ABSTRACT

This dissertation is a study of the lives of some of the people enslaved on rural plantations and farmsteads in the northern Shenandoah Valley region of Virginia. Scholars did not widely acknowledge the presence of slavery in the Valley before the 1990s, and this is the first work to provide an in-depth view of the lives of enslaved Shenandoahans before 1860. Specifically, this project answers two questions: what was life like for enslaved people in the Shenandoah Valley, and how did they shape the region's political economies. Data for this project comes from archaeological excavations at the main enslaved quartering site at Belle Grove Plantation and 19th-century written sources from Frederick and Shenandoah Counties, Virginia, and Jefferson County, West Virginia. Using these sources, this dissertation assesses 1) the impact grain agriculture had on enslaved people and the economic impact of enslaved farmers, 2) the food rations issued to enslaved Shenandoahans and the ways they grew, gathered, raised, and hunted at night and on Sundays to ensure their families had enough to eat, 3) how restrictions on enslaved people's consumption practices limited their ability to travel to, and buy goods from, cities, towns, and country stores, 4) the ways enslaved people used imported tea and tablewares and locally-made utilitarian ceramics to make lives for themselves, and the larger economic implications of these actions, and 5) the struggles between enslaved Shenandoahans and their enslavers that took place through local landscapes. In addition to its contribution to Shenandoah Valley history, this dissertation proposes new ways of theorizing archaeological research on enslaved life that draws heavily from assemblage thinking and Black studies, focusing on ontological politics through which how enslavers defined enslaved people as a different type of human than themselves and enslaved people redefined their humanities on their own terms.

ASSEMBLING ENSLAVED LIVES: LABOR, CONSUMPTION, AND LANDSCAPES IN THE NORTHERN SHENANDOAH VALLEY

by

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I could not have done this research without the constant support of staff members and volunteers at Belle Grove Plantation. Belle Grove provided housing while I was in the field, grants to fund much of the fieldwork, and a steady stream of volunteers to help wash artifacts. I

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In 2019-2020 I was a pre-doctoral intern at MURR. This opportunity allowed me to do the neutron activation analysis presented in this dissertation, taught me the basics of archaeological science, and afforded me time to delve into the Black studies literature. I want to especially thank Brandi MacDonald for offering me the internship, for her mentorship over the past three years, and for graciously going back and checking (and often having to redo) my statistical analysis and interpretations. I also want to thank Jeff Ferguson, Mike Glascock, and April Oga for explaining how neutron activation works, how to prepare my samples, and how to use Gauss. Additionally, I want to thank Jacques Burlot, Whitney Goodwin, Alexa Kuo, Marc Marino, and Virginie Renson for their friendship and the valuable insights they gave me into archaeological science.

In 2020-2022 I was a pre-doctoral fellow at the University of Virginia's Carter G. Woodson Institute for African-American and African Studies. I wrote and edited most of this dissertation during my time at the Woodson, and if was not for this incredible opportunity I do not know how long it would have taken me to finish writing. I learned so much from everyone and I cannot express how grateful I am to have had the opportunity to workshop my dissertation chapters on hunger and brick chimneys. The insights of the other fellows (especially Ashley Ngozi Agbadoga), Professors Deborah McDowell and Robert Vinson, and my guest interlocuters (Alexander Weheliye and Matthew Johnson) not only improved these chapters but gave me the intellectual sustenance I needed to write the dissertation and the extra boost of energy I needed to get across the finish line. While at the Woodson, I was also able to spend time with the University of Virginia's Anthropology Department. I am grateful to Adria LaViolette for

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Introduction: Studying Slavery in the Black Lives Matter Era

"Slavery did not matter in the Shenandoah Valley. Slavery did not matter in the Shenandoah Valley. Slavery did not matter in the Shenandoah Valley." For decades, scholars and fourth-grade history students alike have repeated variations of this statement. The steady, multi-generational rhythm of this chant profoundly shaped the Shenandoah Valley scholars wrote about. Since slavery did not matter, slavery was not discussed in any detail. Since slavery did not matter, enslaved Shenandoahans could not have mattered. And so, Valley history became the history of white Shenandoahans. Yet, slavery mattered profoundly in the Valley from the 1730s to the 1860s. Enslaved people were not just left out of these histories. Early historians, often the (grand)sons of enslavers, fabricated arguments about why slavery did not exist in the region, and later historians took these stories to be fact instead of reassessing them. These whitewashed narratives went unchallenged until the 1990s when a few historians started acknowledging that 18th and 19th-century documents unequivocally demonstrate that slavery *did* matter in the Valley. This has not stopped the public from chanting "slavery did not matter in the Shenandoah Valley." But it has led some scholars to stop.

These interventions, however, only address half the problem. The institution of slavery is now seen as mattering, but enslaved Shenandoahans are only discussed as cogs in the region's political economies, not as people who lived through slavery and whose choices shaped the world around them. If enslaved lives are to matter in Valley histories, we must study enslaved people. This is the first goal of *Assembling Enslaved Lives* and I do this by addressing two interrelated questions: What was life like for some of the women, children, and men enslaved on rural farms and plantations in the northern Shenandoah Valley between 1800 and 1850, and how

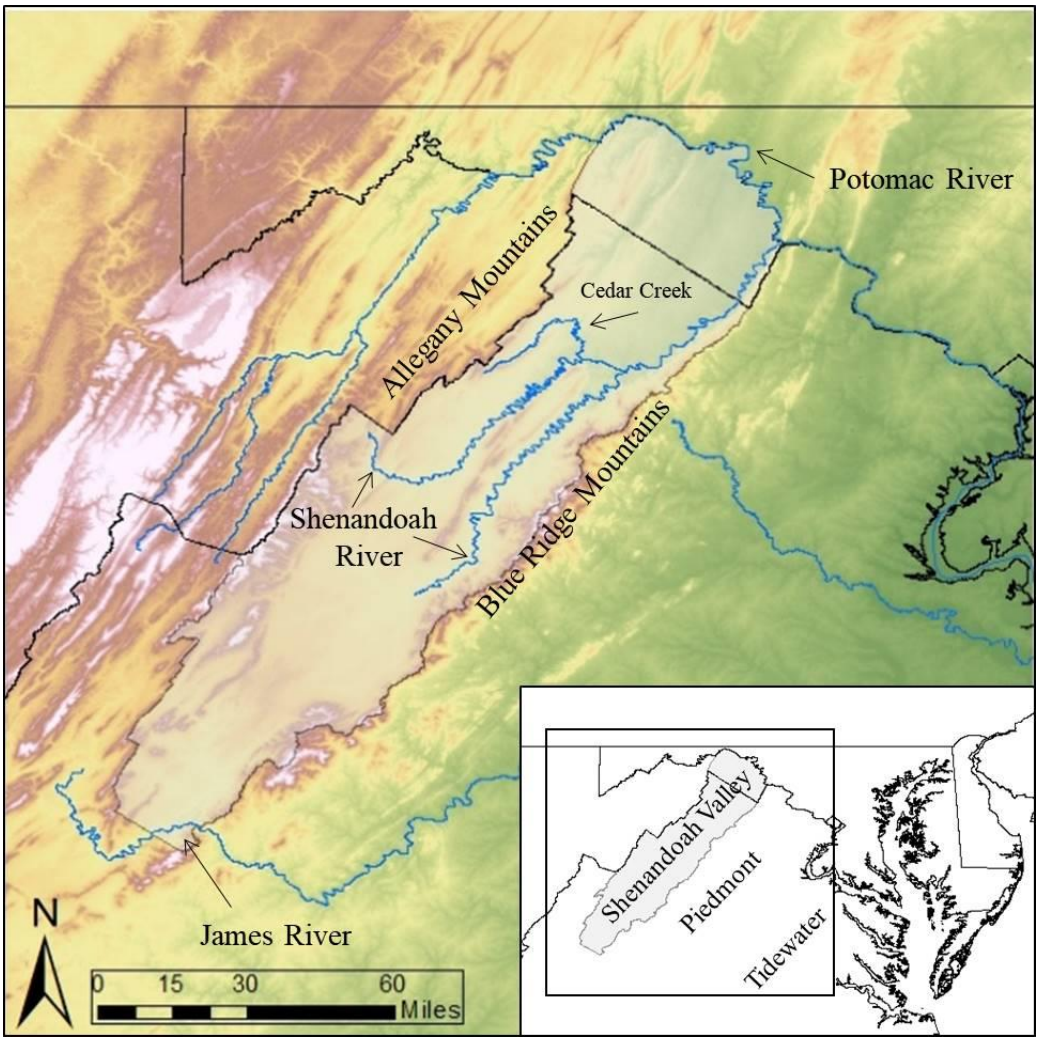

Figure 1. Location of Shenandoah Valley. Map by Author.

did they affect the region's political economies? I answer these questions using archaeological data from Quarter Site B at Belle Grove Plantation and written sources from archives in the Valley. These materials shed light on some of the things, practices, and institutions that affected and were affected by enslaved people as they labored, bought and used commodities, and inhabited local landscapes. Rather than present a comprehensive study of enslaved life in the region (Figure 1) – which would be far beyond what one study could hope to accomplish – this dissertation provides a new way of approaching and thinking about enslaved life in the northern Valley by focusing on some of the things that shaped daily life. Specifically, this dissertation

look at seeds, plows, and scythes used in grain agriculture, food given to and produced by enslaved people, restrictions on enslaved people's movement through the Valley to buy and sell commodities, ceramics enslaved people bought and used, and plantation landscape at Belle Grove Plantation.

I do not use the term political economies to signal a Marxist approach to the archaeology of enslaved life (e.g., Delle 2014; Leone 2010; Orser 1988; B. J. M. Weaver 2018). Rather, I use it to describe the inseparability of economics and the power relations of slavery in the Shenandoah Valley. To theorize these connections, and how the Valley's political economies affected and were affected by enslaved women and men, I turn to assemblage thinking. This school of thought, largely influenced by the work of Giles Deleuze and Felix Guattari (e.g., 1987), attends to the ways people, plants, animals, and things come together into collectives where they mutually shape each other. These collectives are referred to as assemblages. Other theories (e.g., contextual archaeology, critical theory, practice theory) allow us to focus on how enslaved people affected past political economies, or how these structures impacted their lives. But they generally are incapable of addressing both using the same theoretical concepts, nor do they address the active role plants, animals, and things play in these processes. As a result, assemblage thinking provides a more open framework for interpreting connections between enslaved people and local political economies, one that provides a better starting point for looking at how enslaved people affected the Valley's political economies *and* how these structures simultaneously shaped the lives of enslaved people in the region *and* the active way non-human plants, animals, and things affected enslaved people and local political economies.

In *Assembling Enslaved Lives*, I often use the term "things" instead of objects, items, artifacts, or material culture. While this can be seen as nondescript, or even nonacademic, my use

of "things" comes from thing theory (e.g., B. Brown 2001; 2003; Heidegger 1975), which has heavily influenced archaeologists over the past decade (e.g., Govier and Steel 2021; Joyce 2012; Olsen et al. 2012; Van Oyen 2016). Things, as Fernando Domínguez Rubio (2016, 61) argues, are "material processes that unfold over time" (also see Hodder 2012, 7–9) This shifts us from approaching objects/artifacts as stable entities that remain the same throughout time to seeing these entities as continually changing. A tea saucer changed as enslaved people used it, acquiring use wear and having the composition of its paste change as residues seeped into it (see Chapter 8). It changed again when it broke (becoming individual sherds instead of a singular saucer) and it continued to change in the ground after enslaved people discarded it, acquiring new marks and different sets of biomolecular signatures through post-depositional processes. Addressing these transformations pushes us to think about the archaeological record in a more dynamic way (Lucas 2012).

While I was conducting this research, the United States was roiled by report after report of police murdering Black women (Sandra Bland, Atatiana Jefferson, Breonna Taylor…), children (Ma'khia Bryant, Jordan Edwards, Tamir Rice…), and men (George Floyd, Eric Garner, Amir Locke…). "Black Lives Matter" has become a rallying cry for protesting "the racial reality that black lives do not matter" in the United States (Makalani 2017, 533), at least not in the same way that white lives are allowed to matter (also see Benjamin 2018a; Towns 2018; Wynter 1994b). Police do not regularly choke the life from white men suspected of selling loose cigarettes or paying for groceries with a counterfeit bill. Politicians and corporations do not conspire to pipe lead-tainted water into white neighborhoods. Rather, whiteness emerges through and profits from these violent impositions (Benjamin 2018b; Puar 2017). It is "Desperately thirsty for black blood" (Morrison 2004, 79) because the toxic ideology of whiteness can only be

maintained by destroying the social, political, and biological lives of those deemed not white (enough). Black studies scholars have long noted that the taste for blood whiteness developed during colonization and racial slavery gave rise to the forms of racial capitalism, settler colonialism, and white nationalism that the Black lives matter movement is fighting today (e.g., McKittrick 2013; Towns 2018; Wynter 1994b).

Just as archaeologies of enslaved life began in the United States in response to, and as a way to advocate for, the Civil Rights and Black Power Movements (e.g., Ascher and Fairbanks 1971; see Ferguson 1992, xxxv–xxxviii), archaeologies of enslaved life after the 2014 killing of Michael Brown can and should continue our disciplinary legacy of working with and for Black social movements. Justin Dunnavant, Ayanna Flewellen, Maria Franklin, Alexandra Jones, Alicia Odewlade, and Tsione Wolde-Michael (Flewellen et al. 2021; Franklin et al. 2020) have pushed archaeologists to develop new praxes for doing archaeology in the times of Black Live Matter. To this, I would add that studying slavery in the Black Lives Matter era compels us to use our research to rethink the lives of enslaved women, children, and men to show 1) that their lives mattered in the past, 2) the discourses enslavers used to make their lives matter less than white lives, and 3) that enslaved people pushed back against these regimes of power in the 19th century, that just as Black women and men challenge white supremacist discourses today. If, as Matthew Johnson (2010, 2, his emphasis) argues, "theory *is the order we put facts in*" this approach lets us arrange archaeological and historical facts in a way that highlights the lives of enslaved women, children, and men. Pulling together a theoretical framework to do this is the second goal of *Assembling Enslaved Lives*.

While assemblage thinking provides a theoretical framework for thinking about how Black lives mattered in the past, I turn to critical insights from Black studies to theorize the

active struggle between enslavers and the enslaved over how Black lives mattered within the political economies of slavery. I am not alone in engaging with Black studies. Other archaeologists have done this since the 1990s, predominantly by working with Black feminism (e.g., Battle-Baptiste 2011; Bulger 2015; Franklin 2001; A. Martin 2018; Morris 2017; Sterling 2015; Sesma 2016; Wilkie 2003), although some works have used other strands of Black studies (e.g., Barnes 2021; Dunnavant 2020; 2021; Flewellen 2017; Flewellen et al. 2021; Hu and Quave 2020; Springate 2014; Odewale 2019; Watkins 2020). What I propose in *Assembling Enslaved Lives* differs from the existing literature in two ways. First, I engage with the counter-humanist school of thought in Black studies, which addresses how definitions of what it means to be, and who counts as, (fully) human are often political and used to advance social inequalities (e.g., Hartman 1997; Z. I. Jackson 2020; T. L. King 2019; Spillers 1987; Weheliye 2014; Wynter 2003). In the context of slavery, enslavers defined themselves as fully human while defining Black women, children, and men as inhabiting a different, and inferior, ontological category of the human that was capable of being enslaved. As a result, enslavers' racist definitions of humanity provided the ontological basis for slavery. Enslaved women and men, however, often rejected these white supremacist discourses, creating their own definitions of humanity that fit their own needs and desires and allowed them to redress (at least some of) the pain and suffering of slavery. We can think of these competing discourses as an ontological "politics of being" waged between enslavers and the enslaved over the definition of humanity (Wynter 2003, 318). For enslavers, these politics were about perpetuating the institution of slavery and the profits they accrued from Black flesh (Benjamin 2018b; Spillers 1987). For enslaved people, these politics were about making lives for themselves within oppressive anti-Black political economies. Put another way, these politics defined what Black life meant and how Black lives

mattered in the Antebellum South. Other archaeologists cite counter-humanist scholars (Arjona 2016; 2017a; Dunnavant 2020; Flewellen 2017; Schwalbe 2020), but they have not taken up their critiques of humanity. *Assembling Enslaved Lives* is the first study to apply these theories to archaeological research.

The second way my work stands out is by using insights from the new materialism to theorize the materialities that shaped enslaved life, letting me address how things (cornmeal, chickens, ceramics, bricks, etc.) both advanced and impeded the ontological politics waged over the definition of enslaved humanities. The new materialism, which has been one of archaeology's fastest-growing theoretical trends in the past decade (e.g., Hodder 2012; Fowler 2013; Khatchadourian 2016; Olsen 2010; Olsen et al. 2012), focuses on dismantling the artificial dualism between nature and culture, objects and subjects that emerged during the Enlightenment by showing and discussing the agentic capabilities of non-human plants, animals, and things. One particular focus of the new-materialism-inspired archaeologies is the way everything things affected the people who used them and by extension, came to shape the social and material worlds these objects were a part of.

For instance, the one house site we excavated at Quarter Site B had evidence for a cast-iron stove (see Chapter 10). Rather than simply seeing this as an alternative to an open hearth, focusing on the stove's materiality and addressing how it shaped the world around it gives us a different perspective on enslaved life. Its physical qualities, specifically its construction from five solid cast iron plates, forced heat and light to move through the cabin in unique ways. The stove provided a more efficient way of heating the cabin than an open hearth by radiating heat indirectly through the cast-iron slabs. But having heated iron slabs in the tight confines of the cabin may have also led to burns if women, men, and especially children brushed up against the

stove. Given this, the stove may have forced enslaved people to move through the cabin in ways that gave it a wide berth. While open hearths let light spill out into a room, the stove's iron sides prevented firelight from exiting, limiting enslaved people's ability to see in the cabin at night (N 1856), especially since nighttime was the only time most enslaved people spent in their homes between Monday and Saturday (B. Dew 1856, 52; Pauling 1836, 181; also see Morrison 2004, 31). As a result, the women and men living in the house needed to acquire lamps and lanterns to light the interior of the cabin. This is confirmed by our recovery of an abundance of lamp/lantern glass shards at the site. Indeed, from one cabin alone, 225 shards were identified. This density stands out when compared to the 245 shards of lamp/lantern glass found across seven households at Virginia's Montpelier plantation where open hearths were used (Trickett 2013a; 2013b; 2014).

The new materialism has the potential to reshape archaeology and the questions we ask, offering new ways to think about how the artifacts we study physically shaped the lives of enslaved women, children, and men. However, there has been a reluctance among archaeologists studying slavery (but see Schwalbe 2020) and the broader African diaspora (but see Arjona 2017a; 2017b; González-Tennant 2018), to take up these theories for three reasons. First, many archaeologists (e.g., Hodder 2012; Lucas 2012; Olsen 2010; Olsen et al. 2012; Witmore 2014) who use this literature focus on things (almost) to the point of excluding the people who made and used them (Fowles 2016). This is off-putting to anthropologically-trained archaeologists who approach the study of material traces as a way to learn about people (Cipolla 2017; 2018; 2019, 615; Fowles 2016; Van Dyke 2015; 2021). Second, enslavers defined enslaved women, children, and men as things, as property they could buy and sell, rape and maim (e.g., Césaire 1972, 42; Macharia 2019; Morrison 2019; Moten 2003; Spillers 1987). As a result, archaeologists are hesitant to latch onto theories that highlight things to avoid once again objectifying Black

humanities (e.g., McGuire 2021). What many critiques of the new materialism downplay, however, is that studying things and their agentic capacities to affect the world around them does not necessarily lead us to ignore people or reduce humans to objects (e.g., Khatchadourian 2016; Law Pezzarossi 2014; Novak and Warner-Smith 2020a; Fowler 2013; Fowles 2013; Pauketat 2013; Pezzarossi 2015a; 2015b; A. T. Smith 2015). Not only can we use the new materialism to study people, but these theories can lead to more nuanced studies of enslaved life by forcing us to grapple with the nutritional content of enslaved people's food (Chapter 6), heavy metals from ceramic glazes seeping into and affecting their bodies (Chapter 9), and how the rigidness of brick chimneys could prevent enslaved people from saving their home from a devastating house fire (Chapter 10). These provide details on enslaved people's diets and how their homes may have caught fire that we might not have otherwise, allowing us to tell better stories about what life was like for Black women, children, and men enslaved in the Americas. In other words, *Assembling Enslaved Life* explores the role food, market towns, ceramics, yard spaces, and cellars played in the politics through which enslaved Shenandoahans redefined themselves as human.

The third reason the new materialism is not widely used in archaeologies of enslaved life is that it is often seen at best as something that cannot "say anything useful about race," since "the most widely read texts… [in] this emerging field" (e.g., Barad 2007; Bennett 2010; DeLanda 2006; Deleuze and Guattari 1987; Ingold 2011; Latour 1993; 2005) "pointedly do not," and at worst as an attempt to move academic discourses "beyond race, and… blackness" (e.g., Byrd 2011; T. L. King 2017; Z. I. Jackson 2013; 2015, 216; 2020; López 2018, 372; Tuck 2010). Again, this critique does not apply to all new materialist-inspired works, as scholars are using these theories to directly address race (e.g., Allewaert 2013; Chen 2012; Conley 2017; Z. I. Jackson 2020; T. L. King 2019; Lans 2021; Leong 2016; M'charek 2013; Moten 2003; Murray

2007; Musser 2012; Puar 2017; Towns 2018; Weheliye 2014; Wells 2019; Yountae 2014), even if they (predominately scholars of color) remain segregated from the canonical works of the new materialism (predominately written by white scholars). These works provide a valuable template for thinking about the materiality of race, but it is important to note that they primarily deal with bodies and aesthetics, creating a gap between new materialism-inspired studies of race and new materialist-inspired archaeologies, which generally focus on the materiality of everyday life. This, however, is an easy gap to bridge, as it only requires applying the existing discussion about bodies and aesthetics to ceramics, food, houses, and landscapes, letting us see how mundane things (re)produce ideas about race, often through the embodies ways people can move through the word (see Ahmed 2007; Novak and Warner-Smith 2020b).

Once this intellectual bridge has been built, it is not a great stretch to extend this focus on the materialities of everyday life to counter-humanism's focus on the ontological politics waged over who counts as fully human. Much of this school of thought is focused on discourses about race, slavery, and humanity. What goes unacknowledged is that discourses are material, as they cannot occur without pen and paper, books and maps, computers and internet cables, soundwaves and larynxes (e.g., Watkins 2021). Furthermore, whips, chains, and the holds of slave ships were critical components of these conversations, physically enacting definitions of who could be whipped, chained, or locked in a suffocating hell and who could not (e.g., Leong 2016; Mustakeem 2016; Smallwood 2007; Spillers 1987; also see Deleuze and Guattari 1987, 80–81). This insight allows archaeologists to focus on the materiality of everyday life and consider how things such as ceramics and houses were part of the discourses through which the ontological politics of slavery were waged, and actively defined what it meant to be human and

who could gain access to this racialized ontological category instead of passively reflecting or symbolizing these discussions.

Making this connection is critical for archaeological studies of race. Race is not inherently biological but a series of discourses about human aesthetics that come to have material and biological effects (Benjamin 2018b; Gravlee 2009; Watkins 2021). Often, these effects map onto established racial categories, with those deemed to be white being affected differently than those deemed to be Black or Indigenous, which in turn reproduces these discussions. If we see these discourses as immaterial, and their material and biological effects as merely reflecting these larger discussions instead of actively reiterating them, then archaeology cannot contribute to the understanding of how ideas about race emerged or the ways racializing discourses repeat across time and space. Instead, we can only assess materials that symbolize or reflect the larger discourses swirling around the people we study. But if we see these discourses as materially constituted, as taking place in and through things as much as it does ideas, then artifacts and landscapes can be approached as components in the ontological politics of being that played out on American plantations, materially constituting who counted as human, who could be violently exploited, and who could accumulate profits from the flesh of another.

That all being said, *Assembling Enslaved Life* is highly theoretical. This is not (just) because I enjoy theoretical discussions. Rather, assemblage thinking, counter-humanism, and the new materialism let me tell better stories about enslaved life in the Shenandoah Valley than the existing theories archaeologists use to study slavery. A focus on assemblages highlights connections, and the ways the Valley's political economies both affected and were affected by enslaved women, children, and men. In other words, it provides a better way of seeing how Black lives mattered in the Valley by emphasizing enslaved Shenandoahans as historical actors

and tracing the effects that radiated out from the ways they built lives for themselves. Counter-humanism focuses on the politics of local political economies, specifically the ontological politics that enslavers and the enslaved waged in the Valley. This demonstrates that Valley enslavers inflicted the same types of ontological violence onto enslaved people we see throughout the Americas, while at the same time providing a more expansive understanding of what enslaved women, children, and men faced and the full range of strategies they used to make lives for themselves. To put it another way, counter-humanism helps us think about the ways Black lives were made to matter less than white lives in the Shenandoah Valley and how these discourses were contested. Finally, the new materialism lets me focus on the role everyday things played in these politics, showing how enslavers enacted their definitions of humanity using bricks, farm implements, and corn, how enslaved people used plants, animals, quartz crystals, and ceramics to make their own definitions of humanity, and how the physical properties of these materials could (inadvertently) undermine the discourses they contributed to.

Finally, the pages that follow are heavily indebted to Black studies. Without these works, this would be a very different dissertation. But I also intend *Assembling Enslaved Lives* to give something back to Black studies. In recent years, the method of critical fabulation, popularized by Saidiya Hartman (2008), has become commonplace in Black studies. This approach "play[s] with and rearrang[es]" the "elements" of stories from the archives of slavery to "re-present… the sequence of events," highlighting "contested points of view" that "displace the received or authorized account, and… imagine what might have happened or what might have been said or might have been done" (Hartman 2008, 11–12). This is far from an ideal way of studying history, as it uses carefully crafted "fictions" to fill in the gaps and silences of the historical record. But if we are relying solely on written documents to learn about enslaved lives, it is a

necessary way of studying the past. This is where archaeology can play an important role in Black studies. The archaeological record forms an alternative archive that can provide missing details about enslaved life. It is imperfect, with its own gaps and silences, and with its own issues when it comes to humanizing the past. It is an incredibly intimate archive, full of things people touched every day but we often lack the ability to put a name or a face to these women, children, and men. But if critical fabulation is a way of going beyond the limits of the archive, combining written sources with the archaeological record can at least extend that boundary by letting researchers use new sources that can be integrated into critical fabulations. *Assembling Enslaved Lives* is an attempt to map out this new border, to show where the new starting point for critical fabulation might be if archaeologists begin contributing to the intellectual project of Black studies.

Before continuing, it is important to make two comments on the language used in *Assembling Enslaved Lives*. First, I use "enslaved" (instead of slave or bondspeople) to refer to Black women, children, and men enslaved in the Shenandoah Valley and "enslaver" (instead of master, mistress, slaveholder, or slaveowner) to refer to the women and men who did this enslaving. I do this because both are becoming the preferred terms for these two groups of people (e.g., Browning-Mullis 2020; P. G. Forman 2022; National Park Service 2022; Underground Railroad Education Center 2020). Using enslaved is already widely accepted, but enslaver is not as common. However, it is a particularly pertinent term for this project because it fits with my use of assemblage thinking. Compared to "enslaver" the terms slaveholder or slaveowner are static, implying a set condition of owning someone who has been made to be a slave, or of holding someone in that position after they have been enslaved. In other words, both position the act of enslaving as something that has already been done. Enslaver, alternatively, is a

more active word that shows the act of enslaving as a continual process, one that had to be materially enacted through a constant series of mundane practices (e.g., Hartman 1997; Ingold and Hallam 2014). It also does a better job of highlighting enslavers' "complicity and active participation in upholding and perpetuating… violent oppression" (Underground Railroad Education Center 2020) and the fact that they could have ended slavery for anyone they enslaved at any point in time. However, the one downside with enslaver is it names a wider variety of people than a term like slave-owner. Overseers, judges, police constables, and merchants could all be enslavers if their actions helped to enslave someone, even if they did claim this person as their property. Therefore, I use enslaver specifically when referring to those people who made these claims, not to everyone complicit in enslaving Black women, children, and men in the Shenandoah Valley.

Second, I use "white" to refer to people of European descent. In 18th- and 19th-century America, whiteness was simultaneously defined in multiple ways. Among people of European descent, only people from certain ethnic groups and economic standings could claim to be white, creating an understanding of whiteness that otherized immigrants and the poor. We see this most iconically with the Irish, who were not considered white well into the 19th century (e.g., Ignatiev 1995; Roediger 1991). At the same time, census officials identified Irish immigrants as white, as did local courts, since legal statutes often meted out different punishments for the same offense to white and Black people, and Irish lawbreakers were always included in the former category (e.g., Common Council 1856). Perhaps more importantly, an Irish immigrant could not be enslaved. This definition of whiteness otherized people of African descent. I use this latter definition of whiteness in *Assembling Enslaved Lives* because it directly relates to notions of Blackness that underwrote the institution of slavery. This overlooks important aspects of

whiteness and the way people Euro-descended Shenandoahans actively laid claim to this racial classification – which need to be studied but which are far beyond the scope of my dissertation. What my framing does provide is a focus on how these racial classifications articulated with and worked to advance the power relations of slavery and the legal mechanisms through which the institution operated. However, throughout the text I attempt to introduce some nuance into the category of "white Shenandoah" by looking at both enslavers and non-enslavers, and by focusing on the various occupations of non-enslaving people of European descent whenever possible.

What is to Come

Assembling Enslaved Lives is divided into two sections. The first (Chapters 1-4) provides historical background and the theoretical framework for the dissertation. Chapter 1 (The "Demonic Grounds" of Valley History) gives a history of the Shenandoah Valley and uses Sylvia Wynter's concept of "demonic grounds" to provide a critical assessment of how historians have treated slavery in the Valley. I demonstrate the strategies scholars used to erase slavery from local histories, and how the few works on Valley slavery have approached the institution as a homogenized whole instead of studying the lives of enslaved Shenandoahans. The historical background continues in Chapter 4 (Belle Grove Plantation), which presents the history of Belle Grove Plantation and the archaeological excavations I directed at the property's main quartering site (Quarter Site B). Chapters 2 and 3 provide the dissertation's theoretical framework. Chapter 2 (Thinking with Assemblages) covers assemblage thinking, discussing the foundational concepts of this school of thought and how we can use it as a framing device for archaeological and historical research. Chapter 3 (The Ontological Politics of Enslaved Life) discusses counter-humanism, how we can combine it with the new materialism, and what a counter-humanist study of slavery looks like.

My study of enslaved life in the Shenandoah Valley is presented in the second section (Chapters 5-10). Instead of the more traditional approach to archaeological dissertations, which have three or four analysis chapters focused on particular themes, I opted to have six analysis chapters, each focusing on a different "thing" that affected the lives of enslaved Shenandoahans (also see Tsing 2015, viii). This structure helps me emphasize materiality by looking at how different types of things affected enslaved people in unique ways while also providing ways for enslaved women and men to affect the world around them.

This begins with two chapters on the labor that shaped enslaved Shenandoahans' lives. Chapter 5 (Grain) discusses grains – the primary cash crops in the Shenandoah Valley. Using written sources, this chapter documents how planting and harvesting wheat, rye, oats, and corn shaped enslaved farmers' yearly cycle. Enslaved men and women worked together in the fields, and I argue that forcing Black women to perform fieldwork was one way enslavers defined enslaved women as differently human. Using ledgers from Valley mills, this chapter also shows that enslaved farmers planted and harvested much of the grains grown in the Shenandoah Valley, with their labor driving the local economy even if they were not allowed to reap the benefits of their work. Finally, this chapter ends by assessing how fluctuations in the flour market influenced enslavers' decisions to buy or sell enslaved women, children, and men – choices that profoundly affected enslaved life in the Valley. Chapter 6 (Hunger) focuses on the role of hunger in the ontological politics of slavery. Enslavers did not give enslaved people nearly enough food. Building on the discussion of labor in Chapter 5, we can see that the food enslaved people were issued was often hundreds, if not thousands of calories below what they needed to perform agricultural labor. Using discussions in 19th-century agricultural journals, I demonstrate that enslavers justified this by arguing that enslaved people had different biological needs than white

Americans, thereby defining Black people as differently human, and arguing that enslaved people were interchangeable (or fungible), with different people needing the same amount of food regardless of body size or metabolism. Enslaved people, however, actively pushed back against this and redefined themselves as people who could not survive on limited rations by doing whatever they could to get extra food. At Belle Grove, enslaved women and men did this by growing extra food, raising poultry, gathering wild plants, fishing, and hunting. Their actions created a series of effects that shaped local political economies, from enslavers perversely using the extra food enslaved people got for themselves to argue that the rations they issued were sufficient to enslaved people selling corn and eggs.

Chapters 7-9 focus on enslaved people's consumption practices, and how they used the things they acquired from local merchants. Chapter 7 (Cities, Towns, and Country Stores) continues where Chapter 6 leaves off with an intensive discussion of enslaved people's ability to participate in local markets, and how increasing restrictions throughout the 19th century limited their ability to buy and sell things in cities, towns, and country stores. The chapter opens with a discussion of the restrictions on enslaved people's ability to participate in local economies that enslavers introduced from the 1790s into the 1850s, and how these were fueled by discourses that argued enslaved people's consumption practices were chaotic. The rest of the chapter uses data from merchants' ledgers and ceramics from Quarter Site B to demonstrate that these restrictions impacted enslaved people's ability to travel to and trade in cities, towns, and country stores. In Chapters 8 and 9, I continue to analyze the ceramics using written sources, residue analysis, and use-wear analysis. Chapter 8 (Imported Tea and Tablewares) focuses on how enslaved women and men at Belle Grove used imported tea and tablewares, demonstrating that they had their own conceptions about how these vessels should be used, frequently eating food

from tea saucers, and occasionally using mugs and teacups in the same way. Tea wares were important vessels for creating and enacting the definition of humanity enslavers claimed for themselves, and enslaved people using these ceramics in their own ways suggests that they acquired tea wares not to lay claim to enslavers' definitions of humanity but to create ways of eating meals that lay outside of these racialized logics. Chapter 9 (Locally-Made Utilitarian Ceramics) focuses on locally-made utilitarian wares, demonstrating that enslaved people used crocks and jugs for storing food and milk pans as cooking pots. This chapter also demonstrates how enslaved consumers affected the Shenandoah Valley's ceramic industry when they bought locally-made vessels.

Chapters 8 and 9 also continue the discussions of food that began in Chapter 6. Chapter 8 returns to the discussion of enslavers' insistence that the same amount of food was sufficient for every enslaved woman and man, suggesting that the use of tea wares as bowls, which were the cheapest decorated vessels available to enslaved people, was one way they defined themselves as individuals, allowing them to eat food from vessels with different decorative motifs. Chapter 9 introduces the importance of temporality to the ontological politics of food, arguing that some of the strategies enslaved people used to redefine their humanities on foods that were not available year-round and animals that needed to be preserved after slaughtering. Because of this, ceramic crocks and jars allowed enslaved women and men to pickle and preserve food for the winter when fresh produce was unavailable, and their ability to redress the hunger imposed on them was otherwise diminished.

Chapter 10 (Brick Chimneys) addresses the landscapes of slavery in the Shenandoah Valley by focusing on the layout of Belle Grove Plantation. Using the arrangement of buildings on the landscape, I demonstrate that the Hite family, who owned Belle Grove, created a highly

organized landscape as a way of defining themselves as fully human. The Hites used building materials to racialize the landscape around them. Those people classified as "white" at Belle Grove lived in houses with stone structural elements; enslaved women, children, and men, all defined as "Black," inhabited the only buildings with brick elements, particularly brick chimneys. Enslaved people at the quartering site, alternatively, created their own understandings of how this landscape should be organized that fit *their* needs. They created their own definitions of humanity using quartz crystals to ward off spirits, and brooms to create yard spaces where they could cook and socialize. In closing, I discuss a fire that started in the brick chimney of House Site 1, which we excavated in 2017-2019. Once the fire began, I argue, the physical properties of the bricks and mortar that the Hites used to racialize the dwelling's inhabitants prevented them from removing the chimney from the house, ensuring that the building went up in flames.

Finally, the conclusion to *Assembling Enslaved Life* addresses the next steps for this research, both in terms of how we can take this new information about enslaved life in the Shenandoah Valley and use it to tell more inclusive histories of the region, and in terms of where we might go next with the counter-humanist theories that drive much of my research.

Chapter 1: The "Demonic Grounds" of Valley History

Writing has nothing to do with signifying. It has to do with surveying, mapping, even realms that are yet to come.
(Deleuze and Guattari 1987, 4–5)

If you flip through a stack of books on the history of the Shenandoah Valley, two trends quickly become apparent. First, most Valley historians are interested in the early colonial era (1732-1763) and/or the American Civil War (1861-1865). Second, most scholars have equated Valley history writ large with the history of white Shenandoahans, especially those of German and Scotch-Irish descent. Yet, in the century between the early colonial era and the start of the Civil War slavery thrived in the Valley, with enslaved people accounting for around 20% of the region's population (Figure 2). With few exceptions (Denkler 2010; 2020; Hofstra 1999; Koons and Hofstra 2000; McCleskey 2014; Noyalas 2021), you will not find discussions of slavery in our hypothetical stack of books.

To theorize the removal of Black lives from Valley histories I find it helpful to turn to Sylvia Wynter's discussions of "demonic grounds" (1987; 1990; also see Flewellen 2017; McKittrick 2006). Drawing on the use of demonic models in mathematics and physics, Wynter defines demonic grounds as ontological positions rendered "outside of our present governing system of meaning," making them unknowable/unimaginable from within the "mode[s] of being/feeling/knowing" that support these systems (Wynter 1987, 219; 1990, 356, 364). As a result, the process of becoming-demonic dehistoricizes and despatializes certain groups of people in ways that allow them to be placed outside of time and space, where their existence (if recognized at all) need not be explained in any detail. By placing enslaved life in the demonic

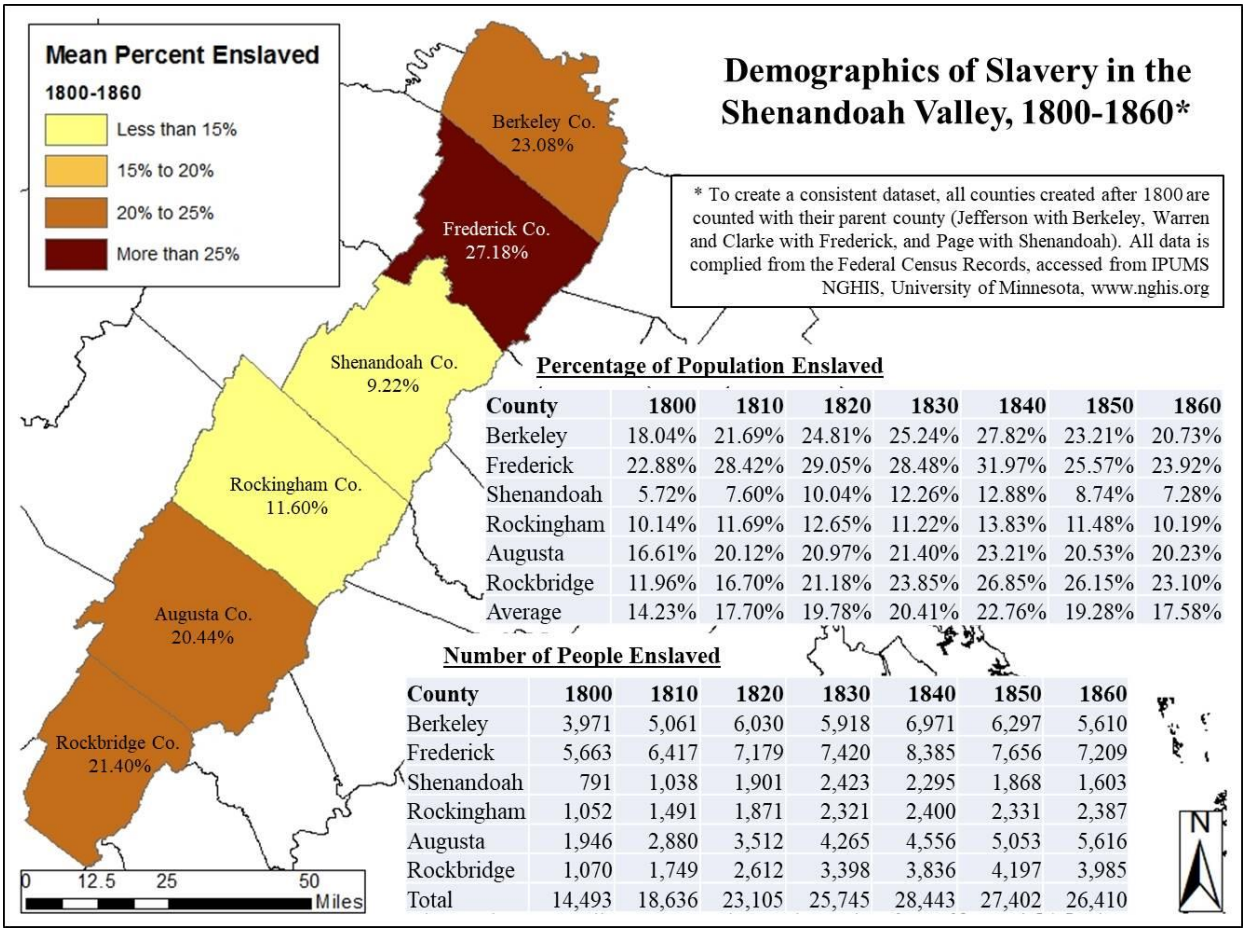

Figure 2. Demographics of Slavery in the Shenandoah Valley, 1800-1860. Image by Author.

grounds of Valley history, white scholars made it unimaginable to see enslaved Shenandoahans as historical actors, as people whose lives could have mattered. This allowed the Valley to become, at least to white scholars and those who read their works, a region built by white Americans for white Americans.

Assembling Enslaved Lives rejects this treatment of enslaved Shenandoahans and attempts to dismantle the demonic grounds of Valley history so we can see how Black women, children, and men affected, and were affected by, the region's political economies. But first, we must understand what we are dealing with. This chapter engages with the historiography of the Shenandoah Valley in two ways. First, I lay out a conventional history of the region that covers the initial settlement of the Valley, its integration into 18th-century trans-Atlantic economies, its

growing prosperity and eventual economic downturn in the 19th century, and the varied ethnic and religious makeup of white Shenandoahans. This sketches out the region's political economies while demonstrating major trends in Valley histories. Second, I discuss how scholars have engaged with enslaved life, the ways they (un)intentionally left enslaved people out of the history of the Shenandoah Valley, and how this has affected our understanding of the region.

A Conventional History of the Valley, 1730 to 1860

This [is] the version of history taught by the forces that upheld the Plantation.
(Wynter 1971, 96)

Between 1607 and 1715, the Blue Ridge Mountains formed an impenetrable wall that protected Virginia and its profitable tobacco plantations, keeping French forces from entering and enslaved people from leaving the colony. In 1716, however, colonial rangers located a pass through the mountains, transforming the Blue Ridge into a porous border overnight. Growing anxiety about this pass and several others found in the following years led Virginia's governor to incorporate the Shenandoah Valley – located just across the mountains – into larger colonial projects in the 1720s. These plans focused on replacing the now-obsolete natural boundary of the Blue Ridge with a new human border, composed of white colonizers who would become the first line of defense in the event of a French invasion and prevent the establishment of maroon communities in the Valley (Hofstra 1998; 2004, 5–7).

To implement these plans, Virginia granted large tracts of land to select individuals on the condition they settle one family for every 1,000 acres they acquired. In the southern Valley, this began with a 20,000-acre grant to Jacob Stover in 1730, followed by grants to William

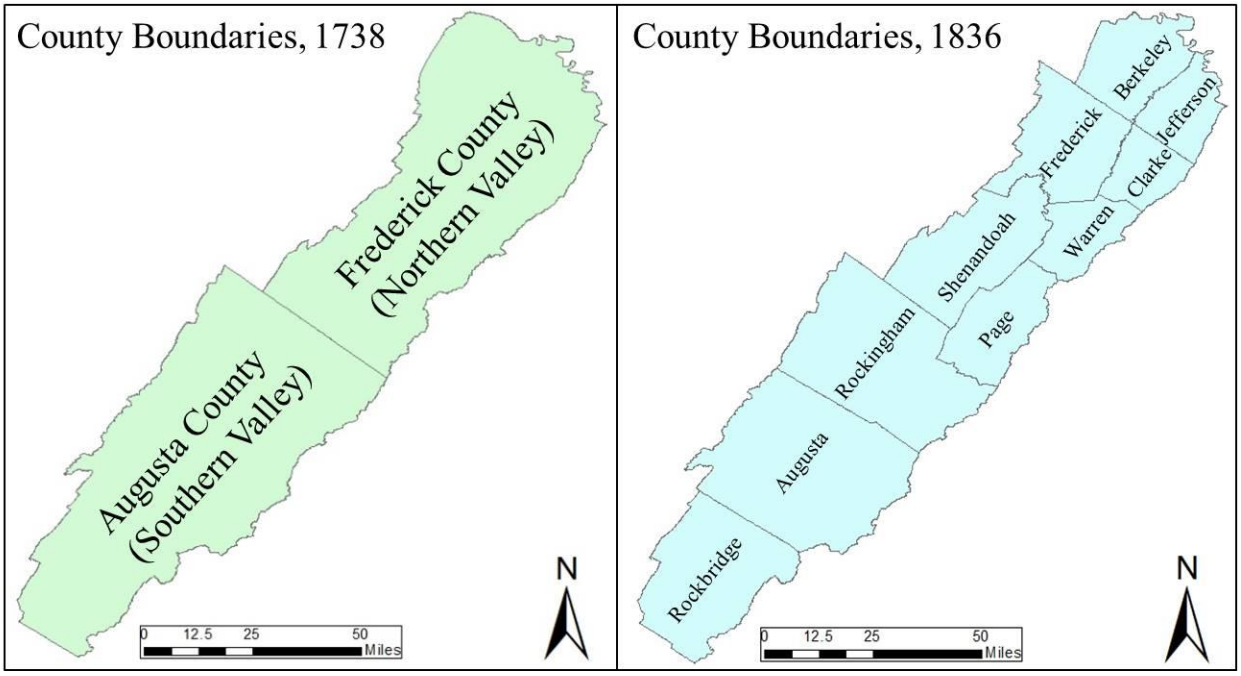

Figure 3. County Boundaries. Map by Author.

Beverly (118,491 acres) and Benjamin Borden (92,100 acres) (Mitchell 1977, 31). In the northern Valley, John and Isaac van Meter acquired 40,000 acres in 1730, which they sold to Jost Hite in August 1731. Hite and his partner Alexander Ross quickly acquired an additional 100,000 acres and moved to this land by late summer or early fall 1731, settling 16 families between the Potomac River and Cedar Creek. To fulfill the requirements of these grants, Hite and Ross actively recruited colonists in Pennsylvania, quickly bringing 100 families into the Valley (Hofstra 1990, 108; 2004, 34; Mitchell 1977, 29). By 1738 enough people lived in the Valley for the colonial government to establish two counties in the region (Figure 3) – Frederick County in the north and Augusta County in the south – with seven additional counties emerging from the two by 1836 (Mitchell 1977, 11). Settlement in the Shenandoah Valley proceeded rapidly, with over 18,000 people inhabiting the region by 1755 (Mitchell 1977, 96). By 1800, the population had increased fivefold, with 66% of Shenandoahans living in the northern Valley (see Figure 2).

Three factors attracted early colonists to the region. The first was large tracts of affordable land created by the land grants. Second, the Valley lacked a significant Native American presence, allowing colonists to claim the territory with relative ease (Mitchell 1977, 16). While Virginia Indians lived in the Valley for thousands of years, biological and political shockwaves created by European colonization disrupted the lives of Native Shenandoahans, many of whom left the region by the mid-17th century (Barber and Barfield 1997; Gardner 1989; Hantman 2004, 30; Hofstra 2004; McConnell 2010). The Iroquois Confederation soon laid claim to the largely depopulated Valley, using it as a thoroughfare for war parties moving between the Northeast and the Carolinas (Hofstra 2004; McConnell 2010). This use of the Valley continued through the first few decades of European colonization without major disruptions to colonists. However, there are sourcing indicating some continued Native inhabitation of the Valley through the late-18th century, even if their presence has also been rendered demonic in most Valley histories. Third, most of the Shenandoah Valley contains rich, silty topsoil which, in combination with easy access to streams and an annual rainfall of 35" to 38" made the region exceptionally fertile (Hofstra and Geier 2000; Raitz 2010, 43–44).

This fertility allowed mixed farming to thrive in the Valley, with colonists growing wheat, rye, barley, oats, corn, flax, hay, and truck vegetables to feed themselves and the pigs, cows, and sheep they raised (Hofstra 2004, 204–17; Mitchell 1977, 134–38). During the first generation of colonization, farmers produced little surplus (Hofstra 2004, 197–217). However, this changed during the Seven Years War (1756-1763) and the establishment of Fort Loudon in Winchester (Frederick County), which served as an important post for defending the Virginia backcountry and a launching off point for invasions into western Pennsylvania. Once British and colonial forces arrived in the Valley, army quartermasters started buying food from local farmers

(Mitchell 1977, 144–47). By the time hostilities ceased, most farmers were selling approximately 25% of their crops. After losing the military market in 1763, Shenandoahans sold agricultural products to merchants in Philadelphia and eastern Virginia (Mitchell 1977, 152).

With these new trade relationships established, the late-18th century saw increased agricultural production in the Valley. This occurred at a rather fortunate time for local farmers. A generation earlier, England produced enough wheat to meet its own needs and supply southern Europe, where population growth and poor harvests produced a growing demand for imported foodstuffs (Hofstra 2004, 274; J. D. Majewski 2000, 146). Yet, by the mid-to-late-18th century, an ever-increasing population and the rise of the industrial revolution and urbanization prevented England from producing enough food to meet local demands, let alone export grain to other parts of Europe. As a result, the price of flour doubled between 1740 and 1770 (Clemens 1980, 176–77). Colonial merchants quickly capitalized on the need for grain, extending lines of credit throughout the Valley to further draw the region into the trans-Atlantic flour trade (Hofstra 2004, 10, 274). Most of the wheat grown in the Valley during the late 1760s and early 1770s was sold to merchants in Alexandria, Falmouth, or Fredericksburg (all located in eastern Virginia), and shipped to England and the Caribbean. The Caribbean trade was especially important for Valley farmers. Wheat varieties grown in England and the northern colonies had a high water content, causing them to quickly spoil in the humid Caribbean (Rood 2014, 25; Sharrer 1982, 139). Farmers in Virginia and Maryland, however, primarily grew soft red winter wheat which had a lower water content, letting it last for months in the Caribbean. As a result, merchants in Virginia and Baltimore, Maryland dominated the Caribbean flour trade.

The American Revolution (1776-1783) briefly interrupted the Valley's flour trade. At the war's end, Britain tried to cut the United States out of the Atlantic grain trade, but poor harvests

kept the United Kingdom from feeding itself. As a result, trade with Britain and its Caribbean colonies was quickly reestablished (Sharrer 1982, 140–41). Crop failures and unrest in Europe further increased the demand for Valley flour in the late 1780s and 1790s, with local farmers increasing their exports from 2 million pounds in 1783 to 14 million pounds in 1800, making it Virginia's leading producer of flour (Fischer 1996, 142, 152; Mitchell 1977, 171–77).

Although not as lucrative as flour, the cattle trade played an important role in the Valley's economy (Brown and Sorrells 2004; McMaster 1990; Mitchell 1977, 183–85; Sorrells 2005). This trade originated in the mid-18th century with drovers from North Carolina and southwest Virginia moving cattle northward through the Valley toward Philadelphia, buying steers along the way (McMaster 1990, 130–31). By the 1760s, some Valley farmers were raising large herds to sell to drovers (McMaster 1990, 133, 136). To increase profits, they began importing English bulls to improve local stock and using feedlots to supply animals with corn and hay throughout the winter to prevent them from losing weight (McMaster 1990, 143–46; Sorrells 2005, 52). By 1800, the Valley dominated Virginia's cattle trade.

Other industries related to agro-capitalism soon emerged in the Valley. Chief amongst these were mills, which transformed wheat and other grains into flour and meal (Hofstra and Geier 2000). Many millers also operated sawmills, allowing farmers to create sellable lumber from the trees they felled while clearing fields. To increase the value of locally grown rye and corn, many farmers distilled whiskey and unaged spirits. Textile mills, linseed mills, and tanneries also processed wool, linen, hemp, and hides (Keller 1990a; Mitchell 1977, 207).

While rivers provided the primary means of transportation in eastern Virginia, much of the Valley lacks access to navigable waterways, forcing trade to move along roads. Throughout the Colonial and Antebellum eras, the Great Wagon Road served as the principal thoroughfare in

the region, running the length of the Valley, and extending northward toward Philadelphia and southward toward contemporary Roanoke where it connected to roads leading into North Carolina (Hofstra and Raitz 2010; Rouse 1973). During the mid-18th century, newly constructed roads connected the Valley with Alexandria, Fredericksburg, and Richmond. By 1800 six roads in the northern Valley and three roads in the southern Valley crossed the Blue Ridge, facilitating the ever-increasing movement of commercial products into and out of the region (Hart 1942, 149–52; Mitchell 1977, 153, 190–91). Given the importance of wagons to local trade, many men made a living serving as wagoners, and several towns, including Newtown (modern-day Stephens City), profited from the construction of wagons and carts.

Following typical settlement patterns in Virginia, the initial colonization of the Shenandoah Valley took place without the establishment of towns or villages. Instead, colonists lived in sprawling rural neighborhoods that stretched for miles, meeting at taverns and homes to conduct business. In 1738, the colonial government granted a charter for Winchester, the region's first town. Despite serving as the seat of Frederick County, Winchester remained on the periphery of the region's economy until 1756 when it was selected as the location for Fort Loudon (Hofstra 2004, 235–56). As the Valley's wheat and cattle trades started moving through Winchester, and soldiers sought out businesses to spend their pay, the town quickly became the central hub for local trade. Other towns emerged during the third quarter of the 18th century, including Shepherdstown, located 25 miles northeast of Winchester, and Newtown, Strasburg, and Woodstock, each located approximately a day's travel from one another, stretching southwest from Winchester along the Great Wagon Road (Hofstra 2004, 261–64).

The wealth generated by the Shenandoah Valley's political economies did not spread evenly throughout the region. The northern Valley had a larger population than the southern

Valley. It produced more agricultural products and had closer ties with merchants in Philadelphia and eastern Virginia (Mitchell 1977). Not surprisingly, it profited more from the growing trade with the eastern seaboard. Within the northern Valley, a select few families in eastern Berkeley and Frederick Counties (modern-day Jefferson and Clarke Counties, respectively) accumulated most of the money pouring into the northern Valley while half the taxable population in Frederick County did not own land (Mitchell 1977, 120; Tillson 1991). Many of these families emigrated from eastern Virginia or were absentee landholders primarily residing across the Blue Ridge. Despite this, many middling families in the northern Valley prospered from selling flour and other agricultural products.

A World Made By Wheat: Prosperity and Decline (1800-1860)

The Shenandoah Valley remained the center of wheat production in Virginia throughout the early-19th century, eventually becoming the largest exporter of flour in the American South. This prosperity led observers to declare the Valley a "world made by wheat" and the "most bountiful portion of our country" (Hofstra and Koons 2000, xix; Keller 2000, 5–6). Between 1800 and 1815, exports to Britain were sporadic, primarily occurring in years when British farmers failed to produce enough food for the growing urban population (Galpin 1927). The Caribbean continued to be a reliable consumer of Valley grain, taking in 33.31% of all flour and 34.53% of all corn exported from Alexandria (Table 1). However, once the Peninsula War (1807-1815) disrupted agriculture in Spain and Portugal, they became the most important markets for US grain.

The 19th century saw the Shenandoah Valley become increasingly connected to the outside world through new transportation networks. A series of canals allowed farmers in the

Table 1. Amount of flour, corn, and wheat exported from Alexandria, by destination, 1801-1815. Data from Galpin (1927).

Location	**Flour (Barrels)**	***Flour Percent***	**Corn (Bushels)**	***Corn Percent***	**Wheat (Bushels)**	***Wheat Percent***
West Indies	380,051	*33.3%*	204,748	*34.5%*	6,892	*2.1%*
Iberia	589,352	*51.7%*	364,492	*61.5%*	261,397	*80.7%*
United Kingdom	150,516	*13.2%*	12,976	*2.2%*	55,631	*17.2%*
South America	18,005	*1.6%*	7,660	*1.3%*	0	*0.0%*
Canada	3,011	*0.3%*	3,079	*0.5%*	0	*0.0%*

southern Valley to ship wheat directly to Richmond using the James River by 1789 and a similar series of canals allowed goods to flow from Harpers Ferry to Alexandria by 1802 (Raitz 2010, 50). This made Alexandria the primary market for the northern Valley's wheat into the 1820s, a role it attempted to retain with the construction of the Chesapeake and Ohio Canal, which reached Harpers Ferry in 1834 (Fennell 2017, 52, 82; Keller 2000). To get goods to these canals, some farmers floated barrels of flour down the Shenandoah River on flat-bottomed boats while others used the Great Wagon Road (Bruggmean 2010; Raitz 2010, 49–50). In 1834 construction began on the Valley Turnpike, a macadamized toll road that connected Winchester to Staunton (Augusta County), allowing goods to move quickly through the region (Keller 2010; Lanier 2010, 129). Around this time railroad networks extended into the Valley, with the Baltimore and Ohio Railroad reaching Harpers Ferry in 1834, the Winchester and Potomac Railroad connecting Harpers Ferry to Winchester in 1837, and the Manassas Gap Railroad connecting Alexandria to Woodstock in 1856 (Dilts 1996; Longenecker 2002, 84).

In addition to serving as a conduit for wheat, merchants hoped the canal systems that flowed toward Alexandria would facilitate the movement of mass-produced commodities into the Shenandoah Valley, transforming the region into a "great emporium" (Fennell 2017, 37–40). By this time, however, three generations of Shenandoahans had relied on trade with Philadelphia,

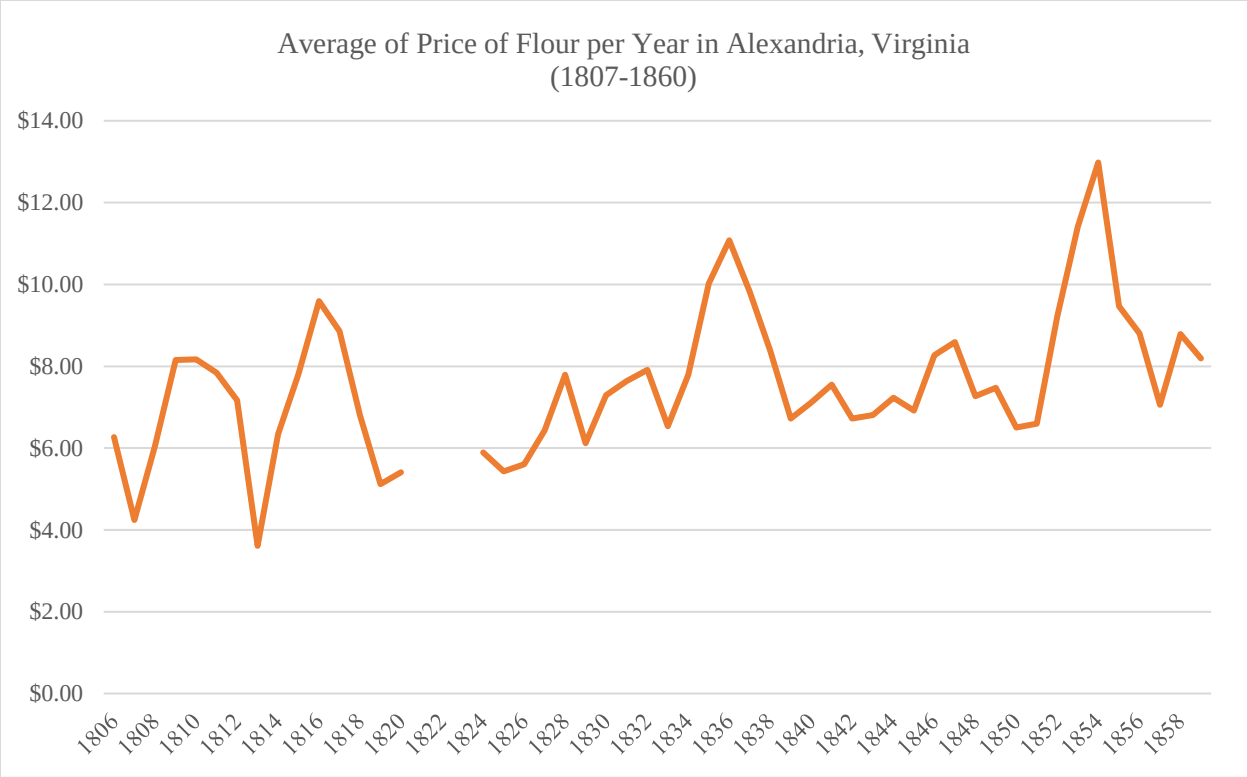

Figure 4. Average of Price of Flour per Year in Alexandria, Virginia (1807-1860). Price is per barrel of superfine flour, and all prices are normalized to the value of the dollar in 1810. Data used in this figure is available in Appendix D, Table 10.

and many local merchants continued to stock their shelves with Philadelphian wares well into the 19th century (Fennell 2017; Hofstra 2010, 98). Baltimore merchants played an increasingly important role in supplying goods to the Valley in the 19th century as new transportation networks allowed them to cheaply move wares to local merchants (Fennell 2017; Hofstra 2004, 310). Many New England peddlers also operated in the Valley, further diminishing Alexandria's importance (Rainer 2000).

In 1815 Valley farmers lost their access to the profitable European markets as Iberian farmers replanted after the Napoleonic Wars and Brittan attempted to strengthen its economy by placing heavy tariffs on flour imported from the US (Keller 2000, 25). Making matters worse, the Panic of 1819 plunged the US into a two-year recession, dropping flour prices by 42% (Figure 4) (Haulman 2008). Yet, Valley farmers soon prospered again. In the 1820s, enslavers in

and around Rio de Janeiro, Brazil developed an insatiable appetite for wheat bread (Rutter 1897; Sharrer 1982). The Valley's soft red winter wheat was ideally suited for Brazil's humidity, and merchants in Baltimore started shipping Valley flour to Brazil. Baltimore soon became the leading supplier of flour to Brazil and the second biggest exporter of flour in the US between the late 1820s and the 1840s (Rutter 1897; Sharrer 1982). Merchants in Alexandria and Georgetown (Washington D.C.) increased flour prices to compete with Baltimore for Valley flour, but Baltimore's railroads and its control of the Brazilian trade made it the predominant market for Valley wheat by the 1830s, (Fennell 2017; Keller 2000, 24). However, some Valley farmers continued shipping flour along the Potomac River to Alexandria and to Georgetown (Washington D.C.) which dominated the Potomac River market after the 1820s (Comp 1978).

In the 1840s millers in Richmond, Virginia started producing a superior flour that quickly took over the Brazilian market (Rood 2014; 2017). As a result, plantations around Richmond switched from tobacco to wheat, with 10 counties around Richmond increasing their wheat production by over 200% between 1840 and 1860 (Figure 5). To keep control of the Brazilian trade, Richmond's millers obsessed over the quality of wheat they used, and many were reluctant to buy wheat from the southern Valley (Rood 2014, 38). Farmers in the northern Valley, who lacked direct access to Richmond even if they could find buyers, continued shipping their products to Baltimore, Alexandria, and Georgetown. Unfortunately, this was not a good time to be reliant on these markets. In addition to losing the Brazilian trade to Richmond, Baltimore lost its lucrative trade to the British Caribbean as flour consumption declined after emancipation in 1834. British markets opened back up to US imports in 1846, but New York City dominated this

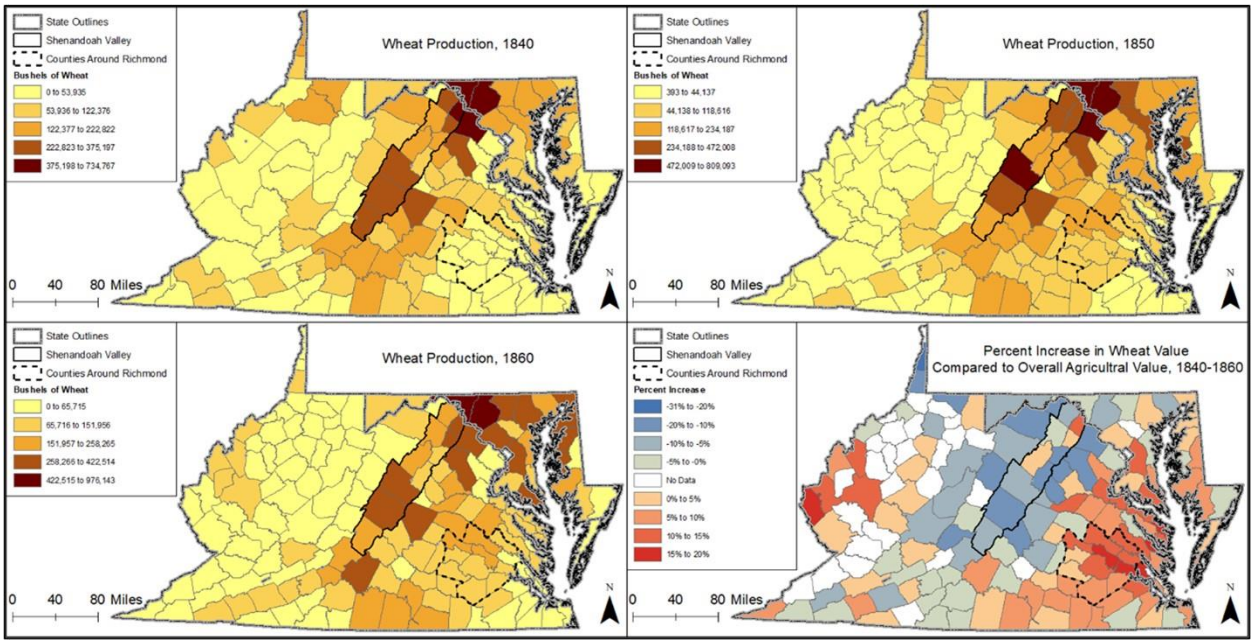

Figure 5. Wheat production in Virginia and Maryland, 1840-1860. Top left: Wheat production by county, 1840. Top Right: Wheat production by county, 1850. Bottom left: Wheat production by county, 1860. Bottom left: Percent increase/decrease of the value of wheat crops relative to total value of agricultural products between 1840 and 1860. While the first three maps chart out changes in overall wheat production over time, the final map shows that the relative importance of wheat broadly decreased in the Valley and increased in eastern Virginia. Data from Agricultural Censuses available at IPUMS National Historical Geographic Information System: Version 15.0 (Manson et al, 2020), and is presented in Appendix A, Tables 1-3.

trade and the growing trade in grains to the increasingly urban Northeast (Sharrer 1982). By the 1850s, Baltimore was only exporting around 6% of the nation's flour (American Farmer 1858).[1] These same factors affected Alexandria and Georgetown, where merchants bought and exported less flour throughout the 1840s and 1850s (Comp 1978). Making matters worse, the 1850s also saw drought, wheat rust, and "unprecedented" insect infestations in the Valley, causing a 19.47% drop in wheat production (Figures 5 and 6) (Keller 2000, 29). Many Valley farmers moved to the Midwest at this time.

Despite the outsized role flour played in the local economy, cattle continued to be an important source of income for Valley farmers, with droves of up to 12,000 steers passing

[1] By comparison, exports from Baltimore accounted for 20-27% of the United State's exports in the mind-1820s (Niles' Weekly Register 1827).

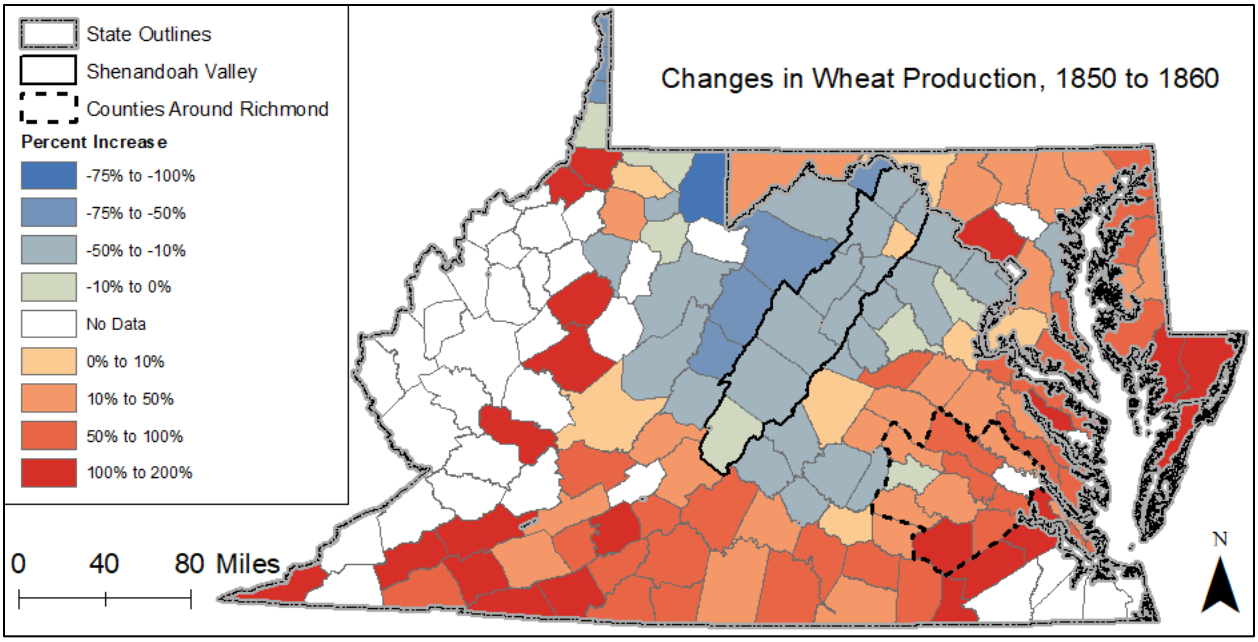

Figure 6. Percent increase/decrease in wheat production in Virginia and Maryland, 1850-1860. This shows the decrease in Valley wheat production during the 1850s. Data from Agricultural Censuses available at IPUMS National Historical Geographic Information System: Version 15.0 (Manson et al, 2020), and is presented in Appendix A, Tables 2-3.

through Winchester by 1820 (Koons 2000b, 4). Most farmers also continued to plant corn, rye, and oats, much of which was fed to cattle in feedlots or distilled into whiskey. Rockbridge County alone produced 61,000 gallons of whiskey in 1850, and an even more impressive 97,000 gallons ten years later, much of which made its way eastward (Koons 2000b, 4). As with the 18th century, gristmills, sawmills, textile mills, linseed mills, and tanneries processed agricultural products into exportable commodities.

A Patchwork of People: Ethnic and Religious Identities in the Valley

While the previous sections focused on the Shenandoah Valley's political economies, these did not operate on their own. In this section, we meet the patchwork of people whose lives shaped, and were shaped by these forces – or at least those people most historians have focused on. While a variety of people colonized the Shenandoah Valley, the region is most often associated with people of German and Scotch-Irish descent. In the early-18th century, some

100,000 Germans, including Jost Hite (the land speculator introduced earlier), emigrated to British America, primarily disembarking in Pennsylvania (Fischer and Kelly 2000, 112). When recruiting the 140 families needed to fulfill his land grants, Hite heavily recruited within German communities, bringing dozens of Germans into the Valley, many of whom settled in what would become Rockingham, Shenandoah, and Frederick Counties (Comstock 1994a, 8; Fischer and Kelly 2000, 113; Wayland 1907; Wust 1969). Hite's partner, Alexander Ross, was of Scotch-Irish descent. Scotch-Irish emigrated from southern Scotland and northern England to northern Ireland in the 17th century to assist colonial efforts on the island before immigrating to British America in large numbers between 1717 and 1775 (Fischer 1989). Many Scotch-Irish first arrived in Pennsylvania, where they formed connections with German immigrants (Keller 1990b, 72) – such as the partnership Ross forged with Hite. In addition to recruiting Germans, Hite and Ross brought numerous Scotch-Irish families into the northern Shenandoah Valley, while many more passed through this area to settle in the southern half of the region (Katherine L. Brown and Keller 2012; Comstock 1994a, 8; Fischer and Kelly 2000, 126; Mitchell 1977, 104). English colonists also migrated to the Valley from Pennsylvania and eastern Virginia (Comstock 1994a, 8; Hofstra 1990; Mitchell 1977, 35).

In the Valley, German and Scotch-Irish families generally settled next to one another in multi-ethnic rural neighborhoods (Hofstra 2004; 2012). Scotch-Irish men generally took control of local politics, a move fueled in part by the desires of politicians of English descent in eastern Virginia who preferred to deal with people of British heritage (Hart 1942, 58, 65; Hofstra 2004; Keller 1990b). Some (e.g., Keller 1990b) argue that a Scotch-Irish ethnic identity did not exist in the colonial backcountry, with people instead identifying themselves by where they lived and the religion they practiced (see below).

German families, however, performed ethnic identities into the 1830s, with many speaking German and reading German-language newspapers (Dolmetsch 1984; Fennell 2017, 124; Edmonds 1936; Linebaugh 1998, 202; Mitchell 1977, 107).[2] German-trained potters supplied the region with earthenwares and stonewares between 1745 and 1900 (see Chapter 9) (e.g., Comstock 1994a; Evans and Suter 2004; Jolley 2004; Kaufman 1978; A. H. Rice and Stoudt 1929; Russ 1995; Russ and McDaniel 1986; 1991b; Wiltshire 1975). Purchasing these vessels and using them to prepare traditional foods let families perform German identities (Fennell 2017; Fischer and Kelly 2000, 114; Gibb 2007; Gibb and Pettit 1997). Germans also brought distinctive architectural traditions to the Valley, and while the homes they built were not identical to those they left in Europe (Roberts 1986; W. W. Weaver 1986), they retained many key features (Chappell 1986; Fennell 2017, 139–47; Hofstra 2004, 35–36; Kniffen and Glassie 1966).

In the 18th century, Scotch-Irish people tended to practice Presbyterianism, while most Germans belonged to Lutheran, Reformed, Dunker, Mennonite, or Quaker congregations (Fennell 2017, 124; Longenecker 2002, 23–26; Mitchell 1977, 105). Shenandoahans of English descent belonged to Baptist, Anglican, or Quaker churches/meeting houses (Comstock 1994a, 6–7; Longenecker 2002, 28). While most scholars focus on ethnicity, religious affiliation was often the main way Shenandoahans self-identified (Longenecker 2002). However, given the entanglements between religious affiliation and ethnicity, religion often reinforced ethnic identities. For instance, many of the German-language presses operating into the 19th century

[2] No monolithic 18th-century German ethnicity existed, so we must avoid collapsing the many ways of being German into a single German identity (e.g., Fennell 2017, 119; Wust 1969, 186–88). Still, shared memories, practices, and diasporic experiences existed, allowing us to use "German" as a label for the multiplicity of identities that originated in what is now Germany (Fennell 2007; 2017; Garver 2015).

specifically catered to Lutherans (Edmonds 1936; Longenecker 2002, 74), allowing religious affiliation to inadvertently perpetuate ethnolinguistic practices.

The 19th century saw the unraveling of many previously distinct identities in the Shenandoah Valley and the emergence of new identities that united the region's white population. We can attribute this to three trends. First, as Scotch-Irish people interacted with Germans, many started buying and using locally made ceramics and building German-style homes for themselves (Fennell 2017, 145; Glassie 1978, 394–96; Kniffen and Glassie 1966, 59; Lay 1982, 18). These shared materialities created common sets of experiences that could have fostered new identities. Second, the Methodist Revolution swept through the Valley in the late-18th century (Semmel 1973). Thousands of Lutherans and Presbyterians converted, creating shared religious identities (Longenecker 2002, 59–78; Mitchell 1977, 105). Third, the increased commercialization of Valley flour and the influx of mass-produced goods into the region eroded earlier religious identities, which had eschewed "worldly" goods and emphasized notions of plain living (Fennell 2017; Chappell 1986; Hofstra 2004, 321–25; Longenecker 2002, 79–111; 2000; McCleary 2010; Mitchell 1977, 106–7; Wust 1969, 186–99).

Slavery and the Historiography of the Shenandoah Valley

This valley is populated by Germans and Quakers. They keep slaves….
(Niemcewicz 1965, 90)

Enslaved people are noticeably absent from the preceding history. While this may seem like an unusual choice on my part, as *Assembling Enslaved Lives* focuses on these women, children, and men, slavery is either absent from or marginalized in 93% of the secondary sources I cited.[3] Therefore, this conventional history raises two questions about the production of history

[3] This only includes the 44 Valley-specific works that do not primarily discuss Virginia Indians in the region.

in the Shenandoah Valley; how were enslaved people removed from these narratives, and how does this affect our understanding of Valley history?

To answer these, we must critically deconstruct this historiography and explore the strategies generations of Valley historians used to place enslaved Shenandoahans outside the times and places they wrote about. Here, I draw on Michel-Rolph Trouillot's (1995) discussions of the power dynamics inherent in the creation of histories. Central to his work is the concept of traces, the material trails left behind by bodies as they move through time and space. While these may be literal trails, like wagon ruts gouged into historic roadbeds, traces may also be "buildings, dead bodies, censuses, monuments, [or] diaries" (Trouillot 1995, 29). While "history begins" with these materialities, they are not static entities, nor do they produce unambiguous evidence of past lives (Trouillot 1995, 29–30). Instead, authors choose which visible traces to mention and which to leave out, since a single study can never follow every possible trace (Trouillot 1995, 48). Even if this could be done, the result would be a jumbled series of data that could not be arranged into anything meaningful, since doing so would necessitate leaving something out to create a coherent narrative. We must focus on these choices and the strategies used to implement them when studying how histories are produced (Trouillot 1995, 49–52).

Often, these choices are influenced by and reproduce present-day racial, political, and economic orderings (Trouillot 1995, 148–51). This is where Wynter's demonic grounds come in, as contemporary anti-blackness led historians to silence the traces left by enslaved Shenandoahans, removing these people from the times and places that make up Valley history and reproducing white supremacist notions that Valley history is white history. This is not to say that all traces left by enslaved people have been silenced, as the discussion of agro-capitalism and locally-made ceramics presented above are full of the traces left by enslaved Shenandoahans

(see Chapters 5 and 9). Instead, these traces get reassigned to white Shenandoahans, further banishing enslaved people to the demonic grounds of Valley history. To address this, we need to switch from looking at what Valley histories say about the region and start looking at how they create versions of the Valley where Black lives are not allowed to matter.

Placing Slavery in the Demonic Grounds

Samuel Kercheval published the first history of the Shenandoah Valley in 1833.[4] As he was a member of a prominent local family, it comes as no surprise that Kercheval repeatedly mentions the "glorious" deeds of German and Scotch-Irish colonists, with special attention paid to conflicts with Native Americans. This creates an idealized version of the Valley, inhabited by heroic, hard-working white men (and occasionally their wives). Archival records show that some of these men were enslavers (Simmons 1997), and yet, Kercheval goes to great lengths to avoid mentioning this, or the women, children, and men they enslaved. This placed enslaved Shenandoahans in the demonic grounds of Valley history and created the misconception that white history and Valley history are one in the same. However, Kercheval does not rigorously maintain the boundaries of his demonic grounds, and Black Shenandoahans occasionally wander into his narrative as faceless, nameless enslaved people (1850, 43, 141–42, 314–15, 323), freedom seekers (1850, 66), or victims of Native raids (1850, 161, 174, 204). This often occurs when discussing Indigenous Americans, almost as if the presence of Native people dismantles

[4] Here I cite the 1850 Expanded and Revised edition of Kercheval's *A History of the Shenandoah Valley* instead of the first edition, as it is the more commonly read and cited version. However, one can find these same trends the first edition. Perhaps the largest difference between the first edition and the expanded edition is that the earlier version contained an appendix entitled "Notes on the Settlement and Indian Wars of the Western Parts of Virginia and Pennsylvania" by Joseph Doddridge. This appendix contained a chapter on the "cruelties of slavery" (Kercheval 1833, 386–93). This caused "the Slave-Holding Valley" to boycott the book until Kercheval removed Doddridge's appendix in the 1850 Expanded edition (J. E. Taylor 1989, 113–14). Some argue Kercheval was attempting to "thrust his lance into" the institution of slavery by including Doddridge's comments (J. E. Taylor 1989, 114). But we should note that Doddridge's only mentioned eastern Maryland, discursively placing the "cruelties of slavery" outside of the Shenandoah Valley and creating the false impression that if slavery existed in the Valley it was (more) benign.

Kercheval's demonic grounds, allowing enslaved people to enter the text and sow doubts about whether his work actually portrays what life was like in the 18th century.[5]

Kercheval's failure to maintain the boundaries of his demonic grounds highlights the fact that these places require more than removing people from historical narratives. They require strategies that let authors explain away rogue traces of enslaved life in ways that do not expose the fact that Black women and men are being systematically removed from these histories. Valley historians would later develop and refine these strategies, focusing on the argument that while some Shenandoahans may have enslaved Black Americans, most did not because slavery was incompatible with the Valley's ethnic, religious, and/or economic makeup. In other words, these scholars take instances where enslaved people made it into historical narratives and use them to argue that the very existence of enslaved Shenandoahans is at odds with the region's historical character, thereby further regulating enslaved people to the demonic grounds.

The earliest strategies, created around the turn of the 20th century, involved scholars citing the Valley's religious and ethnic makeup as the reason why white Shenandoahans did not participate in the institution of slavery. Most white Shenandoahans belonged to "outsider religions" (sensu Longenecker 2002) – namely Lutheranism, Quakerism, Presbyterianism, and various Anabaptist sects – that were not as widespread in other parts of the South. Using this, historians claimed that slavery did not spread throughout the Valley because it was at odds with local religious teachings (e.g., T. K. Cartmell 1909, 215, 521; Waddell 1902, 414–15; Wayland 1912, 133, 266, 250, 275). These scholars further argued that ethnicity played a role in the

[5] In these cases, Kercheval frequently uses racist tropes to discuss Black people. For instance, when describing one raid, he argues that an enslaved woman "killed her own child for fear it should fall into the hands of the Indians, or *hinder her from making her escape*" (1850, 174, my emphasis), rendering her an unfit mother – a stereotype many have used to demonize Black women (Collins 2000). He contrasts this with the woman's enslaver, who was captured in the raid, bravely attempted to kill her captors, and eventually escaped.

supposed lack of slavery in the region, arguing that "[t]he Scotch-Irish race had no love for" the institution while Germans opposed it "[a]s a general rule" because of the religious "persecution and oppression" they endured in Europe – experiences which "left a smoldering fire within them that blazed up anew" when encountering American slavery (Waddell 1902, 414–15; Wayland 1907, 179–87). These strategies for erasing Black history emerged as white Shenandoahans were creating a new commemorative landscape by erecting monuments to Confederate soldiers and white colonizers (Denkler 2008; 2010), with statues and history books working together to advance white supremacy.

While scholars repeated ethnic/religious-based claims for the lack of slavery in the region into the 1950s (e.g., Couper 1952; Gordon 1930; Kellar 1928; Morton 1920; U. B. Phillips 1929; Strickler 1924; Wayland 1927), by the mid-20th century new generations of Valley historians began doubting these claims (e.g., Wust 1969, 121). However, by then the underlying argument that enslaved Shenandoahans did not belong in Valley histories had become hegemonic, leading scholars to look for new explanations for the purported lack of slavery instead of asking if the relative lack of slavery was a historical reality. The most common explanation they came up with was that local agricultural practices made slavery unnecessary, as the Valley's wheat farms required less labor than the tobacco plantations in eastern Virginia (e.g., Couper 1952; Julia Davis 1945; Hart 1942; Schlebecker 1971; Wust 1969). Scholars studying other wheat-producing regions of the South have made this same argument (e.g., Fields 1985; Fogel 1985; Fogel and Engerman 1974; J. D. Rice 1995).

Up until this point, the removal of enslaved people from local histories was not a trend unique to the Shenandoah Valley (e.g., Herskovits 1941). It was not until the rise of African diaspora archaeology and the new social history in the 1970s that white scholars began talking

about the lives and contributions of Black Southerners (e.g., Ascher and Fairbanks 1971; Blassingame 1972; Genovese 1976; Gutman 1976; Orser 1984). What *is* unusual, however, is the fact that most Valley histories written since the 1970s have either continued to argue that agricultural practices in the region made slavery largely unnecessary (e.g., Comstock 1994a; Fennell 2017; Hofstra 2004; Mitchell 1977, 131) or have ignored slavery altogether (e.g., Boyd-Bragg 2005; Hofstra 1990; 2010; 2012; Hofstra and Mitchell 1993; Frantz 2001; Mahon 1999; Suter 1999; Tillson 1991). Ann Denkler (2010, 35) notes that these works often argue that the relatively "small" number of enslaved Shenandoahans makes studying them unnecessary. Yet, as she argues, these authors arbitrarily define the size of the region's enslaved population as being too small to study, often without pointing to extensive data from 19th-century census records to define what the author considers to be a "small" population, while simultaneously discussing at length the wealthiest families in the Valley, who comprised a smaller portion of the region's population than enslaved people. This logical slippage highlights the continued placement of enslaved Shenandoahans in the demonic grounds of local history, as these authors appear to be incapable of imagining a situation where enslaved lives could begin to matter in the Valley.

Studying the wealthiest families in the region is not a trend unique to late 20th-century historians, as local elites play prominent roles in most local histories. Many of these families enslaved people and those who write about them have developed strategies to minimize and contain this fact to prevent it from dismantling the demonic grounds their work reproduces. Some claim that white Shenandoahans found slavery "thrust upon them largely by the force of circumstances, and *endured it unwillingly*" (Wayland 1907, 179–80, my emphasis). Others romanticized the relationships between enslaved people and their enslavers (T. K. Cartmell 1909,

111, 202, 520–22). J.E. Norris (1890, 276), for instance, claims that an advertisement for the sale of an enslaved woman in 1833 bore:

> a stamp of humanity about it that gives the lie to the wholesale charge of heartlessness on the part of those who owned slaves. Those who have never lived among the 'institution' as it existed in the [Antebellum] days cannot realize the verity of it.

This "stamp of humanity" was simply the fact that the woman's enslaver specified that she would not be sold into the interstate slave trade (also see Norris 1890, 485). These discursive strategies redirect attention from enslaved people and towards their enslavers, thereby maintaining the demonic grounds of Valley history.

Late 20th-century works take a different approach. Within the Valley, Clarke County contained the highest amount of enslaved people, many of whom were enslaved by absentee planters of English descent. Using this, scholars claimed that Clarke county was inherently different from the rest of the Valley and that this difference led slavery to thrive there and not in the rest of the region (e.g., Bliss 1951; Hofstra 1999; Mitchell 1977). However, census records show otherwise. In 1840 (four years after the formation of Clarke County), enslaved people accounted for over 20% of the population in four other Valley counties (Augusta, Jefferson, Rockbridge, and Warren), and 26.34% of households in Frederick County enslaved people (US Bureau of the Census 1840a; 1840c; 1840d; 1840e; 1840g). Despite arguments that larger plantations were common in Clarke, 85.12% of enslavers in Clarke County enslaved less than 20 people (US Bureau of the Census 1840b). Furthermore, counties and municipalities throughout the region also passed and enforced laws that supported slavery. Slavery was more pronounced in Clarke, but it was deeply entrenched throughout the Valley. This discursive amputation of Clarke County from the rest of the Valley prevents traces of slavery in the one place where they are most likely to come to the forefront from dismantling demonic grounds in the rest of the

region, and, yet again, transforms the presence of slavery into a discussion of the ways slavery was supposedly incompatible with the region's character.

Enslaved people are not the only group that has been systematically removed from Valley histories. Scholars routinely left out Women, Irish immigrants, landless laborers, and Free Black individuals. But these other groups were simply ignored, left unmentioned until the late-20th century. As the preceding pages show, enslaved people were not simply left out. Historians made up reasons why slavery and enslaved people could not have existed in any meaningful way. This tactic was never used to erase the possibility that these other groups lived in the Valley. We see no discussion of women being antithetical to wheat agriculture, or Scotch-Irish being opposed to the presence of Irish immigrants. These are ridiculous examples, but they are no different than the arguments presented above. This means that telling the stories of Irish immigrants in the Valley or women from poor and middling families is simply a matter of adding new stories to the Valley while telling the stories of enslaved Shenandoahans requires overturning decades of scholarship that confined enslaved people to the demonic grounds of Valley history.

Removing Slavery from the Demonic Grounds

Scholars did not begin studying slavery in the Shenandoah Valley and dismantling the carefully constructed demonic grounds discussed above until the 1990s (C. C. Ballard 1998; Brundage 1990; C. B. Dew 1994; Simmons 1994; 1997). To introduce these works, I begin by summarizing what they have added to our understanding of Valley history and the ways they have shown that the strategies used to place slavery in the demonic grounds of local history do not reflect historical realities. Following this, I discuss the shortcomings of these works, especially how they homogenize the institution of slavery and inadvertently continue to obscure and silence the histories of enslaved Shenandoahans.

White colonists brought enslaved people into the Shenandoah Valley in the 1730s. While the number of enslaved Shenandoahans was relatively small at first, with only 760 enslaved people in the Valley by 1755 (Mitchell 1977, 96), local courts actively reinforced the institution (Simmons 1997), laying the groundwork for slavery to flourish in the region. The second half of the 18th century saw slavery spread throughout the Valley, with enslaved people accounting for 9% of the population by 1790 (Mitchell 1977, 99) and 14% by 1800 (see Figure 2). White Shenandoahans chose to become enslavers for a variety of reasons (McCleskey 2014, 125; Simmons 1994, 17–18). While Scotch-Irish were more likely to enslave people than Germans, families that could afford to become enslavers generally did so regardless of their ethnic background (McCleskey 2014, 129; Simmons 1997, 164). As we see throughout the Americas, Valley enslavers considered Black women, children, and men to be a source of inter-generational wealth, and they use the legal system to ensure that the people they enslaved would be inherited by their children (Brophy and Thie 2016; McCleskey 2014). By 1810, 31% of all households in Frederick County enslaved at least one person (US Bureau of the Census 1810a) (Appendix A, Table 4). While early enslavers predominantly purchased newly arrived Africans, many bought people from eastern planters, a trend that increased over time, eventually accounting for the vast majority of enslaved people brought into the region (McCleskey 2014, 130–31). Valley merchants often facilitated this by working as slave traders (McCleskey 2014, 127, 132). Fueled by the region's growing prosperity, the number of enslaved people in the Valley doubled from 1800 to 1840 (see Figure 2), while the economic downturn of the mid-19th century resulted in a decrease in the region's enslaved population as many enslavers emigrated, forcing enslaved Shenandoahans to accompany them, while others sold people into the interstate slave trade (Koons 2000a, 232; also see Denkler 2008; 2010; 2020).

The majority of enslavers in the Valley enslaved relatively few people (Koons 2000a; Simmons and Sorrells 2000), a trend we can see with census data from Fredrick and Clarke Counties (US Bureau of the Census 1830a; 1840b; 1840c; 1850c; 1850d; 1860b; 1860c) (Appendix A, Tables 5-12). Between 1830 and 1860, just over half of enslavers in Frederick County enslaved less than four people.[6] Most Clarke County enslavers enslaved less than seven enslaved people in 1840 and 1850, and fewer than five people in 1860. Yet, as Kenneth Koons (2000a) notes, these figures give the false impression that enslaved Shenandoahans were largely isolated from one another. In 1830 and 1840, just under half of all people enslaved in Frederick County were enslaved by households that enslaved at least eight people, and approximately a quarter were enslaved by households that enslaved at least 14 people. By 1850 and 1860, this increased to just under half of all enslaved people being enslaved by households that enslaved at least 10 people and approximately a quarter were enslaved by households that enslaved at least 15 people.

Given the relatively small number of people most white Shenandoahans enslaved, enslavers often worked alongside Black women and men in the fields (McCleskey 2014; Koons 2000a; Simmons 1994; Simmons and Sorrells 2000). While this intimacy led earlier scholars to argue that Valley slavery was benign (e.g., Strickler 1924; Wayland 1927), first-person accounts of slavery in the region show that enslavers routinely used violence to terrorize and discipline enslaved people (e.g., B. Dew 1856, 45–52; Page News & Courier 1932; Perdue et al. 1976, 243; Robinson 1972; Sims 1972; Still 1872a; 1872b; Veney 1889). Most studies of slavery acknowledge this violence and the effects it had on enslaved Shenandoahans.[7]

[6] The 1830 figures come from the Western District of Frederick County, all of which remained in Frederick County after Clarke County was formed from eastern Frederick County in 1836.

[7] The exception to this is Susanne Simmons (1994, 55; also see Simmons and Sorrells 2000), who argues, without evidence, that the "military-style discipline that characterized plantation societies" did not exist in the region.

While one strategy for silencing slavery in the Valley argued that wheat's labor requirements made slavery unnecessary, the mixed farming that dominated Valley agriculture required substantially more labor than previously acknowledged. Using diaries kept by local farmers, Kenneth Keller (Keller 2000, 27) demonstrates that enslaved Shenandoahans worked long, hard days throughout the year (also see Chapter 5). Gavin Wright (2003) further discusses the emergence of wheat cultivation in eastern Virginia, where the adoption of this cash crop did not result in large-scale changes in the number of people eastern planters enslaved (also see Berlin 1998; Clemens 1980; Gill 1978; Neiman 2008). As slavery became more common in the Valley, enslavers developed a widespread system of hiring, where local farmers rented out enslaved people, often for one year (C. C. Ballard 1998; Koons 2000a; Simmons 1994; Simmons and Sorrells 2000), a practice used in other wheat-producing parts of the South (e.g., Pargas 2010; Schermerhorn 2011; Zaborney 2012).

By the 1840s most white Shenandoahans supported slavery to varying degrees and even those who proclaimed that the institution would "undermine and destroy everything like virtue and morality" favored a gradual emancipation that would leave the institution largely intact for years, suggesting that even they could not fully envision a world without enslaved people (Longenecker 2002, 121–24). Simmons and Sorrel (2000) argue that hiring served as an important mechanism through which slavery became hegemonic in the Valley, as it transformed a large number of white Shenandoahans into temporary enslavers. Changes in religious practices also contributed to this transformation. The Valley's largest 18th-century denominations – Lutheranism and Presbyterianism – both supported the institution, although Presbyterians were more likely to become enslavers (Longenecker 2002, 127–28). In the late-18th century, Baptists began suppressing earlier anti-slavery sentiments and by the early-19th century, many Valley

Baptists had become enslavers (Longenecker 2002, 129). Similarly, early-19th-century Methodists opposed slavery, but as the Methodist Revolution swept through the Valley many enslavers converted, resulting in a gradual dismantling of the sect's anti-slavery views. By the mid-19th century, most Methodist congregations supported slavery (Longenecker 2000; 2002, 142–50). By 1850, this left four smaller groups – Dunkers, Mennonites, Quakers, and Reformed – as the Valley's sole anti-slavery voices. Yet even these could not fully separate themselves from the growing influence of slavery in the region, as members of these denominations enslaved people (Longenecker 2002, 137–42). Scholars have also written extensively about slavery during the Civil War (Ayers 2017; Noyalas 2021; Koons 2018; Berkey 2003a; 2003b), providing important insights into what life was like for enslavers and enslaved alike while the institution of slavery was being violently dismantled in the Valley.

By studying and writing about slavery in the Shenandoah Valley, this new wave of scholarship has begun dismantling the demonic grounds previous historians have created. Yet, the mere fact that they perform this invaluable work does not mean that we should not critique these narratives. While they disrupt the argument that slavery is superfluous to our understanding of the Valley by demonstrating its connection with and contributions to local political economies, a closer look at how they do this reveals an unsettling trend. Despite this new focus on slavery, enslaved people themselves remain largely hidden, and their stories are left untold.

Here we need to distinguish between studying slavery as a homogenized institution and studying the various people, practices, and discourses through which this institution, and the lives of those enslaved by it, came into being. Taking a homogenized approach collapses the people, things, and discourses that comprised slavery in the Shenandoah Valley – such as enslaved people and their labor, enslavers and the technologies of terror and control they

implemented, and the political economies that allowed slavery and local agriculture to flourish – into a single analytical category. In other words, this blackboxes slavery (sensu Latour 1999), silencing its inner components to create a more uniform narrative. Blackboxing slavery may make sense for some types of analysis (Fowler 2013, 52), especially when talking about slavery writ large, and how it interacted with other institutions in the Valley. What this blackboxing is not good for, however, is addressing how slavery operated and the ways it shaped the lives of enslaved Shenandoahans across generations. Furthermore, because enslaved people are part of these blackboxes, histories of Valley slavery do not present enslaved people as historical actors in their own right – a role that only white Shenandoahans play in these narratives. The alternative approach to homogenizing and blackboxing slavery is to open up this analytical category and study the various people, materialities, economies, discourses, and institutions through which it operated. Doing so allows us to study the lives of those enslaved in the Shenandoah Valley, to ask what their lives were like and how they contributed to the region's political economies.

This is not to suggest that enslaved lives are completely absent from discussions of Valley slavery. Scholars mention the labor performed by enslaved people (Keller 2000, 27; Koons 2000a), the participation of enslaved Shenandoahans in local economies (Simmons and Sorrells 2000, 177–78), the families they created (Katherine L. Brown 2009, 27–43; Denkler 2020; Longenecker 2002, 124; Simmons 1994, 58–60), the congregations they worshiped in (Longenecker 2002, 130–35; Simmons 1994, 52–55), and even enslaved people striking back at their oppressors (Denkler 2020; D. A. Lee and Hofstra 1999). However, these are only used as details to round out larger stories of slavery and never treated as subjects of inquiry in-and-of themselves. The one exception to this is Jonathon Noyalas's (2021) study of Black Shenandoahans during and immediately after the Civil War, which places its full emphasis on

Black women, children, and men. However, we still lack a detailed study of enslaved life in the Shenandoah Valley before 1861.[8]

The existing literature's inattention to enslaved life is partly the result of the sources they draw on, usually consisting of census records, legal statutes, and personal documents written by enslavers – an incredibly useful archive, albeit one with some severe limitations (see Hartman 2008). Often scholars supplement these with narratives of people formerly enslaved in the region, especially the story of Bethany Veney (1889), which contains detailed information on a narrow range of topics. While previously unused documents like merchants' ledgers can add new dimensions to our understanding of enslaved life, archaeology provides a body of evidence that can be used alongside written documents. Using written and archaeological sources, *Assembling Enslaved Lives* sets out to provide the first in-depth history of some of the enslaved people in the Shenandoah Valley before 1861. But just having this data is not enough, as enslaved *life* has been left out of previous works because the questions scholars asked, and the ways they answer them, have not focused on the lived experiences of enslaved Shenandoahans (also see McKittrick 2013; 2014). Avoiding this requires new ways of theorizing enslaved life in the region, and these are the topics of Chapters 2 and 3.

[8] Denkler's recent study of slavery in the Valley (2020) places more of a focus on enslaved people than earlier works, but the main focus of her work is how slavery has been erased from Valley histories – a topic which lead the bulk of her analysis to focus on White Shenandoahans (especially historians) instead of the live of enslaved women, children, and men.

Chapter 2: Thinking with Assemblages

All that you touch you change. All that you change changes you.
(O. E. Butler 2000, 3)

In this chapter, I introduce assemblage thinking and use it to craft a theoretical and methodological framework that focuses on the effects that radiated outward from enslaved people's interactions with the things, plants, animals, places, institutions, discourses, and non-enslaved people that made up the Shenandoah Valley's political economies. While I use examples from enslaved life in the Shenandoah Valley to illustrate this way of thinking and the methods I derive from it, I provide a more extensive treatment of slavery in the following chapter, which explicitly combines assemblage thinking with critical insights from Black studies.

I would like to start by posing a rhetorical question – why is this study necessary? Why spend time and money researching the lives of those enslaved in the Shenandoah Valley when we could use existing literature on enslaved people in other parts of the South to describe their lives? While we can answer this in several ways, they all hinge on the assertion that the Valley is different from other parts of the South, and even from other parts of Virginia. Here, large numbers of German and Scotch-Irish descended people interacted with specific sets of materialities, practices, and institutions to create Valley-specific political economies. To explore what life was like for those enslaved in the Valley, we must attend to the people and things that made it unique because these shaped the lives of enslaved Shenandoahans. Because each of these affected enslaved people, we need a theoretical framework that highlights how parts (ceramics, racializing notions, etc.) come together to form wholes (enslaved life, political economies, etc.). Furthermore, to theorize how enslaved Shenandoahans affected the worlds around them, we need

to be able to think about how parts are affected by the fleeting, porous, and perpetually shifting wholes they help create.

Contextual archaeology (e.g., Hodder and Hutson 2003; Johnsen and Olsen 1992; Shackel and Little 1992), and fragmentation studies (Chapman 2000; Chapman and Gaydarska 2007) address how parts create wholes. However, these overemphasize wholes, obscuring the physical capabilities of, relationships between, and alterations to their constituent parts (Hamilakis and Jones 2017, 83; O. J. T. Harris and Cipolla 2017, 146–47; Henare et al. 2007, 3; A. M. Jones 2004, 328; A. M. Jones and Alberti 2013, 27–30). Connecting this to last chapter's discussion of slavery, contextual archaeology and fragmentation studies would let us see how enslaved people, local elites, merchants, wheat, ceramics, and local laws contributed to the Valley's political economies. However, doing so would put our emphasis on these political economies and not on the people, things, and discourses that composed them. In other words, we would blackbox (sensu Latour 1999) slavery, making it hard to see how the individual components of Valley political economies interacted in ways that fundamentally changed these people, things, and discourses. Addressing these is important because, again, blackboxing slavery can lead us to focus more on slavery as a homogenized institution than on enslaved women, children, and men. To use another example, Patricia Samford (2007) uses contextual archaeology to study the role subfloor pits (small cellars used to store food and/or personal items) played in the creation of creolized Black Virginian cultures. But her focus on creolization leaves us with relatively little information about how these new cultural understandings affected the ways enslaved Virginians interacted with the world around them.

So instead, I turn to a third theoretical tradition – assemblage thinking. This also focuses on how parts work together to create wholes. But it provides a more open framework, one that

lets us tack between the emergent effects that come about when people, plants, animals, and things come together and interact and the ways that these effects come to shape the parts that created them. In other words, it is not just about what goes into making a whole, but about understanding the process of fitting together that occurs when things come together and tracing out the various way these processes shape the things that create them and the broader worlds they are entangled in. This lets us see how enslaved people both affected and were affected by the Valley's political economies. Returning to Samford's research, an assemblage-based approach to creolization would focus on how new creolized world views changed how enslaved people interacted with the people, things, and discourses around them. What this ultimately gives us is a more expansive view of how people affect and in turn come to be affected by the sociomaterial worlds around them than other theoretical frameworks can offer.

Assemblage Thinking

As an assemblage, a book has only itself, in connection with other assemblages and in relation to other bodies…. We will never ask what a book means, as signified or signified; we will not look for anything to understand in it. We will only ask what it functions with….
(Deleuze and Guattari 1987, 4)

Assemblage thinking is a broad body of literature within the new materialism (in)directly influenced by the work of Giles Deleuze and Felix Guattari (e.g., Deleuze 1994; Deleuze and Guattari 1977; 1987; 1994).[9] The initial wave of new materialism-inspired archaeologies (e.g., Alberti and Marshall 2009; Gosden 2005; Hodder 2012; Malafouris and Knappett 2008; Olsen 2003; 2010; Witmore 2007; Knappett 2011) did not engage with assemblage thinking (but see Conneller 2004; Sofaer 2006). However, archaeologists have increasingly adopted assemblage-

[9] I follow Yannis Hamilakis (2017) and Helen Briassoulis (2017, 214) in referring to this literature as assemblage thinking instead of assemblage theory, which avoids equating the various interpretations of Deleuze and Guattari with the work of Manuel DeLanda (e.g., 2016), who refers to his work with assemblages as assemblage theory, while also emphasizing that this provides an open-ended way of thinking instead of a single, unified theory (contra Nail 2017).

based frameworks in the past decade (Hamilakis and Jones 2017) to explore archaeological practice (e.g., H. Cobb and Croucher 2014; R. Harrison 2011; Lucas 2012), households and communities (e.g., Gilmore 2016; O. J. T. Harris 2014; Marsh 2016; Maxwell and Oliver 2017), burials and bodies (e.g., Crellin 2017; Fowler 2013; Hamilakis 2013; Novak and Warner-Smith 2020a), identities and personhood (e.g., Conneller 2004; Jervis 2017; Law Pezzarossi 2014), and, colonialism, power, and capitalism (e.g., Cipolla 2018; Cipolla and Allard 2019; Corcoran-Tadd and Pezzarossi 2018; Duke 2019; Khatchadourian 2016; Pezzarossi 2015a; 2015b; 2019; Pezzarossi and Kennedy 2019; A. T. Smith 2015).

Some argue that assemblage thinking must strictly adhere to the work of Deleuze and Guattari (e.g., I. Buchanan 2015; 2017), while others propose reinterpreting and reinventing their work (e.g., Colombat 1991; Fowler 2013; Weheliye 2014, 47). I take the latter approach, with my understanding of assemblages owing as much to Antonio Benítez-Rojo (1996), Manuel DeLanda (1997; 2011; 2016), Édouard Glissant (1989; 1997), Elizabeth Grosz (2008), Yannis Hamilakis (2013; 2017; Hamilakis and Jones 2017), Jasbir Puar (2007; 2012; 2017), Anna Tsing (2005; 2015), Adam Smith (2015), and Alexander Weheliye (2014) and allied scholars Sara Ahmed (2007), Judith Butler (1993), and Michel Foucault (1980; 1990; 1995) as to Deleuze and Guattari. This creates an at-times idiosyncratic view of assemblages based on my reinterpretation of others' ideas, and I explain any major alterations I make to these views in the footnotes instead of the main text to make this chapter more readable.

Assemblage thinking argues that essences, internal qualities that "uniquely and necessarily define" things, do not exist (Nail 2017, 23). Instead, everything – people, plants, animals, practices, discourses, institutions, and ceramic sherds – exist as intricately entangled

assemblages.[10] Here, "assemblage" does not refer to a collection of artifacts (Hamilakis and Jones 2017; Joyce 2010; A. T. Smith 2015, 43–47). Instead, "assemblages" in assemblage thinking refers to both a process, an "action of matching and fitting together a set of [heterogeneous] components" that come to function together as a contingent whole (DeLanda 2016, 1), and the wholes (e.g., people, institutions, economies) that are composed from interactions between these parts (Nail 2017, 22). Assemblages are not just the sum of their parts, but the sum of their parts *plus* the sum of the contingent and ever-shifting effects created when their parts interact.

Admittedly, the English word "assemblage" does not quite express the active nature of these groupings. In their original work, written in French, Deleuze and Guattari used the term *agencement*, which refers to both a process and a product (J. Phillips 2006, 108). The first English translations (Deleuze and Guattari 1981) used "assemblage" to refer to Deleuze and Guattari's concept of "agencement," and most Anglophone scholars, especially archeologists, continue to use "assemblage." Some English-language texts (e.g., Gherardi 2016) try to avoid confusion by using "agencement," but I use "assemblage" in keeping with the existing archaeological literature. That being said, I also find it helpful to think about and refer to assemblages as the act of composing and as the compositions created by these acts, both because of the musical connotations of composing (the act of arranging elements together to produce a song that is made to be more than the sum of its notes by the way they play off one another) and

[10] I follow Chris Fowler (2013), Hamilakis (2013; 2017), and Oliver Harris (2014; 2017) in seeing assembles as composed of corporeal (e.g., physical things) and non-corporeal entities (e.g. discourses, world views).

the destructive connotations of decomposition (where compositions fall apart as their elements no longer function together in the same way).[11]

Heterogeneity plays an important role in assemblage thinking, undermining the theoretical underpinnings of essentialism which require homogeneity to create and maintain essences.[12] Even when we look at seemingly homogenous assemblages, say the 1760s military garrison at Fort Loudon (see Chapter 1), we see class divisions and people with different life histories, sexualities, habits, etc. This garrison was also composed of multiple species, as without Valley beef and wheat it could not survive, and the political economies that brought food to the garrison played a critical role in maintaining it. Rather than being problematic, these differences allowed the garrison to operate (e.g., Braidotti 1994). Without rank and class divisions, for instance, military officers could not give orders. This heterogeneity is also temporal. Assemblages do not stay the same throughout time. Instead, they change as old parts leave, new parts enter, and/or relationships between parts change, forcing the composition to become something new. This makes assemblages perpetually open-ended and "defined" by their "capacity to undergo permutations and transformations" (Grosz 1993, 170).

Every part of these contingent compositions matters, for without each of them these wholes would emerge differently (Bennett 2010). Once brought together, these parts act upon one another, creating a series of cascading effects that form these emergent wholes (e.g.,

[11] Deleuze and Guattari (1994) and Elizabet Grosz (2008) also use the term composition in their works, but they reserve the term for discussions of art. However, here I draw inspiration from Monica Allewaert's (2013) use of (de)composition to talk about a variety assemblages.

[12] This focus on heterogeneity maps onto discussions of pluralistic contexts – "spaces, sites, and settlements created and inhabited by the diverse people brought together by structural forces of the modern world" (Phillippi 2018, 6) – that have increasingly gained favor in archology since the 1990s (e.g., Agbe-Davies 2018; Lightfoot 1995; Lightfoot et al. 1998; Matthews and McGovern 2018; Hutchins-Keim 2018). However, defining some contexts as plural creates a binary in which others must be defined as singular/homogenous; otherwise all contexts would be plural, and the term has no meaning. Yet, when we consider the various types of people, materials, discourses, and institutions that proliferate in *all* the places we study we cannot say that places are ever homogenous. This makes assemblage thinking a better theoretical starting point for the study of heterogeneity.

DeLanda 2016; Tsing 2015). This is not to say that every part has the same impact on the overall composition, but simply that each helps to create effects that would not be possible without them (W. Harris 1990, 179; Murray-Román 2015). At the same time, these effects transform the parts that created them.[13] To be part of an assemblage is to have the ability to affect other components while being affected by them (e.g., Deleuze 1988, 71). This aspect of assemblage thinking is in line with Michel Foucault's (e.g., 1990; 1995) views on power, which he argued is distributed throughout collectives, letting each and every part affect how political relations operate (also see Deleuze 1988; Deleuze and Guattari 1987, 530–31).

Assemblages operate at multiple scales, from the subatomic to the galactic. Their components can simultaneously belong to an infinite number of assemblages while themselves being composed of other assemblages (O. J. T. Harris 2017). Considering these scales, assemblage thinking adheres to a flat ontology or the understanding that there is no *a priori* hierarchy amongst these groupings, which suggests that we may approach assemblages that operate at different scales using the same sets of concepts (DeLanda 2002; O. J. T. Harris 2017, 129–30; Jervis 2014, 24). In other words, we can see biological cells and global capitalism as assemblages, as entities created by the action of fitting together heterogeneous components that function together, and which become entangled in a series of other assemblages. This also points to a key difference between assemblage thinking and more hieratical approaches like systems theory (which influenced Deleuze and Guattari's theorizations), because determining how an overall "system" (or assemblage) works and operationalizing this knowledge is not more important than understanding the parts that come together to form that system and how being

[13] Deleuze and Guattari and others argue here that these effects also allow one assemblage to impact another. However, for Assemblage 1 (for lack of a better name) to impact Assemblage 2 these would need to be fitted together in another, larger assemblage (say Assemblage 3), and therefore these affects would be better described as the impact of one part of Assemblage 3 acting on another part of Assemblages 3.

part of this system affects them. In other words, studying the parts of a system for their own sake is equally important as studying the system as a whole. This critique generally applies to contextual archaeology and fragmentation studies as well (see above). Assemblage thinking's ontological sameness, however, does not mean that cells and global capitalism are the same, as they are composed of different parts that interact in different ways and produce different effects (Tsing 2015, 37–39). But we can use assemblages to theorize both. Flat ontologies also do not imply that hierarchies cannot form within assemblages, but that such orderings are temporary and contingent, and that we must always question how and why hierarchies emerge instead of naturalizing their existence or downplaying their effects (Janae Davis et al. 2019, 7; DeLanda 1997; Deleuze and Guattari 1987; Saldanha 2012, 195).[14]

At this point, an example may help to reinforce our understanding of what an assemblage is. So let us look at Sally, a farmer enslaved at Belle Grove in the late-18th century (I. Hite 1785). As a person, she is an assemblage (albeit a different type of assemblage than a political institution or a ceramic sherd), composed of various corporeal (cells, tissues, substances, etc.) and noncorporeal elements (cultural understandings, habitual practices, emotions, etc.). Who Sally was as a person emerged across her life course from the contingent ways these heterogeneous components interacted with one another (Berry 2017; Frost 2016). Her cells died

[14] This heterarchical point is critical assemblage thinking's political dimensions, where Deleuze and Guattari's concepts of state logic, striated spaces, arborescences are used to describe the ways contingent hierarchies emerge from (as they put it) nomadic, smooth, and/or rhizomatic collectives, and how these orderings may decompose, melting back into the unordered spaces from whence they came. This ability to explore hierarchies makes assemblage thinking more useful than the Deleuze-inspired work of Tim Ingold (e.g., 2011) – who eschews hierarchal orderings instead of critically engaging with them – when exploring situations where the emergence of rankings come to have a very real effects on the people we study, such as the violent hierarchies that enslaved Black people in the Shenandoah Valley. Furthermore, as Glissant (1997, 11–12) argues, the complete rejection of hierarchies (as we see with Ingold) creates an ontological hierarchy its own, wherein the hierarchal orders are seen to be lesser than unstructured collectives, a view which "reverts to the ideological claims presumably challenged by this thought." In many ways this issue maps onto critiques by scholars of color against the "complete disavowal of subjectivity" in most of assemblage thinking (e.g., Glissant 1997; T. L. King 2017; Spivak 1988; Weheliye 2014, 48).

and were replaced. Her muscles and tendons were torn apart, and rebuilt, as she worked the plow. Perhaps an accident harvesting wheat left her with "a large scar on one of her arms near the hand, cut by a scythe" (Tallman 1793). Her understanding of the world and how she moved through it changed as she aged and as she encountered new phenomena (new varieties of wheat, new laws restricting her ability to buy or sell things, etc.) that required novel explanations and/or practices (Deleuze 1994). As a result, these new entities became part of the assemblage that formed Sally.

Similarly, assemblages that we may call social structures impacted Sally's composition. She was a part of the assemblage through which slavery operated. Being part of this assemblage affected Sally in numerous ways, making her more subjectable to sexual violence and certain types of bodily injury than white women. Plowing fields, sowing seeds, and threshing wheat brought her into agro-capitalist assemblages that generated profit (an emergent effect) by connecting flour milled from Valley wheat with hungry people throughout the Atlantic world. When Sally bought items from local merchants, she participated in other sets of capitalist assemblages, the contours of which she could impact (at least to some degree) by exchanging money and/or goods for commodities. Participating in these compositions also allowed Sally to change when she bought medications to alleviate aches and pains brought on by agricultural labor, or food to stem the hunger pangs brought on by inadequate rations.

Assemblages help us think about enslaved life in the Shenandoah Valley by theorizing how the lives of enslaved people (which we can see as assemblages) emerged in and through their interaction with the grain, hunger, ceramics, market towns, and architecture that made up the Valley's political economies (which we can also see as a series of assemblages). We can address how components of these Valley-specific political economies affected enslaved life in

the Shenandoah Valley, creating ways of living that were unique to the region. We can also dynamically address how enslaved people affected the Valley's political economies (its people, ceramic industry, agro-capitalism, biopolitical regimes, racializing notions, etc.) by interacting with its grain, market towns, ceramics, and landscapes. Because enslaved people were part of these political-economic assemblages, they contributed to them and these contributions must be acknowledged if we are to create a fuller account of the Valley's history. This provides a fundamentally different view of enslaved Shenandoahans pre-1861 than seen in previous histories, one which sees Black women and men as historical agents who shaped the region's political-economic development. Now that we have a basic understanding of assemblages, we can address its focus on effects and the ways certain assemblages repeat across time and space, both of which are critical for operationalizing assemblage thinking.

Poetics of Friction

Opacities can coexist and converge, weaving fabrics. To understand these truly one must focus on the texture of the weave and not on the nature of its components. For the time being, perhaps, give up this old obsession with discovering what lies at the bottom of natures
(Glissant 1997, 190)

Deleuze and Guattari (1987, 4, my emphasis) state that they are not interested in what an assemblage "means" and "will never look for anything to understand *in it*," for to do so would be to mine its depths in search of an essence. Instead, they (1987, 5, 257, my emphasis) argue that "[w]e know nothing about [an assemblage] *until we know what it can do*" – how its parts interact to create emergent effects that transform the assemblage as a whole and the parts that compose it (also see M. H. Johnson 2013).[15] This is not to argue that meaning cannot emerge from assemblages, as the creation of meaning may be one of the things that an assemblage does, but

[15] In the original quote, Deleuze and Guattari state that we know nothing about "a body" until we know what it can do. I follow Ian Buchannan (1997, 74) in seeing Deleuze and Guattari's use of the term body in this context as another way of saying assemblage.

we should focus on actions, doings, and effects (and potentially the meanings that emerge from them) instead of hermeneutically deciphering inherent meaning in things and actions we study that "uniquely and necessarily define" them (contra Hodder 1999; Johnsen and Olsen 1992).

Édouard Glissant (1997, 189–91) further argues that searching for meaning reduces an "irreducible singularity" down to a single factor (or set of factors). For example, we could look at James, an enslaved man who bought a set of teacups and saucers from a Jefferson County merchant on 4 January 1797 (Account Book 2 1797, 340). If we want to find an inherent meaning in this action, a singular motivating drive that lead James to buy these teacups, we could argue that he was attempting "to maintain or change the physical and social conditions of [his] existence" (Heath 2017, 3) by signaling his socioeconomic worth to other enslaved people (e.g., Galle 2010), performing various identities (e.g., Wilkie and Farnsworth 2005), or subverting the institution of slavery (e.g., Symanski 2012). Or, we might argue that this act meant all three things at once. Yet, because this action emerged from a heterogeneous mixture of needs, tastes, desires, global trade networks, the ceramics the merchant had available, the constraints of slavery, and James's ability to buy teawares, reducing this action down to a single factor, or even three factors, is problematic. To find inherent meaning in this assemblage we must find something that "uniquely and necessarily define[s]" James's action by emphasizing some components and downplaying others (Nail 2017, 23; also see Trouillot 1995).

Some might argue that making these kinds of choices and ascribing meaning to James's action is the only way we can tell his story. But Glissant (1997, 25, 32, 190) provides a different approach, one that avoids the temptation to reduce this action to a single factor by instead describing its poetics.[16] Put differently, we should identify the components of James's action-

[16] Glissant (e.g., 1997, 190–93) describes this as granting a "right to opacity" to those we study. In many ways we can see this as a way of granting the ethnographic right of refusal (e.g., Shange 2019a; Simpson 2014) to people who

qua-assemblage, look at how these components interact, and address how these interactions created effects that changed this assemblage and its parts (also see Lincoln 2011, 6; R. R. Phillips 2002, 118). Again, meaning might be something that emerges from poetics, but studying meaning in this way positions meaning as contingent and ever-shifting instead of something inherent. It is important to note that Glissant's poetics have been criticized for an inattention to power and affect (Palmer 2017; Trouillot 2002), but this criticism is aimed more at the way scholars (including Glissant) use the concept than a flaw in this methodology (also see Chude-Sokei 2018). In this way, poetics lets us identify components and effects that we might not have noticed otherwise (Tsing 2015, 17–25), and the meanings politics, and emotions that emerge from them. Exploring the poetics of James's act of consumption would mean asking how the various components (needs, desires, supply chains, etc.) that made up this assemblage played off one another to create a series of effects that impacted local economies, the institution of slavery, and James's ability to consume beverages and connect with the people around him.

While poetics provides a general approach for working with assemblages, connecting it with Anna Tsing's concept of friction focuses our efforts on "the awkward, unequal, unstable, and creative qualities of interconnection across difference" that occur within assemblages (Tsing 2005, 4; also see Glissant 1997, 138; T. L. King 2019; Macharia 2019; Tinsley 2008).[17] Friction is required for movement to occur. [18] The friction generated when a wheel "encounter[s]… the

cannot chose if they want us to dissect their lives to explore the meanings behind their actions, or who, even in life, might not have been able to legally consent to this (also see Liebmann 2012, 8; Reilly 2019, 39).

[17] While Tsing explicitly states that the elements she is interested in studying with friction are universalizing notions (e.g., capitalism) and local conditions (e.g., Indonesian forests and the people who interact with them), her work can be expanded to include the diverse materialities, practice, and institutions that come together in acts of assemblage.

[18] Oftentimes scholars refer to the movement of things into and out of assemblages as "flow" (e.g., Cipolla 2018; DeLanda 1997; Deleuze and Guattari 1987). Yet, as Rockefeller (2011) argues, this creates a managerial view of these movements that elides the complex and oftentimes violent actions that propel flows (also see Tsing 2005, 5). Therefore, adding Tsing's concept of friction into assemblage thinking helps to avoid this by refocusing out on the sociomaterial processes that allow things to move through assemblages (also see Pezzarossi 2020).

surface of [a] road" allows it to move; without friction, the wheel goes nowhere (Tsing 2005, 5). Friction is also transformative, wearing down both the wheel and the road, affecting how they act in future assemblages. Despite the resistive connotations of friction, it makes *and* unmakes hegemonies and political economies (Tsing 2005, 6; also see Ingold and Hallam 2014). Capitalist and colonial assemblages operate by debilitating certain groups of people, slowly grinding down workers' bodies to allow for the maximum accumulation of profit or maiming colonized people to perpetuate white supremacy (Puar 2017). We see this in the Shenandoah Valley, where men who owned their own farms lived, on average, 16 years longer than white laborers and enslaved men (Buck 1996; 1997a; 1997b) (Appendix B, Tables 1-3).[19] Without the grinding force of friction and the premature deaths they created, political-economic assemblages would not function, making violent effects a feature of capitalism and colonialism instead of an accidental byproduct. To explore how things grind against one another within assemblages and how these "heterogeneous and unequal encounters can lead to new arrangements of culture and power" is to engage in the poetics of friction (Tsing 2005, 5).

While Tsing uses friction as a metaphor, we can see it as a material process (also see Ingold and Hallam 2014; T. L. King 2019; Tinsley 2008). Friction between a spoon and the sides of a bowl allowed an enslaved woman to scrape food off the vessel's side while marring the surface of the utensil and the ceramic. Friction generated by the interaction between this woman and the scythe she used to reap wheat helped create agro-capitalist assemblages that generated profit for her enslavers and potentially debilitating injuries for herself. To engage in the poetics of friction, at least from an archaeological perspective, is to look for the impressions things left on each other (Ahmed 2004). To put this another way, our goal is to identify the traces left by

[19] The average lifespan of farmers was 57 years (n=136), while enslaved men (n=82) and white laborers (n=42) lived on average 41 years. Data is from Frederick, Warren, and Shenandoah County.

friction and craft historical narratives from them (Joyce 2006; 2012; 2015). Following Trouillot (1995, 29), such traces can be artifacts, but they may also be "buildings, dead bodies, censuses, monuments, diaries, [or] political boundaries." Returning to James purchasing the teawares, traces left by this assemblage may be seen in the ledger that recorded this event and in the broken sherds we might recover by excavating James's home. When James used the teawares they entered new assemblages and the friction of these encounters left wear patterns and residues that we can see with microscopes and spectrometers.

To paraphrase Tsing (2005, 18), "the [poetic] possibilities of friction" and the traces these actions left behind are "explored in… the chapters that follow." This provides two insights that help address my research questions. First, attending to the poetics of enslaved lives shifts our focus away from what slavery meant to Valley history or what being enslaved in the region meant to those held in bondage here. Instead, it provides a focus on what enslaved people did, on the frictions generated when they interacted with the political economies around them, and how these effects accumulated in ways that shaped the history of the Shenandoah Valley. Second, we can flip this focus around and explore the poetics of wheat, ceramics, or bricks, providing a way of theorizing how these things created effects that shaped enslaved life in the Valley. But, before we can engage with these poetics, we need a way to think about how their effects reverberated across time and space.

Repeating Compositions

Within the (dis)order that swarms around what we already know of as Nature, it is possible to observe dynamic states or regularities that repeat themselves…
(Benítez-Rojo 1996, 2)

Assemblages constantly change as parts enter, leave, and become altered through friction. Because of this, the worlds envisioned by assemblage thinkers are chaotic and constantly in flux

(e.g., Grosz 2008; contra Ingold 2015, 7). Yet, compositions can repeat within this chaos when the same parts interact in the same way to create similar effects across time and space (also see DeLanda 2011; 2016). We might call these traditions, institutions, or habits. Assemblages that "repeat" are not carbon copies of each other – with identical components coming together and interacting in identical ways. Even though a "tug… of sameness" may orient assemblages in ways that make them alike, there are always differences within repetition (Benítez-Rojo 1996, 3; Deleuze 1994; Glissant 1989, 97).[20] To explore the poetics of friction beyond the instant in which things come together and the effects that arise from these specific moments, we need a way to think about and describe how certain assemblages repeat.

To do this, I read the work of Manuel DeLanda (e.g., 2016, 3) through Antonio Benítez-Rojo (1996) to argue that some assemblages repeat in ways that exert tighter control over their components, limiting the ability of new parts to enter into these compositions, for existing parts to wander away, or for internal realignments that lead components to interact in different ways. One example of this would be assemblages that repeat in similar ways for centuries, like the force of gravity or the violent extraction of resources from (formerly) colonized places. We can see this as something akin to historical processes playing out through the repetition of assemblages over the *longue durée* (sensu Braudel 1982). Other assemblages have less control over their parts, making their effects less likely to repeat in the same ways.[21] At the extreme end

[20] Here, assemblage thinking, especially its early development in Deleuze's *Difference and Repetition* (1994), provides some benefits over practice theory, especially Bourdieu's concepts of *habitus* and *doxa* (e.g., 1977), which also emphasize repetitions (as these structures exist in and through their continual enactment) but do so by focusing on what stays the same in these iterations, while downplaying (and often ignoring) the equally important question of what changes every time these practices are enacted. By allowing differences to become as important as continuities in these cases, however, we gain the ability to see how they can change over time, and how the introduction of new materialities into habitual practices alters the assemblages.

[21] DeLanda refers to these as "closed" and "open" assemblages. However, I use the terms tighter and looser to avoid the binary thinking creating by open/closed, and because these terms are more applicable to the action they are describing – the degree to which components are held in place (e.g., Glissant 1997, 65–66). Furthermore, DeLanda uses these to discuss how certain assemblages extend across time and space, and not specifically to talk about the

of this spectrum would be an assemblage that occurred once and never repeats itself – something akin to a singular event. What we are describing with the concepts of tighter and looser assemblages is the degree to which these compositions create effects that increase or decrease the probability of their parts becoming assembled and producing similar effects in the future. Or, in other words, the likelihood of the assemblage becoming recomposed (repeating) or decomposed (not repeating). Because assemblages (like the institution of slavery) are composed of other assemblages, they can repeat even if some of their constituent assemblages are more prone to change (like enslaved people buying different types of ceramics over time).

Here it helps to bring in Sara Ahmed's (e.g., 2007, 152–53) discussion of orientation, or how assemblages "put some things and not others [with]in our reach," shaping the kinds of actions we can engage in. When assemblages repeat, their components become oriented towards each other in a variety of ways. Some are close while others are far. Some could be near but prevented from directly interacting because other components are in the way. In loosely repeating assemblages these orientations can easily change. But in taught assemblages, like notions of race that have persisted for the past 500 years, certain orientations get held in place and inherited by future iterations of these assemblages, even as some of their components shift over time, producing different experiences of racism and different ways to carve out a life for oneself within these assemblages. This makes racial classification a series of orientations "inherited through the very placement of things," with "whiteness" being "an orientation that [continually] puts certain things within reach" of specific groups of people and out of reach for others (Ahmed 2007, 154–55). Framing assemblages in this way provides the "strong sense of

ways different assemblages repeat, creating similar effects across time and space. Here, I draw inspiration from Benítez-Rojo's (1996) work on the repetition of assemblages to reframe DeLanda's work along these lines as this focus on repetition and effects is more in keeping with my focus on poetics.

ethical responsibility and accountability to the haunting memory, historical trauma, and the reality of death surrounding" that postcolonial and Black-studies scholars demand (e.g., Benítez-Rojo 1996; Glissant 1989; 1997; Puar 2007; 2017; Weheliye 2014; Yountae 2014, 287) and which strict adherence to Deleuze and Guattari's philosophy ignores (see Byrd 2011; T. L. King 2017; Tuck 2010).[22]

We can describe the tautness of assemblages in three ways (DeLanda 2016, 3; Lucas 2012, 196–202).[23] The first is how territorialized these repetitions are, or the extent to which new components are prevented from entering and existing components are prevented from leaving. The second is how coded these repetitions are, or the degree to which parts will continue to articulate and function together in similar ways in various iterations of these assemblages. For instance, a more tightly coded song would be one in which the musicians play the same beat and melody in the same key, whereas a loosely coded song might be polyrhythmic, with musicians coming together at various intervals but otherwise playing at different beats (also see Benítez-Rojo 1996; Tsing 2015, 23–24). Territorialization and coding primarily concern the components of assemblages and the way they interact. The third way of describing the tautness of assemblages, however, has to do with effects and the ways they cite (or call back to) (sensu J. Butler 1993) the effects produced by previous compositions, be they separated by an instance or a millennium.[24] When we are talking about assemblages that repeat quickly, and whose

[22] I might go so far as to say that to responsibly think with assemblages one must engage with how scholars of color take up and/or critically respond to these theories (e.g., Benítez-Rojo 1996; Byrd 2011; Glissant 1997; T. L. King 2017; Puar 2017; Weheliye 2014; Yountae 2014), as failing to do reproduces the universality of liberal humanism (where economically privileged white Men stands as the model of humanity, see Chapter 3) that (inadvertently) animates mainstream posthumanism/new materialism (e.g., Z. I. Jackson 2013; 2016; 2020; López 2018).
[23] In this paragraph I read the works of assemblages thinkers through Judith Butler's (e.g., 1993; 1999) discussion of the ways gender identities become performatively reiterated across time and space, and Karen Barad's (2007) new materialist reinterpretation of the ontological implications of Butler's work.
[24] Here I rework Lucas's (2012) use of citationality as a way to describe the typographic similarities in the way elements are arrange within assemblages (also see A. M. Jones 2007; Pauketat 2013), to describe effects. However, doing so is in keeping with Butler, as she states (1993, 13) that "the norm of sex" which would be an effect of the

territorialization and coding allow them to generate similar effects, we can describe them as having a high degree of citationality, although to do so may seem redundant. However, when we consider assemblages that repeat less frequently or cases where similar effects emerge from different sets of components, being able to describe these similarities is helpful.[25]

To further illustrate these three ways of describing assemblages, let us consider the broken fragments of a locally made, lead-glazed crock recovered from Quarter Site B. This vessel likely arrived at the site after an enslaved woman acquired it from a local merchant (see Chapter 7), an act which reterritorialized these assemblages by removing the vessel from compositions directly associated with the merchant and bringing it into compositions more directly associated with the woman. As a result, if and when these assemblages repeat, they would do so in different ways due to the absence/presence of the vessel (Fowles 2010). After bringing the vessel home the woman may have used it to make and store pickled okra, with the crock's rigid, nonporous sides territorializing the pickled okra-*qua*-assemblage, keeping the components contained within the crock and preventing new components from entering. In the crock, the brine and the okra interacted with one another, becoming coded into a new food (i.e., pickled okra).

If one of the ingredients went bad while the okra was being stored (say the okra began to decompose) it would create a series of effects that might decode the ways these assemblages

way various components act upon each other, "takes hold to the extent that it is 'cited' as such a norm, but it also derive its power from the citations it compels," or from the ways people are compelled to reiterate these effects in and through their own actions.

[25] This dynamic ability to explore change makes assemblage thinking more beneficial to this study than actor network theory (e.g., Latour 2005) or Ian Hodder's (2012) entanglement, as these other schools of thought focus intently on the ways networks of things act together, but in doing so they have a difficultly exploring how these networks change over time (Ingold 2011, 89–94). For instance, while actor network theorists focus on how things get "translated" between networks – a focus which we may see as akin to how assemblages changing in their various iterations – this proposes a stability onto the thing in question both before and after its translation. Doing so undermines the view that assemblages are constantly changing.

repeat by introducing flavors (and potentially smells) that would not work with the others in the same ways. Furthermore, the lead glaze which afforded the crock its ability to territorialize this assemblage may itself become deterritorialized, allowing heavy metals to seep into the pickled okra, giving this dish the ability to decompose the bodily assemblages it came into contact with (i.e. anyone who ate the okra). Finally, if this woman used the same vessel and the same sets of ingredients to make pickled okra in the future, the effects of these assemblages (i.e., the pickled okra that resulted from them and the introduction of lead into this food) would cite each other. However, if she used a different vessel, say a salt-glazed stoneware crock, while using the same recipe, these assemblages would still cite one another if they produced similar pickled okras, but not in terms of the addition of the lead, which would not be present in the okra pickled in the salt-glazed vessel.

When we talk about the repetition of assemblages, however, we are not always having relatively lighthearted discussions about pickled okra. Assemblages also describe power relations. Here, it is helpful to turn briefly to Foucault and his concept of the apparatus. To Foucault (1980, 194–95, my emphasis), an apparatus is "a system of relations... that *can* exist between…a *thoroughly heterogeneous ensemble* consisting of" discourses, institutions, and materialities that reproduce specific sets of power dynamics. Or as Giorgio Agamben (2009, 14) puts it, apparatuses are "literally anything that has in some way the capacity to capture, orient, determine, intercept, model, control, or secure" (i.e., has the power to affect) other entities to generate political effects.[26] Importantly, apparatuses are not stable objects that "preexists [their]

[26] While I find Agamben's broader definition of apparatuses to be helpful, he (2009, 13–14, my emphasis) specifically argues that apparatuses act upon the "gestures, behaviors, opinions. or discourses of *living Beings*," which he sees as ontologically distinct from both apparatuses and from the inorganic world around them (which does not play a role in his apparatuses). Therefore, in keeping with the flat ontologies advocated by assemblages thinking, I have slightly rephrased Agamben's work.

own functioning," but rather emerge "through the manner in which [their] elements... work together" to (re)create people and things in ways that are useful in the perpetuation of these ensembles (West-Pavlov 2009, 150; also see Agamben 2009, 11).

If we read this through assemblage thinking we can see Foucauldian apparatuses as assemblages (Deleuze 1992; Deleuze and Guattari 1987, 352; Legg 2011) – as groups of heterogenous elements who become ordered in politically useful ways that increase the likelihood of these orders, and the political effects they produce, repeating in future assemblages. Or, perhaps more aptly, we can see an apparatus as a specific type of assemblage, one whose tautness works to recite particular political effects by maintaining certain relationships between its parts as they move across time and space (contra Legg 2011). However, this process can never be complete. Parts will always enter and leave, things will always shift, and "[t]he more [an apparatus] works in favor of an oppressive order, the more it calls forth disorder" (Glissant 1997, 138). While some of these escape routes and slippages provide ways for parts to break free from the oppressive hold of apparatuses, others provide the impetus for apparatuses to find new ways to stop leakages. In this, we see an important qualification placed upon more traditional Foucauldian apparatuses. While Foucault (e.g., 1990, 96) argued for the importance of resistance in recomposing apparatuses, assemblage thinking further argues that some apparatuses can be decomposed (Deleuze and Guattari 1987, 531), while others may allow alternative modes of life to exist within or alongside them (Weheliye 2014).[27]

[27] Judith Butler (1993) and Michel de Certeau (1984) also reformulate Foucauldian apparatuses to theorize how they can be dismantled. For Butler, the fact that apparatuses only exist while they are being enacted provides ways for subversive performances of gender identities that call into question the heteronormativity. De Certeau focuses on how apparatuses' components can be poached and brought into new relationships that allow people to make do within the spaces occupied by political structures. However, assemblages thinking allows the possibility for us to use either (or both) these theories, while also providing a more nuanced way to theorize the sociomaterial components that create hegemonies then Butler provides, and a recognition that acts of poaching reshape political structures, which de Certeau does not address.

Recognizing this potential is critical for exploring how enslaved people affected the Shenandoah Valley's political economies. While enslaved people were profoundly affected by the apparatuses that surrounded them, they could also reterritorialize and/or recode these assemblages in ways that provided redress from some of the harsh effects of slavery, actions which also reshaped the contours of the assemblages they interacted with. To explore this in more detail, we need to combine assemblage thinking with nuanced ways of theorizing slavery. For these, I turn to Black studies, which are introduced in the following chapter.

Chapter 3: The Ontological Politics of Enslaved Life

[T]he question for theory is how to live in the wake of slavery, in slavery's aftermath, the afterlife of property, how, in short, to inhabit and rupture this episteme with their, with our, knowable lives?
(C. E. Sharpe 2016, 50)

This chapter proposes a new way of thinking about the archaeology of enslaved life that combines assemblage thinking and an explicit focus on materiality with Black studies scholars' insights on how colonialism and racial slavery shape understandings of who counts as fully human. Theorizing enslaved life in this way makes three critical interventions. First, it provides a framework that addresses how enslaved people affected the world around them. Second, it subverts liberal humanism's definition of humanity by seeing how things affected enslaved life, and how different ways of being human get produced in and through assemblages. Third, this highlights Black study's theorizations of metaphysics and ontological difference, countering long-held views that Black scholars' intellectual contributions can only be about race (Sterling 2015; Watkins 2020, 19; also see Jegathesan 2021).

These interventions are needed because archaeologists have not adequately theorized structure and agency in enslaved life, nor have we acknowledged the profound ways liberal humanism shapes our work. There are two dominant treatments of structure and agency in archaeologies of enslaved life (see V. Brown 2009; Ferguson 1992, xliii–xliv). Some studies address the structural forces that affected enslaved people by turning to Marxism (e.g., Delle 2014; Thomas 1998; B. J. M. Weaver 2018), critical theory (e.g., Epperson 2004; Leone 2010; Wilkie and Bartoy 2000), or Michel Foucault (e.g., Delle 2014; Epperson 2000; Singleton 2015a). While these focus on how enslavement, racial capitalism, and sexism affected diasporic Africans, they "silence" enslaved people, as "it is easier to describe… structures of power when

one downplays… [the] activity of the weak" (V. Brown 2009, 1235). In other words, they emphasize structure to the point where agency and life become difficult to see.

Other studies, alternatively, focus on enslaved people making lives for themselves using theories like space and place (Fesler 2010; Heath 2010), selectionism (e.g., Bates 2017; Galle 2010; Neiman 2008), creolization (e.g., Ferguson 1992; Lenik 2009; Samford 2007), risk management (e.g., Odewale 2019; A. L. Young 1997), or practice theory (e.g., Singleton 2015b; Symanski 2012; Wilkie and Farnsworth 2005). How these works approach "the dislocations, physical violations, and cosmic crises" of slavery (V. Brown 2009, 1243) vary widely, from selectionists downplaying enslavement to create generalized models of human behavior to risk management's overemphasis on slavery as the singular force that animated enslaved life. Yet, these studies are ultimately one-sided, seeing enslaved women and men as capable of shaping their own lives and the lives of other enslaved people, but unable to affect the political economies around them. Even studies highlighting resistance (e.g., Ferguson 1991; Orser and Funari 2001; Symanski and Gomes 2016) do not demonstrate that friction generated by enslaved people's agency affected the institution of slavery.

There are exceptions to this, like Mark Hauser's (2008) discussion of how enslaved potters affected Jamaica's economies or Anna Agbe-Davies's (2015; 2018) work on how enslaved Virginian's interactions with tobacco pipes contributed to the development of racial classifications, but these offer narrow views on the far-reaching effects of enslaved people's agency. We need theories that are more expansive and do a better job of tracing out how enslaved people affected the worlds around them. Practice theory (e.g., Bourdieu 1977; Foucault 1988; 1990; 1995; Giddens 1984) should be able to address this since it focuses on how people recursively reproduce structures as they navigate them. But it has failed repeatedly because it

remains firmly rooted in liberal humanism (Weheliye 2014; Wynter 2003). Liberal humanism, as we will see below, defines humans as rational free actors that master the political economies around them, thereby equating humanity writ-large with economically privileged white men.[28] Practice theorists downplay the rational, free-acting aspects of liberal humanism to highlight the interplay between people and structures (e.g., Bourdieu 1977, 8, 30) but they do not question liberal humanism's definition of white economically-privileged men as the only way of being human (Simmonds 1997). As a result, the historical actors envisioned by practice theorists are endowed with the same capacity for action as contemporary white men. Using practice theory to study slavery projects this understanding of humanity beyond where it can be reasonably theorized (V. Brown 2009; Hartman 1997, 53; W. Johnson 2003; 2011; Kaye 2015).

This brings us to my concern that liberal humanism shapes how we theorize enslaved life. In addition to treating white economically privileged men as a universally applicable model of humanity, liberal humanism discursively strips nonhuman things of their agencies to create a human exceptionalism, preventing us from seeing how people are affected by the materialities around them. There are four reasons we must address the impact of liberal humanism in the archaeology of enslaved life. First, it inadequately theorizes agency and structure within the context of slavery, as discussed above. Second, it ignores how nonhuman things affected enslaved people. Third, liberal humanism is reproduced in and through the violent oppression of Black women, children, and men. Uncritically using liberal humanist frameworks to study these people obscures how this violence impacted enslaved life and how it continues to affect Black

[28] Judith Butler (1993) adds gendered dimensions to this, she does not question liberal humanism's equation of the human with economically privilege white people. While Michel de Certeau (1984) also theorizes the human in ways consistent with other practice theorists (A. T. Smith 2003, 70), I do not include him in this discussion because his work is uninterested in how the tactics people use to make lives for themselves affect the political structures around them.

lives today. Finally, using liberal humanism as our default understanding of the human "decide[s] in advance what" the humanity of the enslaved women, children, and men we study should look like (Weheliye 2014, 2). This prevents us from "com[ing] to a more layered and improvisatory understanding of" the "extreme subjugation" of slavery that would let us see how gaps in the ontological violence enacted against enslaved people created spaces for them to make lives for themselves (Weheliye 2014, 2).

We need theories that subvert liberal humanism and portray enslaved people as historical actors capable of affecting the worlds around them. As I argued in the last chapter, assemblage thinking provides an ideal way of theorizing enslaved people's agencies. It also provides a way of decomposing human exceptionalism by focusing on the agentic capabilities of things and the poetics of friction they engage in within assemblages. Archaeologists are beginning to turn to the new materialism to move beyond liberal humanism's hold on our studies of enslaved life (e.g., Schwalbe 2020), but doing this only solves part of the problem. As Zakiyyah Jackson notes (2020, 15), a "critique of anthropocentrism is not necessarily a critique of liberal Humanism," and the new materialism often advances the political goals of liberal humanism by ignoring the existence of other ways of being human. We need to merge our attempts to move beyond human exceptionalism with theories that subvert liberal humanism's understanding of humanity (Erasmus 2020). To do this, we should align the new materialism and the archaeology of enslaved life with counter-humanism, a line of thought within Black studies that seeks to dismantle liberal humanism.[29] Counter-humanists have turned to assemblage thinking (Allewaert

[29] While others have called this tradition "Black feminist theories of the human" (Weheliye 2014) or "Black feminist new materialism" (Towns 2018), Britany Cooper (2015) argues against this as it reorients the definition of Black feminism toward the work of Sylvia Wynter, Hortense Spillers, and Saidiya Hartman, and away from the majority of women working within Black feminism. Therefore, I use Zimitiri Erasmus's (2020) and Katherine McKittrick's (Wynter and McKittrick 2015) term "counter-humanism" as it avoids this controversy while more accurately describing the work this body of literature seeks to accomplish.

2013; Glissant 1997; Puar 2017; Weheliye 2014), but they have not meaningfully attended to non-biological materiality, likely because they come primarily from "the fields of English, history, and film studies" which focus more on language than the material world (Shange 2019b, 7). This is a widespread problem within counter-humanism, and the few works that do focus on objects emphasize extraordinary things like branding irons or works of art instead of the things people use on a daily basis (e.g., Browne 2015; Lowe and Manjapra 2019). The only exception to this that I am aware of is Mel Chen's (2012) discussion of the racializing effects of lead, but she focuses more on discourses about lead than the effects it has on racialized bodies. Archaeology, therefore, "can" become "a critical branch" of counter-humanism if we insert our focus on everyday materialities into this radical tradition (Shange 2019b, 7).

In this chapter, I propose an assemblage-influenced, materiality-based counter-humanism that attends to the everyday realities of enslaved life. In other words, I use assemblage thinking to theorize how interactions between discourses, things, people, plants, and animals created definitions of enslaved people as differently and enslaveablely human, and how enslaved people used these same things to redefine themselves as human in their own ways. The first section summarizes how the counter-humanist literature discusses liberal humanism, drawing especially on the work of Mel Chen, Zakkiah Jackson, Alexander Weheliye, and Sylvia Wynter. I also discuss how theories can incorporate the active role materialities play in these assemblages and bring discussions of human exceptionalism into the larger project of counter-humanism. The second section applies this to the study of enslaved lives, especially drawing on Zakkiah Jackson, Saidiya Hartman, and Hortense Spillers.

Racializing Assemblages and the Production of Human Others

[W]ith being human everything is praxis*…. So the question is: What are the mechanisms, what are the technologies, what are the strategies by which we prescribe our own roles?*

(Wynter and McKittrick 2015, 34)

Black counter-humanism has a long history, from Baron de Vastley's early-19th-century critiques of the Enlightenment's complicity in colonial projects (Daut 2017) and W.E.B. Du Bois's 1890s work on double consciousness and the color line (1989), to Aimé Césaire's (1972; 1996) and Frantz Fanon's (1966; 1967) discussions about the racism and coloniality of mid-20th-century humanism. The most prolific counter-humanist, the one who took these earlier works and fashioned them into a unified theory, is Sylvia Wynter, (e.g., 1971; 1984; 1994b; 2003; 2015). Her ideas have profoundly shaped contemporary counter-humanism (e.g., Browne 2015; Z. I. Jackson 2020; McKittrick 2006; Puar 2017; Weheliye 2014) and have heavily influenced the theoretical discussions in *Assembling Enslaved Lives*. I *highly* recommend her work.

The overarching goal of Wynter's project is problematizing the praxis and politics of being human by exploring liberal humanism's entanglement with colonization, racial slavery, and capitalism. She redescribes what it means to be human, moving us from our hegemonic conception of the human as a stable entity to seeing humans as contingent hybrids that emerge from our biologies and the stories we tell about ourselves.[30] This shift has political implications, as liberal humanism is made in the image of, and stigmatizes those who are not, economically privileged white men, while Wynter's hybrid counter-humanism allows for a multiplicity of equally valid ways of being human.

Wynter's definition of humanity focuses on people's unique storytelling abilities. Since we started telling stories about ourselves, these narrations have defined what it means to be human and how we relate to others (Wynter 2015, 217). Such stories do not override biology, which forms the "first set of instructions" that shape our actions (Wynter and McKittrick 2015,

[30] Wynter's hybrids are different than those discussed by Bruno Latour (1993), who sees hybrids as mixtures of "culture" and "nature."

26–27). Storytelling merely creates a "second set of instructions" that generate categories of symbolic life and death through which we understand ourselves and the people around us. Building on Judith Butler (J. Butler 1993; 1999), Wynter argues that we performatively enact these stories, making being human a *praxis*, a way of reiterating particular modes, or "genres," of the human (Wynter 2015, 195–96; Wynter and McKittrick 2015, 23). In other words, we are biological creatures living in material worlds, but we compose and inhabit the ontological category of the human through the stories we tell (Wynter 2015). And this is something all humans have been, and continue to be, engaged in since we gained the ability to tell such stories.

Humans pay two prices for our ability to make ourselves. First, our narrations perform a cut in the fabric of humanity, creating a "misrecognition of human kinship" that divides people into a "We/Us" who count as symbolically alive full humans and a "They/not-Us" that become our symbolically dead human others (Wynter 1994b, 69; 2015, 220). These others are not inhuman but defined as *differently* (and often inferiorly) human and our ability to see ourselves as fully human exists only in reference to these abject others (Z. I. Jackson 2020, 20). In other words, we define ourselves as (fully) human by comparing ourselves to other people we have defined as differently and incorrectly human. Second, our existence as (full) humans is so entangled in these stories that we lose the ability to see the role we play in drafting them. Instead, we credit extra-human agencies (gods, laws of nature, etc.) as the authors of our narrations (Wynter 2015, 217–18, 225–27). This naturalizes the split between full humans and human others and any inequalities that emerge from this divide.

At this point, we need to make three modifications to Wynter's work. The first, proposed by Alexander Weheliye (2014), is approaching Wynter's narrations as assemblages, as a repeated coming together of, and interactions between, people, things plants, and animals which create

racial categories that "apportion and delimit which humans can lay claim to full human status and which humans cannot" (Weheliye 2014, 3–4). This shifts our view of race from "a biological or cultural classification" and towards "a set of sociopolitical processes" that must be continually recited if these ontological categories are to be maintained (Weheliye 2014, 3). This need for repetition means that racializing assemblages are contingent. If they do not repeat in particular ways across time and space they lose their tautness, allowing new ways of being human to emerge from them (also see J. Butler 1993; 1999). This turns ideas about race into a perpetual *ontological* "*politics of being*… waged over what is to be the descriptive statement[s] of the human" and its other (Wynter 2003, 318, my emphasis). Wynter specifically sees these politics as taking place when new definitions of the human emerge, like the transition from Man1 to Man2 (see below). However, if we read Wynter through assemblage thinking or the work of Judith Butler, we see these politics perpetually take place, because without them these definitions fall apart. This lets us see the ontological politics of being as continually enacted in and through everyday life.

The second modification is recognizing the critical role things play in racializing assemblages. While we may presume that other species do not narrate themselves, we have no way of knowing for sure. But we *are* the only species that use things to tell stories about ourselves (Strum 2012). While Wynter recognizes this (e.g., Wynter and McKittrick 2015, 62–69), she primarily focuses on linguistic aspects of storytelling. We can strengthen Wynter's argument by addressing how discourses and materialities get created in and through one another (also see Watkins 2021). As humans, we are constantly being (re)composed within sociomaterial assemblages. While this is a symbiotic process, involving people, plants, animals, and things (Haraway 2016), making sense of and narrating assemblages is an act of self-making (or what

Wynter calls autopoiesis) where people choose what parts of these assemblages to emphasize and which to downplay (Trouillot 1995; Wynter 2015). For instance, Mel Chen (2012) notes that news coverage of lead poisoning among white suburban and Black inner-city children differ, emphasizing different parts of these assemblages to talk about these children as ontologically different. While lead affects both groups in the same way, cognitive and behavioral issues from lead exposure get cited as a reason why white children may not achieve the economic success required to become fully human within liberal humanist frameworks, while these same cognitive and behavioral effects are seen as personal failings among Black children and cited as evidence that they are inferiorly human (also see Wynter and McKittrick 2015, 27). Furthermore, since Black families are more likely to live in homes with lead paint (e.g., Gioielli 2010; Lanphear et al. 1996; Pirkle et al. 1998), the material effects of living in these racialized spaces can be seen as yet another way race become biology (Gravlee 2009).

Chen's work highlights the agentic role things play in defining full humans and their others, as the way lead recomposes Black bodies reiterates discourses that define Black people as inferiorly human. This makes materialities "maternal" in that they "reproduce" discourses and the ways of being human they create (Moten 2003, 16), both through the material components of discourses and in the ways their materials/biological effects come to reiterate racial classifications. Wynter (2003, 267) makes a similar argument about the political economies that created liberal humanism bringing economic prosperity to those deemed fully human, reinforcing their belief in their superior status, while "produc[ing] material deprivation" on the part of its human others that "legitimize[d] the[ir] subordination." In other words, the material world is shaped by the way we enact our humanities while creating material conditions that recursively naturalize these ways of being human.

Finally, folding materiality into Wynter's work requires a more expansive view of who/what can be the subject of our narrations. Wynter sees these discourses as creating full humans and their human others. But with materiality, we must see these as creating the ontological category of the (full) human in and through its relation to its human others *and* its relation to nonhuman animals, plants, and things. This brings the important insights of new materialism and its dismantling of human exceptionalism (e.g., Barad 2007; Bennett 2010; Latour 1993; 2005) into counter-humanism, creating a multifaceted approach that subverts liberal humanism on two fronts.

Creating Liberal Humanism and its Others

No, no. That's not the way. I told you to put her human characteristics on the left; her animal ones on the right. And don't forget to line them up.
(Morrison 2004, 228)

Before their 15th-century colonial expansion, Europeans described humanity in Judeo-Christian terms "based upon degrees of spiritual perfection/imperfection," expressed as the Great Chain of Being (Wynter 2003, 287). Those who accepted Christianity became fully human, while "heretics" who rejected it became enslaveable human others. Through colonization the European *homo religiosus* encountered Indigenous people who could not have rejected a religion they had not known, placing them outside the Christian-or-Heretic description of humanity and rendering them unenslaveable (Wynter 2003, 293; 2015, 227). However, new racializing assemblages emerged from debates about how to subjugate Indigenous people. These created a new way of being human, which Wynter calls Man1, that secularized the Judeo-Christian Chain of Being, creating "differential/hierarchical degrees of rationality… between different populations" (Wynter 2003, 300–301; 2006, 122). Citizens of European nation-states occupied the most rational position while sub-Saharan Africans were relegated to the lowest rung. For

instance, a 19th-century agricultural journal that circulated in the Shenandoah Valley stated that "in the variety of God's creations… the negro was formed as the connecting link between the white man and the brute species" and is not always "superior to speechless animals of lower grade" (American Farmer 1839b, 234). Zakiyyah Jackson (2016; 2020, 22, 27) argues that this ontological position "burdened" Africans "with the specter of abject animality," defining them as "animals occupying human form" residing at "the living border dividing" humans from nonhumans (also see J. L. Morgan 1997; 2004). This language, for instance, is seen throughout John Pendleton Kennedy's *Swallow Barn* (Kennedy 1853, 107, 138, 308–10, 326–27, 446), a novel set in eastern Virginia but based on the author's experiences visiting his family's Shenandoah Valley plantation. This bestialization of Black humanity rendered them differently and inferiorly human, with the opposition between Black peoples' fleshy animality and white men's (supposedly) ethereal rationality allowing the fully human *homo rationalis* to be defined (Z. I. Jackson 2020, 6).

Gender also played a role in these racializing assemblages. As new definitions of the human were being composed, European men projected pre-colonial discourses about women's irrational carnality onto non-white men (Wynter 1990, 356–60). Wynter (1990, 356) argues that this linking of white womanhood and Black manhood made Black women illegible (or demonic, see Chapter 1) within the "system of meaning" that governed the politics of being within colonial projects. This illegibility, however, was situational, making Black women visible only when putting them "at the bottom of the human/animal chain" – a position so rooted in corporeal sexuality that rational self-reflection was considered impossible – was needed to serve as a point of reference for the fully human *homo rationalis* (Z. I. Jackson 2020, 9–12).

Seventeenth-century European philosophers and scientists expanded these ontological politics of being to include plants, animals, and things. Before this time nonhuman things were considered agentic, capable of affecting and being affected by the world around them (Latour 1993). During the Enlightenment, however, new ontological categories of "culture" and "nature" were created. These were defined as "entirely distinct" and utterly secularized "ontological zones," preventing things and animals from being seen as active participants in social life (Latour 1993, 10–11; Wolfe 2003). Bruno Latour (1993) sees this as the start of (liberal) humanism, as this is where humans first became exceptional beings whose actions were unencumbered by the materialities around them. He further argues that humanism's origin was not influenced by colonialism and slavery.

Counter-humanists, however, show that liberal humanism was a by-product of the racializing assemblages that created Man1. Latour (1993, 30–33), for instance, argues that modernity's secularized world views came from the intentional removal of supernatural agencies to "intervene in any way" in nature or culture. Yet, as Wynter shows (2003, 299), this secularization dates not to the 17th century but to 16th-century definitions of the human that allowed Indigenous Americans and Africans to be violently subjugated and enslaved. Furthermore, Jackson (2013; 2015; 2016; 2020, 13), writes extensively about the "necessity" of considering how "the abjection and bestialization of" Black humanities created the "rational, self-directed, and autonomous" forms of humanity that white people claimed for themselves. While Latour sees the *homo rationalis* as emerging in Europe's salons and laboratories, Wynter and Jackson demonstrate that it originated in the brutal violence and ontological terror of colonialism and racial slavery. Without these secularized forms of racial violence, understandings of humanity that separated *homo rationalis* from nonhumans could not have

come into existence. Once these refined definitions of the *homo rationalis* emerged, they fed back into the colonial projects that created them, with indigenous and Black peoples' continued recognition of nonhuman agency becoming evidence of their supposed inferiority and irrationality (Latour 1993; Murray 2007).

Mel Chen (2012) uses the concept of animacy to argue that racializing assemblages use the same discourses to objectify and misrecognize the agencies of human others and nonhuman things. Animacies, or how we discuss and understand agencies, create "conceptual orderings of things, an animate hierarchy of possible" actors that contingently classify some (non)humans as fully agentic beings capable of shaping the world around them and other (non)humans as lacking the ability to do so (Chen 2012, 10).[31] For example, one person could be described as being able to handle their alcohol, making them more agentic than the intoxicating liquid, while another could be described as caught in its grip, positioning them as less agentic than alcohol *and* less agentic than the person who can hold their liquor. Within liberal humanism, these discourses repeat in ways that consistently define those deemed fully human as more agentic than human others. Within racializing assemblages, the use of animacies to describe human others and nonhuman things as less agentic than full humans creates exceptional white subjects who alone shape the social worlds they inhabit.

Despite these discourses, the new materialism demonstrates that nonhuman things act on people and affect our lives (e.g., Barad 2007; Bennett 2010; Haraway 2008; Latour 2005), just as Fred Moten (2003, 1) argues that "[t]he history of blackness" testifies "to the fact that objects can and do resist." But, just recognizing the agency of nonhuman things does not address the

[31] Chen focuses on how animacies equate queer and/or racialized people with animals. However, Jackson argues that the human/animal divide is itself a racialized distinction that emerged from the bestialization of Black humanity. Therefore, while Chen's views on animacies can be projected backwards in time, we must take not to assume *a priori* that an ontological category of "the animal" was understood as being oppositional to "the human."

racialized ways of being human that prefigured the Enlightenment's intellectual project (Z. I. Jackson 2013, 671–72; 2020, 15; López 2018). And only addressing racializing assemblages does not counter the ontological divide between nature and culture. To combat liberal humanism, we must address both. But doing this requires reckoning with the universalizing aspirations these logics later acquired.

The theocentric human-as-Christian allowed people to be human in different ways by believing in other (albeit "false") gods (Wynter 2003, 299). But the secularized description of Man1, with its notions of rationality, was more malleable, capable of being stretched into an intolerant monohumanism that could advance colonialism and racial slavery by proclaiming its universality. This stretching was accomplished through a "sustained rhetorical strategy" that equated Man1 with humanity writ-large, and constantly and pragmatically redefining Man1 and its human others to fit new colonial situations (Wynter 2006, 123–26).

Capitalism, social Darwinism, and the abolition of slavery dramatically expanded these universalizing discourses in the 19th century.[32] During this time European bourgeoise replaced the hierarchical chain of being that slotted people into pre-defined rungs based on notions of rationality with a new privatized/individualized way of being human that Wynter calls Man2. Within this schema, being able to master natural scarcity and liberal free-market economics became the marker of one's status as a naturally selected fully human *homo economicus* (Wynter 2003, 314–15). The human other to Man2 were those who due to centuries of racial, economic, and gendered oppression could not become patriarchal "jobholding Breadwinner[s]," adding women, the criminalized, the jobless, and the working poor to this now extra-racial category

[32] Wynter places this switch in various points in time throughout her writings. While this universality began with Man1 (Wynter 2003, 299) it became a critical component of racializing assemblages with the 19th-century emergence of Man2 (Wynter and McKittrick 2015, 46–47) when humanist discourses stopped casting Black people as inherently differently (see below) and started discussing Black people's abject status as a personal failing.

(Wynter 1994b; 2003, 321). Yet, inside the newly defined human other, remnants of Man1's irrational other remained, using new notions of evolutionary/genetic fitness and its supposed relationship to intelligence to slot people of color into even-less-fully-human positions relative to white human others (Wynter 2003, 322–23). Removing predefined rungs from the definition of humanity made the *homo economicus* truly universal, casting liberal humanism as the only accepted way of being human, even if it is still defined with only one type of person in mind. This transforms the act of being human differently (through choice or through simply not being a white man) into a "self-alienati[ng]" "wrongness of being," a simultaneous expression of being normally human (*Homo sapiens*) *and* abnormally human (not *homo economicus*).

Because Blackness has been defined as the lowest rung of humanity for centuries, and because without Blackness liberal humanism could not create its definition of the human, Black studies is critical for understanding and overturning liberal humanism (Wynter 1994a; 1994b; 2006; also see Weheliye 2014). This counter-humanist project seeks to "utterly de-legitimize" liberal humanism by exposing its reliance on "strategic mechanisms that… repress all knowledge of the fact that" its definition of humanity as *homo economicus* is nothing more than a story we tell ourselves so certain people can be violently exploited by others (Erasmus 2020; Wynter 2003, 326; 2015, 207). By denaturalizing Man2 and showing the inequalities it supports we can install "an alternative… version of humanness imagined outside liberal monohumanism" where all ways of being human are considered equally valid (Wynter 2015, 230–31; Wynter and McKittrick 2015, 11).

Archaeologists can engage in this counter-humanist project by asking "[w]hat are the mechanisms… technologies… [and] strategies by which [people] prescribe our own roles" as humans (Wynter and McKittrick 2015, 34). If we can show that different mechanisms,

technologies, and strategies created different genres of the human throughout time then our evidence can be used to show that Man2 is not the only way of being human. This does much of the same work as archaeology's engagement with the ontological turn (e.g., Alberti 2016; Cipolla 2019; O. J. T. Harris and Robb 2012) but exceeds current ontological frameworks by addressing how people understood themselves and the worlds around them *and* the politics of being through which people constituted themselves as fully human.

Explicitly addressing these ontological politics is critical for the study of enslaved life because our work is enmeshed within the discourses that created both Man1 and Man2. Man1 and its irrational, bestial human others play an important role when studying slavery because it was this definition of the human that allowed enslavers to define diasporic Africans as enslaveable human others and to accrue the "wages of whiteness" (Du Bois 1976; Roediger 1991) from the abjection they projected onto enslaved people. However, "definitions belong to the definers – not the defined" (Morrison 2004, 225; also see Baldwin 1993, 4), so we cannot simply assume that enslaved people accepted the ways enslavers defined their humanities. Instead, they enacted a counter-politics of being wherein they defined themselves as human in their own ways (e.g., Allewaert 2013; Hartman 1997; T. L. King 2019). The artifacts, landscapes, and documents we look at when studying slavery speak directly to these contested definitions of enslaved humanity because they were important components of these discourses.

While these ontological politics played out in the past, how we understand them in the present is shaped by the universalizing discourses surrounding Man2. Archaeology plays a role in perpetuating this universalization when we fail to acknowledge other ways of being human by determining in advance what the ontological category of the human looks like. We can see this with the cultural-evolutionary turn in the mid-20th century (e.g., Binford 1965; Flannery 1968;

Hill 1970) and the subsequent rise of behavioral ecology and selectionist archaeologies (e.g., Bird and O'Connell 2006; Dunnell 1980; Lyman and O'Brien 1998), all of which approach past people as *homo economici* rationally responding to the environments around them. Using this theoretical position to study enslaved women and men (e.g., Bates 2017; Galle 2010; A. L. Young 1997) means that we can only show enslaved people's humanity by demonstrating that they too were breadwinning *homo economici*. Not only does this reiterate the universality of Man2, it threatens to define enslaved people as abnormally human if they do not meet the unreasonable standard we set for them. Even if we reject the particulars of the *homo economicus*, as many studies of enslaved life do (e.g., Singleton 2015b; Symanski 2012; Wilkie and Farnsworth 2005), we elide "how humanity [was] imagined and lived by those" defined as differently human if we do not also reject the assumption that there is only one way of being human (Weheliye 2014, 8). This also means that we cannot assume that enslavers acted as rational, self-interested *homo economici* in the same way that this category has been defined in the 20th century (contra Fogel 1985; Fogel and Engerman 1974; Neiman 2008) because their definitions of what it meant to be human, and to be a rational actor, were different than our own. To come to a fuller understanding of what enslaved life was like we must subvert the singular definition of humanity offered by liberal humanism and explore the myriad ways people defined, inhabited, and rejected definitions of what it means to be human.

Enslaving Assemblages and the Poetics of Enslaved Life

The particular assemblage of humanity under purview here… insists on the importance of minuscule movements, glimmers of hope, scraps of food, the interrupted dreams of freedom found in those spaces deemed devoid of full human life."
(Weheliye 2014, 12)

Slavery, as Hortense Spillers (1987, 67) argues, violently disrupted the "point of convergence" where Black people's "biological, sexual, social, cultural, linguistic, ritualistic, and

psychological fortunes" came together (also see Allewaert 2013). Decomposing these people-*qua*-assemblages laid bare their fleshy materiality and disrupted how diasporic Africans narrated and defined themselves, allowing them to "be arranged and rearranged for infinite kinds of use" (T. L. King 2016, 1025; Spillers 1987). Saidiya Hartman (1997) and those influenced by her (e.g., T. L. King 2016, 1023; 2019; Rifkin 2019; Snorton 2017) refer to this "unfettered exchangeability and transformation" as fungibility. Such "(re)imagining[s] [of] Black bodies' relationship[s]" to the violent political economies around them highlights the "pure flux" of enslavement, the unstable and perpetually shifting ways of being human enslaved people were violently ushered through (T. L. King 2016, 1022–24).[33] The fungible (re)composition of Black bodies played out in all aspects of enslaved life. As Barbara Omolade (1983, 354) writes:

> [E]very part of the black woman was used by [her enslaver]. To him she was a fragmentary commodity whose feelings and choices were rarely considered: her head and her heart were separated from her hands and divided from her womb and vagina. Her back and muscle were pressed into field labor where she was forced to work with men and work like men. Her hands were demanded to nurse and nature the white man and his family as domestic servant…. Her vagina, used for his sexual pleasure, was the gateway to the womb, which was his place of capital investment – the capital investment being the sex act, and the resulting child the accumulated surplus, worth money on the slave market.

Black fungibility recomposed notions of gender, adding temporal dimensions to enslaved womanhood (Omolade 1983, 364). By day enslaved women's limbs and muscles were highlighted as they performed physical labor that produced profits and comfort for their enslavers. By night their sexual organs were emphasized as enslavers violently imposed their carnal desires onto enslaved women to forcibly reproduce the "capital investment" of slavery

[33] While this uses some of the same language as the new materialism's discussions of positive, transcendent becomings (e.g., Deleuze and Guattari 1987; Haraway 2016; Ingold 2011), the process of becoming-fungible was nauseating brutal (e.g., Browne 2015; Fanon 1967; Musser 2012; Spillers 1987). This highlights the fact that the new materialism's discourse on becomings is itself racialized, emerging from, and largely speaking to, the experiences and possibilities of whiteness (e.g., Benjamin 2018a; Byrd 2011; T. L. King 2017; Yountae 2014).

(Hartman 2016; T. L. King 2016; also see Byrne 2003). The entanglement of enslaved people and the political economies of slavery was enacted through a lifelong monetization of Black flesh (Berry 2017; Spillers 1987). John Adams (1872, 8–9) described this process in Frederick County, recalling that "[y]ou would see them [his enslavers] going around… put[ting] their hands on one of the little negroes… say[ing] 'here is $1,000, or $1,500 or $2,000.'" Parts of enslaved people's bodies were also picked out and used to violently terrorize their peers (V. Brown 2008). In 1763, Tom, an enslaved man convicted of shooting a white Shenandoahans, was decapitated and his severed head affixed to a pole placed along a major road in Augusta County (Simmons 1997, 166). Similarly, in February 1780, Violet, an enslaved woman, was executed for arson and her severed head was "stuck upon a pole in the public place near Staunton" (Noyalas 2021, 21). And in December 1807 Frederick County paid a local physician to castrate Joe, an enslaved man convicted of attempted rape (McKay 1808, 564).[34]

This fungibility allowed enslavers to create ever-shifting definitions of Black women, children, and men as differently and enslaveably human. As a result, we must see "slavery [as] a technology for producing" and describing "a certain "kind of human" that could be enslaved, a *homo servus* whose dispossession allowed those enacting this violence to extract wealth and status from Black flesh (e.g., Benjamin 2018b; Du Bois 1976; C. I. Harris 1993, 1717–18; Hartman 1997; Z. I. Jackson 2016, 96; Judy 2020). These views about enslaved people's humanities were recited throughout the Antebellum South (e.g., C. Jones 1828, 273; J.S. 1841a, 138; Kennedy 1853; Stephens 1861; Williams 1859, 35; Wray 2006, 61). And this type of enslaveable human other was understood to be different than other racialized forms of humanity (also see T. L. King 2019). For instance, a Shenandoah Valley newspaper published a story

[34] Alexander McKay notes that he was paid £4.15 to castrate Joe but does not state why. However, a 1792 law declared that castration was only legal if an enslaved man "attempted to ravish a white woman" (Guild 1969, 160).

decrying the "import[ation] and hir[ing] out" of Indigenous Mexicans "as slaves… their owners being allowed to whip them *in the same manner as negroes*" because while "Indians, no doubt, are troublesome in Yucatan… selling them into slavery is a wicked way of getting rid of them" (Spirit of Jefferson 1853b, my emphasis).[35] While the author argues that Indigenous women and men do not have a right to their land, hence the concern over their enslavement and not the idea of "getting rid of them," they put Indigenous people in a different ontological category than Black people, who can be enslaved and whipped. These ontological politics took place throughout the Atlantic world – in slave ships, plantations, market towns, and capital buildings. It was an all-encompassing fact of life wherever slavery was practiced and wherever the wealth produced by enslaved women and men accumulated.

Assembling Enslaved Lives addresses how these political economies played out in the Shenandoah Valley. But to do this, we must discuss the mechanisms that reproduced these enslaving assemblages. Like all assemblages, no component determined if and how enslaving assemblages repeated across time and space (Bennett 2010). They resulted in enslavers accumulating power and wealth and enslaved people accumulating scar tissue and emotional trauma, but these accumulations and the definitions of the human that guided them were contingent and relied on a variety of factors. But this does not mean that enslaver's greed was not important. Without a greedy desire for profits and status enslaving assemblages could not have operated. Similarly, the forms of humanity these assemblages produced were not teleological, playing out with a certain end in mind. Instead, these were ontologically plastic, with the forms of humanity inhabited by enslaved people being radically recomposed in whatever way was

[35] The article does not mention where these Indigenous people were being enslaved.

needed to continue the repetition of enslaving assemblages and the forms of humanity they generated (Z. I. Jackson 2020, 10).

As a result, discourses about enslaved humanity took a variety of often contradictory forms in the Shenandoah Valley that were united solely by their attempts to define Black people as differently and enslaveablely human. For instance, white Shenandoahans could read descriptions of enslaved people in newspapers and agricultural journals which argued that "gearing and ungearing" horses was beyond "the genius of the negro" *and* that enslaved people "possessed… a degree of emulation" and intelligence "equal" or even "superior" to "white laborer[s]" (T. P. Jones 1827, 298; Skinner 1825, 3; J.S. 1841a, 138). Similarly, enslaved people could be defined as literal "animal[s]" who produced the same "secretion[s]" as sheep *and* as the "least observant" and most "heedless, thoughtless human being" among whom there was "almost an entire absence of moral principle" (American Farmer 1829, 113; Gooch 1833, 139; Tayloe 1837). Arguments that defined the enslaved as differently human based on morals and intelligence were used alongside newer biologically-based definitions of race that began in the early-19th century (Franklin 1820; 1839; W. H. Harrison 1832; Home 1821) based solely on what worked at the time. And secularized arguments that justified slavery using examples from the natural world were used alongside older religious arguments for slavery that were radically called forth to fit enslavers' needs (Adams 1872, 19–20; Farmers' Register 1836; Newman's History of Insects 1847; Veney 1889, 7–8; Winchester Virginian 1849).[36] In other words, we see

[36] The recycled discourses about the subjugation of enslaved people as an element of divine order come to us primarily through the narratives of formerly enslaved people instead of newspaper articles, which provided the other sources cited in their paragraph. This suggests that while we see older arguments were called forth to justify slavery, these discourses were enacted in conversations between enslavers and the enslaved, while more secular discussions of intelligence, morality, or biology occurred between enslavers.

perpetually shifting definitions of diasporic Africans as differently human based on the role these definitions were required to play in specific discourses.

Hartman (1997) further argues that this plasticity can be seen in enslavers' discourses about enslaved people's agency. As noted earlier, liberal humanism uses regimes of animacy to render Black people as differently and inferiorly human by describing them as less agentic than fully human white subjects. But at times enslaved peoples' agency was made legible to create "forms of subjectivity and circumscribed humanity" that intensified enslaving assemblages (Hartman 1997, 6). Hartman notably points this out in discussions of sexual assault, where enslaved women's (possible) agency was recognized by enslavers to a limited degree to construe these women as consensual participants in their rape, while the recognition of agency during trials of enslaved men accused of sexual assault was used to criminalize them (Hartman 1997, 94). Dancing was also an act wherein enslaved people's agencies were acknowledged to advance slavery, as forcing Black women and men to dance for their enslavers amusement made "the slave… appear as if born to dance in chains" (Hartman 1997, 42–47). These contingent recognitions of agency took place in the Shenandoah Valley. Bethany Veney (1889, 8–9) mentions that during her childhood in Page County her enslaver:

> had a way of entertaining his friends by my singing and dancing. Supper over, he would call me into his room, and, giving me to understand what he wanted of me, I would, with all manner of grotesque grimaces, gestures, and positions, dance and sing…. many… songs….

Similarly, Adams (1872, 19) recalls that if an enslaver's child "got a little hurt all the negroes on the plantation had to run and pick up the child and kiss and pet it," acknowledging enslaved people's agency as it related to caring for enslaver's children.

Many studies, particularly those influenced by Orlando Patterson's social death (1982), Michel Foucault's biopolitics (1990; 2008), or Giorgio Agamben's bare life (1998) focus solely

on the abject ontological categories enslaved people were slotted into (e.g., Olaloku-Teriba 2018; Sexton 2015; Warren 2018; Wilderson 2020). Doing so critiques enslavers' refusal to recognize enslaved people as fully human, but it does so by "neglect[ing] and/or actively disput[ing] the existence of alternative modes of life" that emerged "alongside the violence, subjugation, exploitation, and racialization" of enslavement (Weheliye 2014, 1–2). This also leads us to the same position as structure-centric archaeologies, overemphasizing oppression to the point where life becomes impossible to see (V. Brown 2009, 1235). And as Katherine McKittrick (2014, 18) argues, if we only look at "death and violence" then the "stories we tell" can only produce "knowledge about… black subjects that render… them" as people who suffered, but never truly lived (also see Hartman 1997; Spillers 1987). As such, it is vitally important that we keep this "livingness" (sensu McKittrick 2021) in our studies of enslaved lives.

When we carefully attend to enslaving assemblages, we see enslaved people decomposing the ontological category of the *homo servus* as they made lives for themselves. We cannot separate such acts from the wanton brutality inflicted on Black women, children, and men, as violence and "[p]ain [are] normative condition[s]" of enslavement" (Hartman 1997, 51). But this ontological trauma, and the ways it oriented enslaved women and men relative to the other parts of enslaving assemblages, created possibilities for making lives within it (Chude-Sokei 2018, 47; Glissant 1997; C. E. Sharpe 2016; Weheliye 2014; Yountae 2014, 291). Painful, traumatic lives, but lives all the same. We can follow Hartman (1997, 76) in describing acts that provide "relief, restitution, or recover[y]" by (re)assembling and (re)describing oneself in the face of Black fungibility as redress. Redress is what allowed enslaved people to make lives for themselves. It did not remove them from pain and violence, nor did it stop enslavers from defining Black women, children, and men as differently and enslaveably human. But it did allow

for “alternative configurations of the self and the redemption of the body as human flesh, not beast of burden” (Hartman 1997, 51, 77). To put it in Wynter’s terms, acts of redress were a counter-politics of being wherein enslaved people (re)described themselves as human in their own ways, or at least in as much of their own ways as possible within the confines of slavery.

The counter-politics of enslaved life took many forms. *Assembling Enslaved Life* explores how hunger, market towns, ceramics, yard spaces, and cellars played important roles in the ways enslaved Shenandoahans redefined themselves as human. But for the time being, let us explore three quick examples of these counter-political acts of redress in the Shenandoah Valley. Adams (1872, 15) recalled that his enslavers “took my labor to educate their children, and then laughed at me for being ignorant and poor, and had not sense enough to know that they were the cause of it.” They denied him education and then used this lack of education to define him as intellectually inferior and enslaveablely human. In response, Adams talks at length about the importance of education, how his brother bribed white children with apples to teach him to read, and the satisfaction he felt at being literate despite his enslavers’ objections – acts that redefined him as intelligently human. The second example comes from an unnamed woman enslaved in Rockingham County’s Tenth Legion neighborhood (Slave Poem n.d.). Her children were taken from her, and she was punished for trying to get them back. Later, she wrote a poem recounting her experiences and defining herself as someone this should never have happened to:

> If I was wite as some folkes are,
> I’d hab a chance to live:
> But I is black, all over black
> So wite folkes hab a chance to swear
>
> They take my little niggies way
> And bind dem also tight
> When want to get dem back again
> I is de Debble of de day

De sheriff comes mid men and clubs
To take me like a teif
Dey curse, dey swear, dey knock me down
Like [illegible] ketch bear wid dogs and clubs

Right in de parsons house dey go
Right were de ladies are
Dey skear dem all and make dem mad
Before dem all dey knock'd me so

Dey takes me off before de judge
De people all around
Dey swear, dey lie and I must hush
I dare not move, nor dare judge

Den I is wipt right on my back
And no one pities me
Wat I have done no one can tell
Now I is wipt couse I is black

Tenth legion is a braggy place
Were none's to be king
Were 'spect is paid to ladies fair
As you can see in old niggies case

Finally, we recovered 91 adornment artifacts from our excavations at Quarter Site B at Belle Grove Plantation (see Chapter 4). Among these are five beads, three comb fragments, a copper-alloy bracelet, the silver-plated setting for a ring, a fan blade, and parts to two different parasols. These speak to enslaved women reassembling their bodies using jewelry, combs, beads, fans, and parasols, letting them present themselves as they wanted (Camp 2002; 2004; Thomas and Thomas 2004). A lot of these are fairly unique items, allowing these women to be easily differentiated from one another. Who is the woman with the bracelet? Oh, you must be talking about Judah. Whose fan is that? It belongs to Sucky. Who is that woman with the parasol? If it is the yellow one that is Sally, if it is the blue that is Truelove. In this way, the women created their own definitions of humanity, one that did not see themselves as fungible but as people with different needs, desires, tastes, and senses of style.

We must take care not to define all counter-politics as acts of resistance. Certainly, some were, and I do not mean to diminish these. But I do not think that we can classify the quotidian practices discussed in *Assembling Enslaved Lives* as acts of resistance. Instead, we should see these counter-politics as the poetics of enslaved life, as ways of making do within slavery (sensu de Certeau 1984) that redressed the pain of being pulled apart, recomposed, and rendered differently human instead of practices aimed at overturning the institution of slavery (also see Reilly 2019, 39; Silliman 2001; 2014). Jenny Sharpe (2003, xvi–xxiii) and Alexander Weheliye (2014, 2) further argue that focusing on resistance hinders us by implying certain motivations behind actions, by casting these motivations as always already fully-formed and "working against something or someone," and by setting these actions up for defeat when we fail to demonstrate that resistive motivations generated resistive effects.

Jackson (2020, 4, my emphasis) refers to ontological counter-politics as "[u]nruly but *generative* conceptions of being." This generative aspect is critical because it lets us address how the ways enslaved people redefined themselves as human affected the world around them. For instance, enslaved people bought things from local merchants that they used to redefine their humanities, and these acts of consumption affected the local economy. These actions could produce what Tiffany King (2019, 2) calls "shoals," "thought[s], movement[s], aesthetics, resistance, and lived experiences" that "chaf[fed] and rub[ed] up against the normative flows of Western thought," disrupting enslaving assemblages and the definitions of the human they relied on. But, we also need to recognize that these generative effects could also inadvertently advance the enslaving assemblages that violated these women, children, and men, which we can see through a close (re)reading of Hartman's (1997) discussions of slavery, subjectivity, and agency.

Hartman (1997, 54–55, my emphasis) explicitly argues that enslaved people could not have reproduced the institution of slavery:

> Slavery is characterized by direct and simple forms of domination [and] the brutal asymmetry of power… that make it difficult, if not impossible to direct one's own conduct, let alone the conduct of others. As Foucault remarks, 'There cannot be relations of power [as opposed to domination] unless the subjects are free'…. In a state of domination, the operations of power appear more repressive than productive, and the attendant forms of subjugation seem *intent upon preventing the captive from gaining any measure of agency that is not met with punishment*.

In other words, Foucault focuses on how subjects reproduce political structures through daily practice because of their ability to exert agency without being punished. Hartman argues that enslaved people do not meet the conditions needed to see them as Foucauldian subjects whose actions reproduced enslaving assemblages because "any measure of agency" was punished.

However, Hartman undermines her argument by discussing at length how enslavers coopted enslaved people's agencies (see above). Some of these agencies were punished, but others were encouraged. Part of the disconnect between my reading of Hartman and what I believe she was trying to convey is her definition of agency as an "exercise of the will" that is "determined by, exploit[s], and exceed[s] the constraints of domination" (1997, 54–55). In addition to being mired in questions of intentionality (Giddens 1984), Hartman focuses on the structure-determined forms of agency available to enslaved people but ignores the effects these agencies had on the structures that generated them. Taken to its logical conclusion, this definition of agency-*qua*-intentionally separates cause from effect to the point where we lose the ability to see what enslaved people did and the effects these doings had. This reproduces regimes of animacy that defined enslaved people as unable to affect the worlds around them (Chen 2012). But if we see agency as the ability to affect and be affected by the world (e.g., Despret 2013; Giddens 1984; Latour 2005) then we see enslaved people being forced to dance as agency, as

things they did (willingly or unwillingly) that affected and reproduced enslaving assemblages. This provides a fuller understanding of slavery by addressing how enslavers coopted the ways enslaved people affected the world around them to ensure that enslaving assemblages maintained their tautness as they repeated across time and space.

But to see this, we must return to Hartman's argument that "any measure of agency" by enslaved people was "met with punishment" by asking how a system as repressive as slavery could recognize and coopt enslaved people's agency? Here, Jackson's discussion of the ontological plasticity of enslaved humanities is crucial. Enslaving assemblages reproduced forms of humanity that allowed some people to profit from the abjection of others. So long as these forms advanced this goal, the contours of their being did not matter. If enslaved people's agencies could be pulled back into and recomposed with definitions of the human that advanced slavery, this could be done without any apparent contradiction. This made enslaved life itself fungible, with enslavers "salvaging"(sensu Tsing 2015, 63) the ways enslaved people sought to make do within the confines of slavery, recomposing these actions and their effects to generate new forms of slavery. Since acts of redress primarily took place outside of forced labor regimes, this made "[t]he hours from sundown to sunup" just "as important as those spent in the field" when it came to the repetition of enslaving assemblages (Hartman 1997, 45).

This is not a comfortable position, as it threatens to pervert how we talk about enslaved life. It is dark and grimy. But so was slavery. If we insist on sanitizing slavery by looking at enslaved people's agency without acknowledging the ways enslavers could twist their actions around and used them to perpetuate the institution of slavery, we cannot adequately theorize it. I want to make it clear that I am not blaming enslaved people for enslavers manipulating their actions. The conditions of slavery and enslavers' desires for profit and possession are to blame

(Hartman 1997, 47). Enslaved people were simply trying to find some way, any way, to seek redress by redefining their humanities and making lives for themselves within enslaving assemblages.

With this understanding of enslaving assemblages and the generative (counter-)politics of being that took place within them, we are ready to start looking at enslaved life in the Shenandoah Valley. But first, we must look at the sources of data we will use in this endeavor.

Chapter 4: Belle Grove Plantation

Historical archaeology in the Shenandoah Valley began in the 1970s. While relatively few studies have addressed life in the mid-18th century (e.g., Hofstra and Geier 1996; 2000; Jolley 2002; 2005; 2013), later periods have received more attention. Research on the late-18th to mid-19th centuries generally addresses the region's industries – including ceramic production (Bloch 2015; 2016; Jolley 2004; Russ 1995; 1999; Russ and McDaniel 1986; 1991b) and iron foundries (Ellis 2010; Russ et al. 2000) – or life at Liberty Hall Academy, a local Presbyterian college (modern-day Washington and Lee University) (Bloomster et al. 1987; Galke 2006; A. Jackson 2007; McDaniel and Potter 1978; 1980; McDaniel and Russ 1989; McDaniel et al. 1979; Russ and McDaniel 1991a).[37] While everyday life in the Valley's rural areas has received less attention, archaeologists have discussed identity, consumption, and the changes brought by the region's growing participation in global wheat markets (Bednarchuk 2006; Fennell 2003; 2017; Higgins 2005; Hofstra and Geier 2000; McDaniel and Gregory 1999; McDaniel and Potter 1978; McDaniel and Russ 1984).

Like historians, archaeologists were slow to study slavery in the Shenandoah Valley. By 2010, only one building inhabited by enslaved Shenandoahans had been identified and excavated (Higgins et al. 2001). However, discussions of the Parnassus farmstead, the Augusta County property associated with this dwelling, primarily focus on the farm's white inhabitants (Higgins et al. 2001; Higgins 2005), and the authors do not clarify if this stems from a lack of data associated with the enslaved household or a lack of interest in this component of the site. The

[37] Harpers Ferry is located on the northern edge of the Shenandoah Valley, and has seen extensive archaeological investigations since the 1980s, but most Valley historians do not include the city in their discussion. As such, I do not include this literature on the city in this chapter.

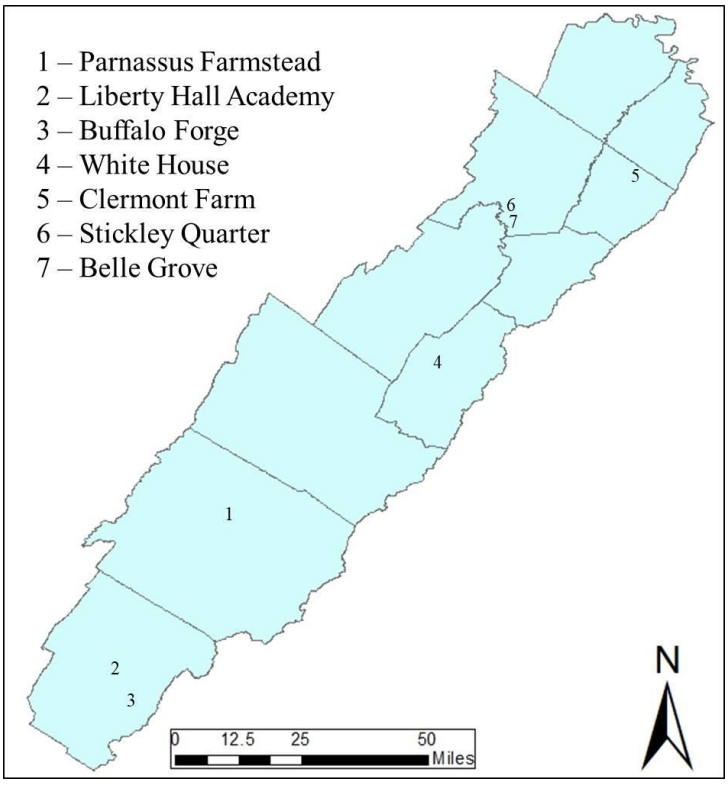

Figure 7. Location of archaeological sites inhabited by enslaved Shenandoahans. Map by author.

past decade has seen a growing interest in the archaeology of enslaved life in the Valley, with six new sites being excavated (Figure 7). In the southern Valley there have been limited excavations at a farm associated with Liberty Hall (Gaylord 2016; 2018a; 2018b; Schweickart 2019) and a quartering site at Buffalo Forge, a 19th-century iron foundry (Schwartz 2016; 2017; 2018a; 2018b; Forthcoming). Limited excavations have occurred at the White House, a 19th-century farmstead in Page County owned by an enslaver (Carole Nash, pers. comm.), although structures definitively associated with enslaved people have not been identified yet. In the northern Valley, mitigation-related excavations have occurred at Clermont Farm in Clarke County (Geier and Nash 2016) and the Stickley Quarter in Frederick County (Cosby 2014; Cosby et al. 2013; Samulski 2014). The final site is the main quarter associated with Belle Grove Plantation, which is a large, unplowed site covering around 1.5 acres inhabited from c. 1800 into the 1850s, with five possible house sites and four large sheet middens. Because of its size and decades-long

inhabitation, I selected this quarter to use for my dissertation, and I directed excavations at Belle Grove in 2015-2019 to get data for *Assembling Enslaved Lives*. This chapter provides a history of Belle Grove Plantation and the archaeological research that has occurred there.

Belle Grove Plantation: A History

The portion of southern Frederick County that would become Belle Grove (Figure 8) was first inhabited by Virginia Indians.[38] We do not know when Indigenous women and men came to this land, but one Paleoindian site (44WR455) has been found nearby, suggesting that Native people hunted on, camped at, and moved through Belle Grove as far back as 12,000 years ago. The most intensive evidence for the presence of Virginia Indians at and around Belle Grove comes from the Late Woodland era. A palisaded village site is located south of the plantation on the southern bank of the Shenandoah River (44SH001), and Woodland-era sites have been found at Belle Grove (including Quarter Site B) where women and men from this village likely gathered plants, hunted, and collected stones for making tools (e.g., Greer 2016a, 3; Forthcoming). However, social, political, and epidemiological shockwaves from European colonization east of the Blue Ridge Mountains severely disrupted Indigenous life in the Valley, and most local groups left the region by the early-18th century (e.g., McConnell 2010).

In 1731, the colony of Virginia granted Jost Hite and Alexander Ross 130,000 acres of land between the Potomac River and Cedar Creek, with the condition that they settle one family for every 1,000 acres they acquired (Hofstra 1990, 108; 2004, 34; Mitchell 1977, 29) (see Chapter 1). The heads of two of these families, James Hoge and William Vance, acquired land near the confluence of Meadow Brook and Cedar Creek in what would become southern

[38] Virginia Indians is the preferred nomenclature of Native American groups in the state.

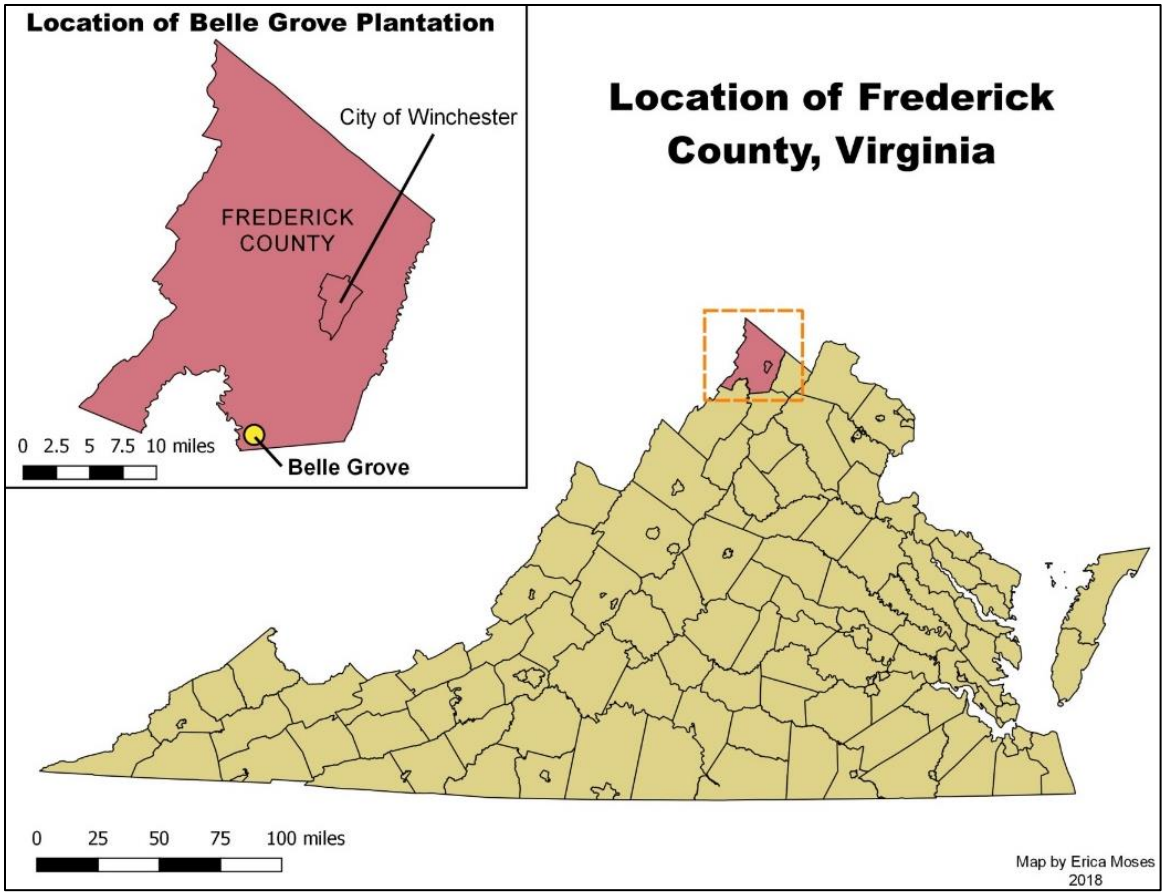

Figure 8. Location of Belle Grove. Map by Erica Moses.

Frederick County. In 1748 Hoge sold 300 acres of this land to Jost Hite's son Isaac Hite, Sr. who bought an additional 183 acres from Vance in 1770 (Geier 1995, 8–9). These 483 acres became the core of Belle Grove Plantation. Hite did not live at Belle Grove, instead residing at his 1,689-acre Long Meadow estate immediately to the south. The dividing line between these properties was the Great Wagon Road (modern Route 11). At some point before 1783, a two-story wooden dwelling, later known as Old Hall, was built at Belle Grove, along with a few possible outbuildings (Geier 1995, 10–11). Nothing else is known about the activities that took place at Belle Grove before 1783.

In 1783, Isaac Hite, Sr. granted Belle Grove to his son Isaac Hite, Jr. as a wedding gift following his marriage to Nelly Madison. The newly married couple took up residence in Old

Hall. In preparation for the Hite's arrival, a one-story addition was built onto the north (rear) façade of Old Hall, likely constructed of limestone (Geier 1995, 11–12). Following the wedding, Nelly Madison Hite's father, James Madison, Sr., gave the couple 15 enslaved people (Jemmy, Jerry, Milly, Sally, Eliza and her children Joanna, Dianna, Demas, Pinder, and Webster, and Truelove and her children Peggy, Priscilla, Henry, and Katey) who were forcibly relocated to Belle Grove (Chambers 2005, 241). By 1785, the Hites enslaved at least two other men (Ned and Primus) (I. Hite 1785), and in 1787 they paid taxes on 23 enslaved people (Schreiner-Yantis and Love 1987, 512). At least 64 other enslaved people lived within a few miles of Belle Grove in 1787 (Schreiner-Yantis and Love 1987), allowing an enslaved community to develop in the neighborhood (sensu Kaye 2007). In addition to 22 enslaved children born between 1788 and 1800, the Hites acquired 15 enslaved people from family members – a woman from Isaac Hite's sister in 1789, four from a cousin in 1791, and nine from Isaac Hite, Sr. upon his death in 1795 – bringing the number of people the family enslaved to over 50 (I. Hite 1859).

By 1786, enslaved farmers grew a variety of crops in Belle Grove's fields, including "wheat, rye, oats, clover, flax, hemp, and buckwheat" (Geier 1995, 18; I. Hite 1785). To process the grains grown by enslaved farmers the Hites commissioned the construction of a large agro-industrial complex in the 1790s that included a storehouse, distillery, and gristmill, as well as a sawmill (Geier and Lotts 2003a). These agricultural activities are discussed in depth in Chapter 5. Over time, the Hites became increasingly involved in the cattle trade, buying underweight cattle from drovers making their way to Winchester and having enslaved cowherds fatten these animals in feeding lots over the winter before selling them (sometimes at twice their original value) the following year (Skinner 1821; also see McMaster 1990, 199; Sorrells 2005). While most people enslaved by the Hites worked in the fields or processed agricultural products, others

performed artisanal labor. This included enslaved carpenters, cobblers, blacksmiths, and probably coopers who made barrels for storing and transporting flour and whiskey (I. Hite 1794; Rockwell 1974, 84). Other enslaved people performed domestic labor like cooking and gardening to maintain the Hites' extravagant lifestyle.

As enslaved farmers enriched the Hites, the couple commissioned new outbuildings, a one-story limestone office and store approximately 750' south of Old Hall, and a one-and-a-half story, 74' x 40' limestone manor house, commissioned in 1794 and finished in 1797 (Geier 1995, 12–13). The layout of these buildings and the rest of the plantation landscape are discussed in Chapter 10. In the 1810s the Hites commissioned an addition off the west façade of the manor house, giving it a total length of 100' and an icehouse was constructed 70' south of Old Hall (Geier 1995, 19). Old Hall continued to be used as a dwelling, housing Isaac Hite's eldest daughter and her husband from 1811 to 1819. Oral history suggests that enslaved people may have lived in the dwelling afterward (Wootton et al. 1996, 13).

During this time, the Hites amassed thousands of acres in Frederick County (Figure 9). Wills and deed books (Buck 2007a; 2007b; 2007c; 2007d; 2008; 2009; 2010), provide a rough history of these acquisitions (Appendix C, Table 1). While the Hites began expanding Belle Grove in the 1790s, most of their acquisitions during this decade occurred at two new properties. The first was Long Meadow, with the Hites inheriting most of the estate after Isaac Hite, Sr.'s death in 1795. While Long Meadow abutted Belle Grove, it was managed as a separate estate for the next four decades. Around this time the Hites purchased 400 acres along Buffalo Marsh (three miles north of Belle Grove's manor house). While this land was separated from the rest of the Hites' holdings, they bought another 595 acres in the area in 1799 and consolidated these into a 1,472-acre estate referred to as Rockville after buying an additional 477 acres in 1811.

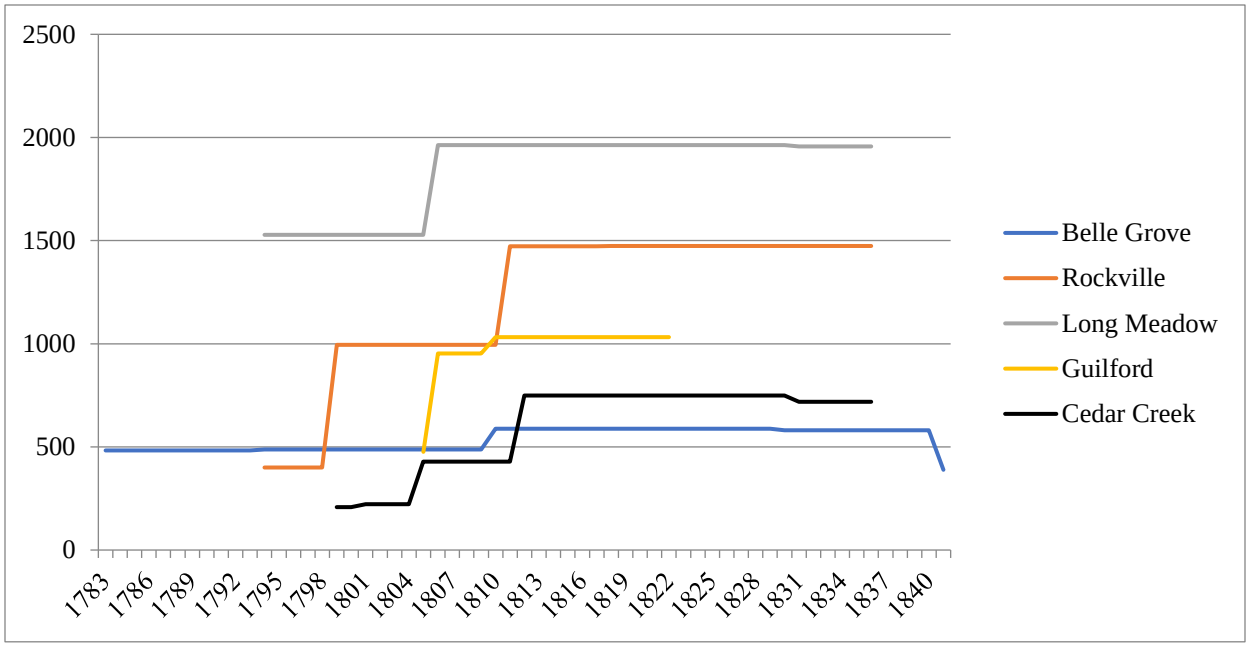

Figure 9. Land owned by Isaac and Ann Hite, by tract. Cedar Creek land is part of Belle Grove, Rockville, or noncontiguous land between these estates. Data presented in Appendix C, Table 1.

Between 1799 and 1812 the Hites acquired 749 acres along Cedar Creek that were either part of Belle Grove or Rockville or noncontiguous with the rest of their holdings. Regardless, by the early 1810s, the Hites owned a (nearly) contiguous 4.5-mile stretch of Cedar Creek's eastern bank. The Hites also acquired land in eastern Frederick County (modern-day Clark County) near White Post (11 miles northeast of Belle Grove's manor house), buying 953 acres in 1805-1806, and expanding this into a larger, 1,100-acre estate referred to as Guildford in 1811. In 1823, the Hites gave Guilford to their eldest son, James Hite.

The Hites hired overseers to manage Long Meadow. Isaac Hite notes in an 1817 letter to Isaac Bowman that "in the summer and fall of 1813 *my overseer Dabill* informed me that he had repeatedly told you your fence was so defective that cattle, horses, and hogs were frequently depredating upon me" and that "*My other overseers McMullin and Finnell* have been equally clamorous" (I. Hite 1817a, my emphasis). In another letter, Hite writes "I can prove by *every overseer that has lived with me* since we agreed to join fences that your fence has been kept in

such repair that stock of every description... have depredated upon me every summer *for at least six years*" and "last summer *my overseer* rode over to your house and informed your wife that your cattle were on my oats" (I. Hite 1817b, my emphasis). In 1806 the Hites gave 22 acres of Long Meadow to Bowman (Buck 2007c, 39), and this was the only place where their properties abutted, placing the overseers at Long Meadow, where they could see the damage firsthand and report it to the Hites. Oral history also identifies a two-story dwelling at Long Meadow as the Hite-era "Overseer's House" (GeeGee Pasquet, pers. comm., 2018). The practice of employing overseers at Long Meadow continued until 1837, when overseer John Tipton was paid an annual salary of $101.17 (Bent 1837). We do not have evidence of overseers at Rockville or Guilford, but since the Hites hired overseers for Long Meadow they likely employed at their other properties. The Hites' sons James, Isaac Fontaine, and Walker Hite may have also managed these estates at some point. Alternatively, it is possible that enslaved men managed these other properties (Sandy and Phillips 2021).

In the early-19th century, the number of people the Hites enslaved increased through inheritance, purchases, and enslaved mothers giving birth. By 1810, the Hites enslaved 103 women, children, and men (US Bureau of the Census 1810a). Ten years later they enslaved 101 people (US Bureau of the Census 1820a). The Hites would have divided these women, children, and men between their four plantations, and each would have had its own quartering site(s).[39] As Belle Grove was the Hite's main plantation, making it the site of intense domestic labor in addition to agricultural and artisanal labor, I assume around 30 to 40 women, children, and men were enslaved at the property, but ultimately, we do not know how many people were enslaved

[39] The term quarter can refer to a parcel of land within a plantation, the place where enslaved people lived, and the induvial houses in these living spaces. Following Barbara Heath and Eleanor Breen (2009), I use quarter/quartering site to refer to enslaved people living spaces, house/home/cabin to refer to the dwellings in these spaces, and estate/tract/plantation to refer to the Hites four properties.

here. On 26 October 1824, the Hites sold "sixty slaves, of various ages" (Daily National Intelligencer 1824). While the specific reason for this sale is currently unknown, the Hites also advertised the sale of "a large number of Horses and Cattle" and "a great variety of Plantation Implements," including "Wagons, Carts, [and] Ploughs" so the couple may have decided to pay debts incurred during the Panic of 1819 by selling people into the interstate slave trade (see Chapter 5). By 1830 the Hites enslaved 55 women, children, and men.

Isaac Hite passed away in 1836. His will divided Long Meadow and Rockville among his children and bequeathed Belle Grove to his second wife Ann Hite along with the 44 people the couple enslaved (I. Hite 1827; US Bureau of the Census 1830a). While Belle Grove flourished under Ann Hite's ownership, she sold portions of the plantation and the number of enslaved people continued to decrease, with 26 people enslaved at the property in 1850 (US Bureau of the Census 1850d). The following year Ann Hite passed away. The remainder of the 1850s at Belle Grove remains unclear, although archaeological evidence suggests that enslaved people lived at the plantation after 1851 (see below). The Hites' son Isaac Fontaine Hite may have sent some of the 20 people he enslaved to Belle Grove to work the plantation's fields during this time (US Bureau of the Census 1850d).

In 1860, Benjamin and John Cooley purchased Belle Grove (Geier 1995, 22). That year the Cooleys enslaved six people: a 15-year-old boy, a 32-year-old mother named Harriet Robinson, and Harriet's four children (aged two to nine) (US Bureau of the Census 1860c). The Cooleys also employed Harriet's husband Lewis Robinson, a 57-year-old free Black farm laborer, and two free Black teenagers (Commonwealth's Witnesses 1861, 8; US Bureau of the Census 1860a). We do not know where all of these people lived, but the Lewis family resided in "an out house [sic] about 65 or 70 feet from [the manor] house" (Commonwealth's Witnesses

1861, 36). At approximately 60’ from the manor house, Old Hall is the most likely candidate, especially given the oral history about enslaved people living in the dwelling (see above). On 26 February 1861, Benjamin Cooley’s wife Hetty was found severely injured in Bell Grove’s smokehouse, later dying of her injuries. Harriet Robinson was charged with murdering Cooley, allegedly beating her and dragging her to the smokehouse. According to witness testimonies, Robinson “was a great enemy of Mrs. Cooley and… wished her dead many a time” (Commonwealth’s Witnesses 1861, 5). A week before the alleged assault, Cooley beat Robinson’s son Nath. When Robinson confronted Cooley about this, she “raised” a cane “to strike Harriet.” Robinson, however, grabbed it and beat Cooley until a bystander separated them (Commonwealth’s Witnesses 1861, 1–2, 35). The jury found Robinson guilty, and she was jailed in Richmond, Virginia before being executed in Staunton (Augusta County) in May 1862 (The Daily Dispatch 1862).

During the Civil War (1861-1865), United States (U.S.) and Confederate forces routinely occupied Belle Grove. This, however, did not completely impede life at the property. In 1863, the Cooleys bought two people from Rebecca Hite. At some point after his wife’s conviction, Lewis Robinson left Belle Grove, and by 1864 the Cooley’s replaced him with an unnamed free Black man who lived with his 27-year-old daughter and four younger children “right at the yard in a two-story log cabin,” which might be Old Hall (C. Johnson 1915b, 392). In late October 1864, the U.S. Army was camped on the eastern banks of Cedar Creek, with Belle Grove serving as their headquarters (Geier 1995:24). On 19 October the Confederate Army attacked the U.S. camp in the Battle of Cedar Creek, which the U.S. won after over 12 hours of intense fighting.

Following the Civil War, the Cooleys sold Belle Grove to James Davidson, who in turn sold the estate to John Rose, who sold the property again to James Smellie in 1881 (Geier 1995,

29; Rockwell 1974, 9). Andrew Brumback bought Belle Grove from Smellie in 1907, and his son J. Herbert Brumback inherited the property in 1912 (Geier 1995, 30). Under the Brumback's ownership, Belle Grove underwent the largest transformation in a century, with many remaining Hite-era outbuildings demolished to create a modern farm complex (Geier 1995, 31). The Brumbacks operated a bed and breakfast at the property in the 1920s, using the food they produced to feed guests (Geier 1995, 32). One frequent guest of Belle Grove during the 1920s was Frances Hunnewell, who bought Belle Grove from the Brumbacks in 1929 and restored the manor house to its Hite-era appearance (Geier 1995, 32).

Following Hunnewell's death in 1964, Belle Grove was bequeathed to the National Trust for Historic Preservation (NTPH). Three years later the property became a historic house museum operated by Belle Grove, Inc., which strives to maintain the property's historic integrity to "stimulate historical and preservation awareness" (Belle Grove, Inc. 2019). Outside of the plantation core, much of Belle Grove is wooded or rented by local farmers. In 2002, the National Park Service established the Cedar Creek and Belle Grove National Historical Park, which officially opened in 2010, which operates in partnership with NTPH/Belle Grove, Inc. and several other organizations.

Archaeological Research at Belle Grove

Archaeological research at Belle Grove began in 1972 and has continued periodically through 2021 (Geier and Tinkham 2006a; 2006b). Excavations in 1972-1994 focused on the manor house grounds (44FK016), including a shovel test pit (STP) survey of the site and excavations of Old Hall and several outbuildings (Geier 1994; 1995; Geier et al. 2008; Paonessa 1995; Rockwell 1974; Verry 1984). From 1994 onward, excavations continued periodically at the manor house (Geier and Tinkham 2007; Greer 2022), but research at Belle Grove began to

shift to the broader plantation landscape. Surveys and excavations have occurred at a cabin inhabited by white employees listed in tax and census records (44FK522), the office and store (44FK502), the agro-industrial complex, and fields and woods south and west of the manor house (e.g., Geier and Lotts 2003a; 2003b; Geier et al. 2006; Geier and Whitehorne 1994; Geier and Zienty 2001; Greer 2021).

Among the sites that have been identified are a possible quartering site (44FK520) – now called Quarter Site B – and an agricultural complex (44FK521), both located in a field just west of the manor house grounds (Geier 1995; Geier and Whitehorne 1994).[40] These two sites were located through a limited STP survey in 1994-1995, but their boundaries had not been delineated. In 2015-2018 I led archaeological investigations at these sites to determine their boundaries, assess their archaeological potential, and identify areas of interest that could be targeted in subsequent excavations (Greer 2016a; Forthcoming). This work began with the excavation of 444 STPs throughout the field west of the manor house on a 40' grid, which was then filled in with a 20' grid in portions of the field determined to be part of the two sites to better assess artifact distributions (Figure 10). In 2018-2019 we added 24 additional STPs (468 total) to extend the boundaries of the initial survey. The STPs identified the boundaries of the two sites, which abut one another, and located artifact concentrations at Quarter Site B. In 2016 and 2019 we excavated 13 3' x 3' test units at the quartering site and one test unit at the agricultural complex to assess areas of interest from the STP survey and to determine the sites' integrity. Artifact concentrations proved elusive at the agricultural complex, with a light nail scatter found throughout the site. This type of distribution is not uncommon when dealing with agricultural buildings and in these cases, metal detector surveys are often better at locating structures than

[40] These were both initially identified as quarters, but research described below indicated the 44FK521 is an agricultural complex.

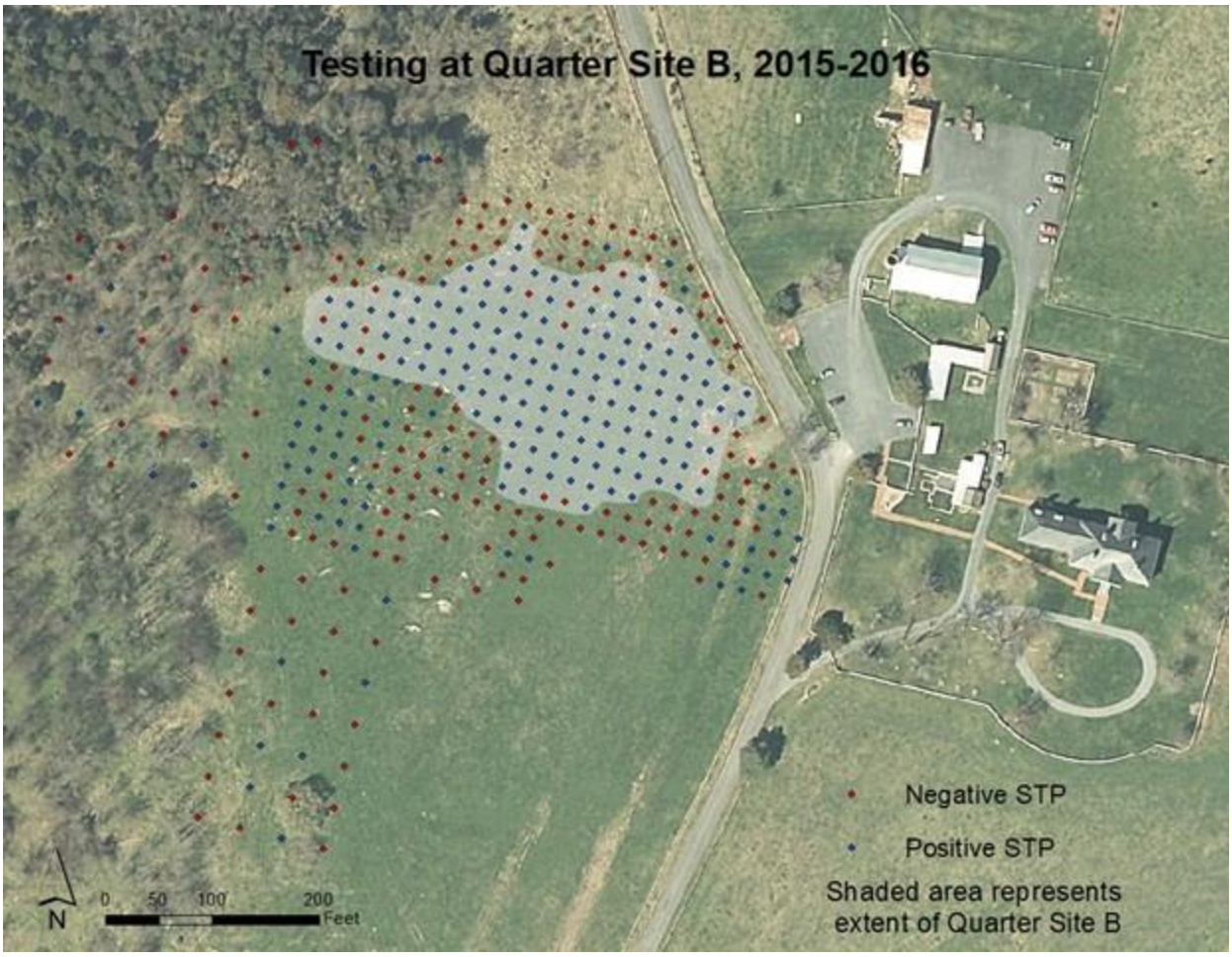

Figure 10. Shovel test pit survey at Quarter Site B, 2015-2016. Map by Erica Moses.

STPs (e.g., Reeves 2015b), so I worked with the Archeological Society of Virginia to conduct a metal detector survey of the site in 2018.

The metal detector survey excavated 666 detector hits at the site, generally located in four concentrations, suggesting the presence of two sheds in the southern end of the site, and a large barn and stable in the northern end. This was further confirmed by the presence of two buildings in the location of the stable and barn on Civil-War era maps of the property, and late-19th century photographs of the structures (Figure 11). No further work has been conducted on these

Figure 11. Historical documents depicting the agricultural complex (44FK521). Top: Sketch of the Battle of Belle Grove or Cedar Creek" by Jedidiah Hotchkiss, 1864. Image courtesy of Library of Congress. Agricultural Complex is represented by the two squares left of the road in the center of the map. Bottom: Photo 11.9, by Thomas D. Biscoe, 30 July 1884. Image courtesy of Marietta College. The stable and barn are the two buildings on the left.

buildings, and a ground-penetrating radar survey and test excavations are needed to identify their exact location, size, and orientation.

The initial investigations at Quarter Site B determined it to be a large (approximately 1.5 acre) quartering site. While soils at the site are moderately deflated from erosion, they had never been plowed, indicating a high degree of stratigraphic integrity. Ceramics from the site are primarily pearlware and whiteware, with relatively few earlier vessels, indicating that it did not have an extensive 18th-century occupation. We recovered multiple double-struck cut nails from the site, which date to 1790-1810 (G. L. Miller et al. 2000, 14). These nails are commonly found

Figure 12. Belle Grove house across Middle Brook, by James E. Taylor. The three houses on the left are in the location of Quarter Site B. Image from Taylor (1989, 401).

at the manor house grounds, indicating that they were used in the 1790s construction of the manor house (Geier 1995). The presence of these nails at Quarter Site B suggests that it was constructed around 1800, (partially) using leftover nails from the manor house construction. Blue-tinted ironstone sherds have been recovered from the site, indicating that it was inhabited into the 1850s (T. Majewski and O'Brien 1987, 122; G. L. Miller 1980, 18). Enslaved people may have lived at the quarter in the 1860s, but the (relatively) small number of people the Cooleys enslaved and the evidence for enslaved people living in Old Hall suggests that Quarter Site B may have been abandoned at this time. While the quarter does not appear on Civil War-era maps, an 1880s sketch of the battle shows three houses in the vicinity of Quarter Site B (Figure 12).

The STPs located four large sheet middens and five possible house sites within the quarter (identified by discrete clusters of architectural artifacts), indicating a large number of people lived at Quarter Site B. This strongly indicates that the site is an enslaved quartering site, as census records do not show the presence of a large free white community at Belle Grove. Furthermore, the one house we excavated (see below) had a subfloor pit, and this type of feature is predominately associated with the homes of Black Virginians, who used them for storing food and personal items (Samford 2007). The large number of people that would have lived at Quarter

Site B further suggests that it was Belle Grove's main quartering site, likely inhabited by farmers, artisans, and domestic laborers working in the manor house.

In 2017-2019 my team and I excavated 103 units at Quarter Site B, focusing on the easternmost house site (House Site 1), the yard spaces surrounding it, and three large middens near the home (Middens 1, 2, and 3) (Figure 13).[41] To sample the middens, we randomly placed 10 3' x 3' units in Midden 1, three in Midden 2, and three in Midden 3, with the number of units determined by the relative size of the middens. An additional two 3' x 3' units were excavated in Midden 2 to explore an artifact concentration identified in unit QB046, two additional 1.5' x 1.5' units were excavated in Midden 1 to delineate and excavate postholes identified in units QB058 and QB059, and an additional 3' x 3' unit was excavated in Midden 1 to delineate an indeterminate trench feature identified in unit QB055. We excavated 40 units in a 12' grid of 3' x 3' units throughout the rest of the project area to locate potential structures and collect data to assess the possibility of a swept yard in this part of the site. Potential features in four of these units necessitated excavating adjacent 3' x 3' units, including what was thought to be a potential foundation off QB052 (this ended up being a bedrock outcropping), a posthole in QB048, linear striations that ended up being bioturbation in QB013, and a borrow pit in QB033. Additionally, two units had features that required excavation blocks. One block, composed of eight 3' x 3' units and one 3' x 1.5' unit, delineated a series of fire pits and assessed artifact distributions around these features. The fire pits are discussed in Chapter 10 along with the distribution of artifacts throughout the project area.

We established the second excavation block, composed of 29 3' x 3' units, based on the presence of burned architectural debris in QB011, which ended up being the location of a log

[41] These excavations began while the initial assessments of other portions of the site and the adjacent agricultural complex were still ongoing.

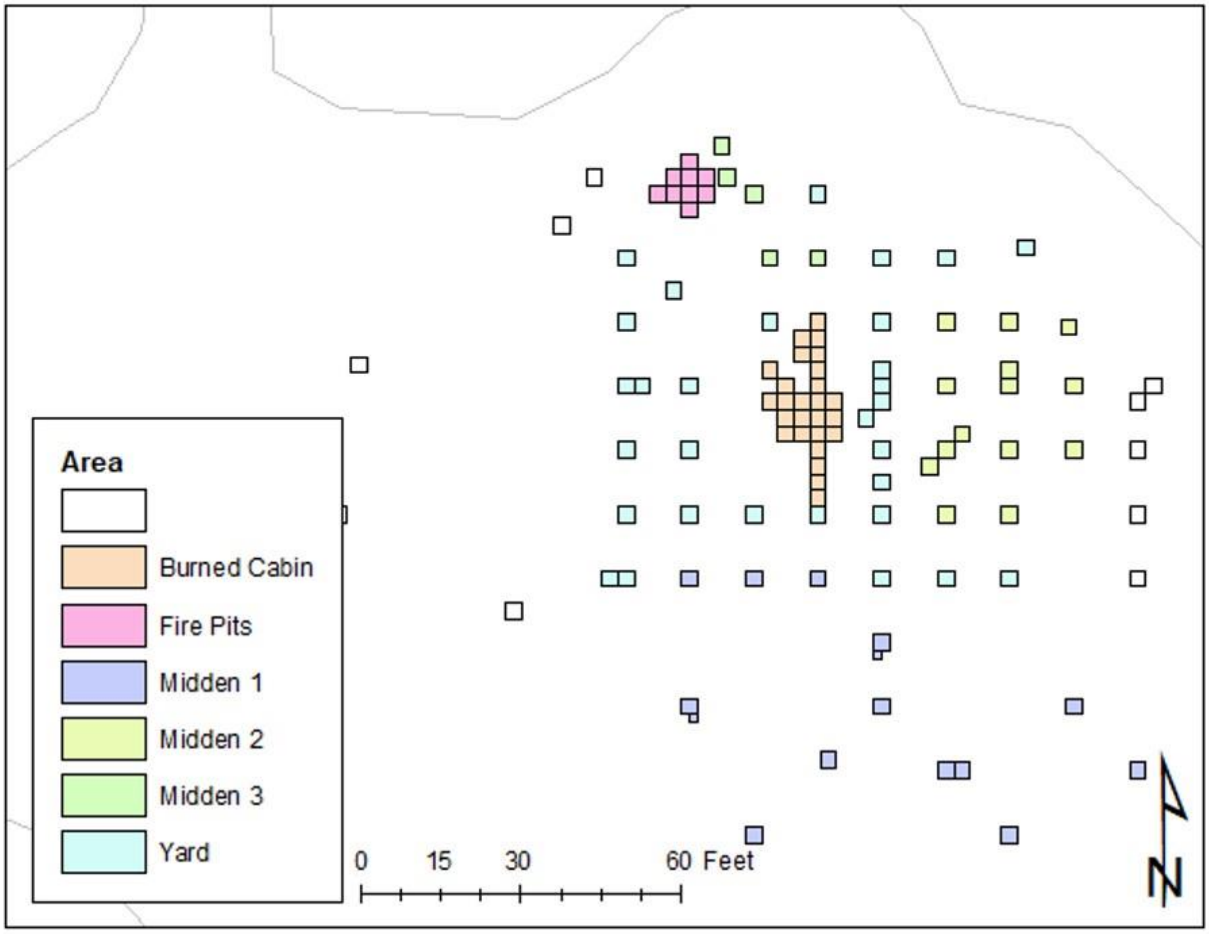

Figure 13. Units excavated at Quarter Site B, 2017-2018.

cabin that was likely built by enslaved people around 1800 when Quarter Site B was constructed, and which burned down in the 1850s while enslaved people were still living at the dwelling. We established that this was a cabin through the recovery of 11.45kg of daub used to chink the gaps between the dwelling's logs. We did not excavate the entirety of the cabin's footprint, but we did excavate a continuous 39' stretch of units running north-south through the block without encountering foundation elements, indicating that the cabin lacked a foundation. Instead, it likely rested on brick or limestone piers or sat directly on the ground surface. We did, however, recover 119.43kg of brick fragments and 2.21 kg of mortar, likely from a brick chimney attached to the dwelling. This chimney is the subject of Chapter 10. We established the construction date for the

Figure 14. Cellar excavations, August 2018. Photo by Erica G. Moses

cabin based on the presence of double-struck cut nails from the house debris and the date of the fire based on the recovery of blue-tinted ironstone from the demolition debris (see above). A large quantity of household goods were recovered from the debris, including ceramics, glass bottles, decorated tobacco pipes, and an intact pocket knife, indicating that the house burned while inhabited. We also recovered four Civil War-era bullets from this block, all from deposits overlying or within the first 0.1' of the burned debris, further indicating that the house was destroyed before 1864. In the interior of the cabin, we identified and excavated two large cellar features (Figure 14). The first (Feature 3) is a large (12' x 7'), shallow (<2' deep) root cellar used until the late 1830s when it was filled in and a smaller (7' x 5') subfloor pit was excavated out of

the cellar fill (see Chapter 7 for further discussion). The house's residents used the subfloor pit until the dwelling burned, indicated by copious amounts of burnt debris from the feature fill.

In total, the 2015-2019 fieldwork recovered 60,285 artifacts, 59,177 of which came from Quarter Site B (Appendix C, Table 2). Half (49.24%) of the quarter artifacts are architectural, including 13,225 brick fragments, 6,643 daub fragments, 2,530 shards of window glass, and 5,211 nails and nail fragments. The architectural artifacts are discussed in Chapter 10. The next largest artifact category is ceramics at 18.01% of the collection. These are discussed at length in Chapters 7-9. Faunal remains make up the next major group of artifacts at 16.72%. These include animal bones (8,345 fragments), marine shells (1,148 fragments), and eggshells (407 fragments). Scott Oliver analyzed animal bones from Quarter Site B (Oliver Forth.) and Katelyn Bajorek (In Press) analyzed the eggshell. During the excavations, we collected at least 2 liters of soil from every deposit for flotation, including 285.75 liters from the root cellar and subfloor pit. We also collected all ethnobotanical materials larger than 1cm during the excavations. Linda Seminario is analyzing ethnobotanical remains from the cellars for her M.A. thesis at the University of Massachusetts, Boston (Seminario Forth.). The food remains are discussed in Chapter 6. The remaining 16% of the collection includes a variety of household, personal, and work-related artifacts, ranging from glass bottles and chimney lamps to buttons, beads, awl blades, and straight pins.

With its large size, extensive artifact collections, and decades-long inhabitation, Quarter Site B is an excellent source of archaeological data on enslaved life on rural farms and plantations in the northern Shenandoah Valley. But it must be noted that it is different than most quartering sites in the region. Most enslaved Shenandoahans were enslaved with fewer than nine other Black Virginians. As a result, most Valley quarters had one, possibly two, dwelling(s) (see

Chapter 1). The Hites, by contrast, were one of the largest enslaving families in the Valley and our data suggest five possible house sites at Quarter Site B, making it one of the largest quarters excavated to date in the region. One could argue that this makes Quarter Site B a poor choice for this study, but three factors negate this. First, because Quarter Site B is larger, it provides data on more households, which provides more insight into enslaved lives in the Valley than I would get from a site with only one dwelling. Second, Quarter Site B is the longest inhabited quartering site excavated to date in the Valley, with enslaved people living there from around 1800 into the 1850s, making it the best site for assessing how enslaved people's lives changed over time. Third, except for the chapter on landscapes at Belle Grove (Chapter 10), the themes I address in *Assembling Enslaved Lives* – agricultural labor, hunger, restrictions on consumption practices, and how enslaved people used ceramic vessels – should not be affected by my focus on one of the larger excavated quarters in the Valley. However, no one study can adequately speak to enslaved life in a region, and additional studies will be needed to provide a more textured look at enslaved life in the Valley.

Chapter 5 (Grain) uses archival documents from Belle Grove, other estates in Frederick County, and local newspapers to study how grain affected the lives of enslaved farmers, and how these women and men affected the Valley's political economies. Archaeological materials from Quarter Site B, specifically faunal and ethnobotanical remains are first used in Chapter 6 (Hunger), where they are juxtaposed against written records to discuss enslaved foodways and the ontological politics of hunger waged over what constituted an adequate diet for Black women, children, and men. Chapter 7 (Cities, Towns, and Country Stores) uses ceramic vessels from Quarter Site B and ledgers from Valley stores to assess how local laws/practices affected enslaved people's ability to travel to cities, towns, and county stores to buy and sell commodities.

This focus on ceramics continues in Chapters 8 (Imported Tea and Tablewares) and 9 (Locally-Made Utilitarian Ceramics), which look at the ways enslaved people used tea, table, and utilitarian wares to make lives for themselves and teases out some of the ways they affected the local economy. Finally, Chapter 10 considers architecture and artifact distributions at Quarter Site B to discuss the role the landscape played in the ontological politics of enslaved life at Belle Grove.

Before continuing, I would like to make a note on community involvement in the archaeological research. Unfortunately, at the outset of this project, Belle Grove had not been able to identify descendants of the women and men enslaved by the Hites, and many Black Shenandoahans were understandably hesitant to work with institutions like Belle Grove given the way enslaved life has been treated in the Valley. As a result, I was not able to consult with community groups when starting my research. However, in the past seven years Belle Grove has done genealogical research to find and reach out to descendants and worked to build connections with Black Shenandoahans. As part of this, I have presented as much of my research as possible to Black history groups in the region, both to ensure that they know about the ongoing archaeological research and so I could their opinions on how I was interpreting my data. Their feedback forced me to rethink some of my approaches and pushed me to do more research on topics they found especially interesting. This is not an ideal way to do a community-engaged project (e.g., Reeves 2022; Westmont and Clay 2022), but it did provide Black Shenandoahans with some amount of control over the archaeological research. Perhaps more importantly, these outreach activities have created an environment where community groups can be involved in any future work at Belle Grove, and I intend to consult with them when planning additional work on enslaved life at the plantation.

Chapter 5: Grain

My [enslaved] father was [a] farmer for years, and raised some of the finest crops of wheat I ever saw. He was considered one of the best farmers in [Frederick] county.
(Adams 1872, 11)

Forced labor took up much of enslaved farmers' time, with the ins and outs of various cash crops shaping what they did throughout the year (e.g., Galle 2011; P. D. Morgan 1998; Pargas 2010). In the Shenandoah Valley, the main cash crops were grains, primarily wheat, but also rye, corn, and oats. If we want to understand the lives of enslaved Shenandoahans, we need to start with the agricultural labor most of them performed. In this chapter, I will look at four ways grain agriculture shaped enslaved life in the Valley. First, I discuss the tasks associated with different grains and how they shaped enslaved farmers' yearly cycle. Second, I consider the important role enslaved women played in these tasks, and how forcing enslaved women to do fieldwork served as a way for enslavers to define them as differently and enslaveably human. Third, I assess enslaved farmers' contributions to agro-capitalism in the Valley and how their labor allowed the region to flourish. Finally, I turn to grain markets to look at how the rise and fall of flour prices map onto enslavers' decisions about when to hire or sell enslaved women, children, and men – choices that profoundly affected enslaved life. These provide an understanding of what enslaved farmers did and how their actions affected the Shenandoah Valley. They also set us up to talk about how hunger affected enslaved people and what time of year they were more likely to go to, and acquire things from, market towns – topics I will explore in Chapters 6 and 7.

In this chapter, I refer to the women and men who did the work of farming as farmers, instead of farmhands or farm laborers. I do this in part because in this chapter's epithet, John Adams refers to his enslaved father as a farmer. If he understood his father to be a farmer, then I

want to use that language as well. I also do this in part because farming was, and is, skilled labor, and refer to the people who did it as laborers or hands downplays this skill and the incredible knowledge enslaved farmers acquired over years of working in the field. It was their skill and knowledge, as much as their labor, that allowed the Valley to prosper in the 19th century

Plow, Plant, Harvest… Plow, Plant, Harvest

21st June – Commenced cutting my harvest wheat…. July 9th Friday, Finished cutting my harvest. (F. B. Jones 1860, 26)

Farming is monotonous. It involves doing the same task over and over again for days or even weeks at a time. And these tasks usually take place at the same time each year, plowing yet another furrow in yet another field, a cycle that will repeat next year, and the year after that. Like all assemblages, these actions do not repeat in the exact same way. Drought, heavy rains, or infestations could profoundly affect what enslaved farmers did, just as the contours of individual fields made working in each of them a unique experience. But when we look at how these tasks repeated from year to year, we see the months in which enslaved farmers did certain tasks remaining fairly consistent, creating a fairly taught set of assemblages. To see this, I turn to letters written by the Hites and other Valley enslavers, and the journal of Francis Jones (1860). Jones enslaved 11-12 people at Carysbrook, a farm located between Newtown and Winchester, and kept a journal detailing the tasks enslaved farmers did throughout the year. Unfortunately, Jones did not keep consistent records, frequently omitting entire months and even whole seasons, and his handwriting leaves *much* to be desired. However, 389 individual tasks performed by enslaved people from 1850-1860 could be transcribed, 334 of which pertained to agricultural labor and 253 dealt directly with grain (Appendix D, Table 1).

The primary wheat variety grown in the Shenandoah Valley was soft red winter wheat (Rood 2014, 25). This variety grows well in warmer weather and is less prone to spoilage when

stored in humid climates. Winter wheat gets planted in the fall and harvested in late spring or early summer, a cycle that works well in the Valley as spring rains are common and summer rains are rare.[42] Jones indicates that enslaved people sowed wheat between mid-September and mid-October. This process involved spreading seed wheat in fields before using a harrow (a shallow plow) to plow it into the ground (I. Hite 1803). Before this can be done, the field must be prepared by plowing (I. Hite 1803). Jones frequently mentions enslaved farmers plowing fields between late August and late September, and this was likely done in preparation for sowing wheat. Once sown, winter wheat requires little attention before harvest, a time of frenzied activity that Jones indicates lasted for a few weeks between late June and mid-July (also see Burnet 1805; A. T. Hite 1827; 1840). In late July and early August, enslaved farmers hauled wheat out of fields, stacked straw, and threshed wheat (separating wheat kernels from the rest of the plant) either by hand or using a mechanical thresher (also see I. Hite 1821; George Wright 1821). Although Jones does not mention it, enslaved waggoners typically brought threshed wheat to mills in the fall and winter (Spring Mill 1830).

Rye has a similar annual cycle to winter wheat, and at times Jones mentions enslaved farmers working in wheat and rye fields on the same day. Rye fields were plowed in September and sown with seed rye throughout the fall. Jones' records indicate that rye sowing was a task that was frequently interrupted, with enslaved farmers stopping to do things like harvest corn for weeks at a time before sowing rye again. The rye harvest took place from late-June to mid-July alongside the wheat harvest. Although Jones does not mention it, enslaved farmers likely spent July and August hauling rye out of fields, stacking rye straw, and threshing the grain. Enslaved

[42] One August Isaac Hite, Jr. (1805) stated that in "May we had a good rain and another… in June… [but] since which we have not had one to wet the ground more than half an inch in ploughed ground."

waggoners primarily brought rye to mills between March and May, and August and October (Spring Mill 1830).

Oats had a different growing cycle than winter wheat or rye, shaping enslaved Shenandoahans' lives in different ways. A few fields at Carysbrook were plowed every year between late February and late March, and enslaved farmers sowed oats in some of these in late March. Like wheat and rye, oats seemingly required little attention between planting and harvest. In 1859 (the one year he mentioned it) Jones states that enslaved farmers harvested oats in late July. Enslaved farmers likely hauled oats out of fields for threshing and storage, and stacked oat straw in early August. Oats were primarily used as animal fodder, so enslaved farmers did not need to bring them to local mills for processing (Spring Mill 1830).

The other fields enslaved farmers plowed in the late winter were planted with corn in April and May. In early to mid-June, enslaved farmers ventured back into cornfields to thin them out and remove suckers (or side shoots) from cornstalks to improve the crop's productivity. Corn tends to be more drought-tolerant than wheat, so it was left to grow throughout the summer. However, particularly bad weather would still mean poor corn harvests, while particularly good weather could produce bumper crops (I. Hite 1799; 1805). Jones notes that enslaved farmers harvested corn between late September and early October. Unlike the other grains, however, Valley farmers could plant two corn crops per year, with fields for the second crop plowed in early to mid-June or in mid-July after the wheat harvest. Jones does not record when the second corn crop was planted, but this likely occurred not long after fields were plowed. Enslaved farmers harvested the second corn crop between early November and early December. After harvest, corn was hauled in and shucked by enslaved people in December and January.

Growing grains requires preparing and maintaining fields. To transform a plot of land into a field, enslaved farmers had to clear out all the plants already growing there. Frequently, this involved burning the area. If there were trees, they had to be cut down and their stumps grubbed (dug out). Enslaved farmers often had to do these same tasks to prepare fields that had not been used in a while. At Carysbrook, clearing fields mostly took place between February and April (right before sowing oats and corn), and again in August (right before sowing wheat and rye). Not every field was used every year. Some enslavers preferred letting fields lay fallow for four years before replanting (I. Hite 1803). Jones notes that enslaved farmers prepared fields to lay fallow in late July and late September, presumably after the wheat and first corn harvests were complete (respectively), although he does not note what this entailed. Many fields had timothy grass seed sewn into them while laying fallow, preventing soil erosion before wild grasses accumulated. This mostly took place between September and December after crops were harvested and fields prepared to lay fallow. By late spring, timothy could be turned into animal fodder by cutting it for hay. Jones only mentions cutting timothy once, in mid-June 1852, but this likely occurred throughout the summer whenever the grass grew tall enough and enslaved farmers had time to mow the fields.

Enslaved farmers also sowed clover seeds in fallow fields. Clover is a nitrogen-fixing plant and plowing grown clover into the soil was a common way of fertilizing fields. Enslaved farmers usually sowed clover seed between mid-February and early April, and occasionally cut hay from clover plants in late Spring. Other fertilizers, including plaster of Paris and manure, were also plowed into fields as fertilizers. Jones notes that this mostly took place in February, March, and April. White farmers mostly bought plaster from Edward Sperry's Middletown store

between November and February (Sperry 1839), further suggesting that "sowing plaster" was a winter/spring task.

Enslaved farmers at Belle Grove would have been especially familiar with these fertilizing techniques. While the Shenandoah Valley overall is well-suited for agriculture (e.g., Raitz 2010, 43–44), many upland portions of Belle Grove possess relatively unfertile Carbo-oaklet and Frederick-Poplimento soils, while bottomlands associated with Belle Grove's floodplains possess fertile Massannetta loam (Geier and Whitehorne 1994, 14). This difference did not escape the notice of enslaved farmers, or the Hites, as in 1821 the "river bottom part of Belle-Grove estate [which might be referring to Long Meadow or Rockville], was estimated to yield 6 barrels of corn per acre – the upland not more than four" (Skinner 1821). To increase soil fertility, the Hites had enslaved women and men use new methods of fertilization including manure, clover, gypsum, plaster of Paris, and burned limestone (Skinner 1821). Ultimately, the Hites concluded that planting upland fields once every five years and using them during the other four years as pasturage for Belle Grove's horses, cattle, and sheep worked the best (I. Hite 1803).

Grain agriculture took up much of enslaved farmers' time between February/March, when clearing and plowing corn/oat fields began, through October/November when the corn harvest was finished and fields were sown with rye and timothy (Table 2). While there was time for these women and men to do other agricultural tasks (gardening, mending fences, shearing sheep, etc.) between March and June, Jones rarely recorded other work being done between mid-June and November, suggesting that tasks like harvesting, plowing, and threshing took up most of their time. Unfortunately for enslaved farmers, the late fall and early winter months were still busy, as Jones and other enslavers had enslaved people butchering hogs, cutting wood, and

Table 2. Annual tasks associated with grain agriculture in the Shenandoah Valley. Data from Jones (1860).

Month		Wheat	Rye	Oats	Corn	Clearing	Fallowing	Timothy	Clover	Manure	Plaster
January	***Early***				*Shucking*						
	Mid										
	Late					*Clearing*					
February	***Early***									*Sowing*	
	Mid								Sowing	Sowing	
	Late			Plowing	Plowing	Clearing			Sowing	Sowing	
March	***Early***			Plowing	Plowing	Clearing			Sowing	Sowing	Sowing
	Mid			Plowing	Plowing	Clearing		Sowing	Sowing	Sowing	Sowing
	Late			Sowing	Plowing	Clearing			Sowing	Sowing	Sowing
April	***Early***				Planting				Sowing	Sowing	Sowing
	Mid				Planting	Clearing					Sowing
	Late				Planting	Clearing					
May	***Early***				Planting						
	Mid				Planting				Cutting Hay		
	Late				Planting						
June	***Early***				Plowing						
	Mid				Plowing			Cutting Hay			
	Late	Harvesting	Harvesting								
July	***Early***	Harvesting	Harvesting								
	Mid	Harvesting	Harvesting		Plowing		Preparing				
	Late	Processing	Processing	Harvesting			Preparing				
August	***Early***	Processing	Processing	Processing		Clearing					
	Mid	Processing	Processing	Processing		Clearing					
	Late	Plowing	Plowing			Clearing					
September	***Early***	Plowing	Plowing					Sowing			
	Mid	Sowing					Preparing	Sowing			
	Late	Sowing	Sowing		Harvesting			Sowing			
October	***Early***	Sowing	Sowing		Harvesting			Sowing			
	Mid	Sowing	Sowing					Sowing			
	Late		Sowing					Sowing		Sowing	
November	***Early***		Sowing					Sowing			
	Mid							Sowing			
	Late							Sowing			
December	***Early***				Shucking			Sowing			
	Mid				Shucking			Sowing			
	Late				Shucking			Sowing		Sowing	

mending fences throughout the winter (Keller 2000). In other words, agricultural tasks kept enslaved Shenandoahans busy throughout the year. But, unlike white farmers who were

primarily men, the enslaved farmers in the Valley were both men and women, a division of labor used to define enslaved people as differently human.

"In the Busy Seasons, Worked Occasionally on a Farm"

Her back and muscle were pressed into field labor where she was forced to work with men and work like men.
(Omolade 1983, 354)

Shenandoah Valley newspapers frequently printed descriptions of enslaved farmers. Thomas Burwell (1828) described Stephen, a farmer he enslaved, as "an excellent farm hand – not surpassed as a stacker and seedsman," while Samuel Cameron (1831) called Simon, another farmer, "a first-rate farm hand." Other, unnamed men were described as "an able and skillful hand at every kind of farming business," "a good farmer, understands ploughing, cradling, mowing and wagoning," or, less flatteringly, "can throw a harvest cradle and cut grass, and can do any other kind of farming work as well as the common run of negroes" (Garnhart 1816; B. Taylor 1810; Winchester Gazette 1813). But while we tend to think about enslaved farmers as being distinct from enslaved artisans and domestic laborers, this was not the case in the Valley. Enslaved tradesmen like blacksmiths, carpenters, cobblers, and distillers worked as farmers for at least part of the year (T. Briscoe 1820; Burwell 1828; J. Downey 1810; Ranson 1814; Savage 1822). Sometimes they worked in their enslavers' fields and other times these men were hired out to other farmsteads (Simmons and Sorrells 2000). This is especially true for cobblers, who could work in the field between February and November and spend the winter making shoes (e.g., Farmers' Repository 1816a). Enslaved domestic laborers also worked in the fields, especially during the wheat and rye harvests (Banks 1861, 12; Daugherty 1841; Farmers' Repository 1810; 1813a; 1813b; 1818; Haines 1812; McCoy 1841). Ann Hite (1826), for instance, told her daughter that while she could send her "a man servant" to help with gardening

and other domestic tasks, "it [was] rather inconvenient to spare one before harvest," presumably because any man who could work in the fields would do so at that time. Therefore, the annual rhythm associated with growing grains shaped life for most enslaved men. But it also shaped life for many enslaved women.

Advertisements for the sale and hiring out of enslaved women in Valley newspapers indicate that most women did domestic/household labor. Of the 108 advertisements for enslaved women in the *Farmers' Repository*, *Virginia Free Press & Farmers' Repository*, and the *Virginia Free Press* that list the skillsets of enslaved women, 107 mention domestic/household skills, with cooking and washing being the most commonly (Appendix D, Table 7). But these also demonstrate that enslaved women were farmers, and at times even described as "excellent" or "first rate" farmhands (W. Brown 1816; Cromwell 1841; E. Downey 1813; Farmers' Repository 1815; 1816b; J. Forman 1831; McCabe 1832; Saunders 1810). Other women bore scars on their "arms near the hand" from being "cut by a scythe" (Tallman 1793), marking them as farmers. Bethany Veney (1889, 19) described working in cornfields while enslaved in Page County, and Daniel Lockhart (B. Dew 1856, 45) mentions being in charge of enslaved women while serving as a driver/overseer in Frederick County. Enslaved women (Sally and Truelove) made up 40% of the enslaved workforce assigned to Benjamin Little, Belle Grove's overseer in 1786 (I. Hite 1785).

Some of these women certainly worked in the fields full-time. But, if the sale and hiring advertisements are any indication, many enslaved women in the Shenandoah Valley worked as farmers *and* domestic laborers, as all but one advertisement (E. Downey 1813) that lists the agricultural skills of enslaved women also state that they have experience doing housework. Some seem to have only worked in the fields "in the busy seasons" when grains were being

Figure 15. "Shenandoah Valley," by Russel Smith (1846). Image courtesy of the Johnson Collection.

planted and harvested (Farmers' Repository 1816b) – a time when everyone who could work in the fields seems to have been sent there. Catherine Sims (1972, 78) recalls working "in de house" as a cook and "on de farm" doing "eberthin' cept plow" while enslaved in Rockingham County. An unnamed Free Black woman employed at Belle Grove in 1864 (C. Johnson 1915b, 393) recalls:

> I'd be cookin' at the big house, and the next week I'd be a field han'. The slave woman and I took turn about, you know. I used to drop the corn when the men were planting, and I'd help cuttin' up [corn], and when they had the horse-power th'ashing I'd take the sacks off and I'd put back the chaff. I would always help in harvestin' and such as that, and when they were extry busy at the big house I'd put in mo' time there makin' butter, perhaps, and washin' and doin' other work that needed doin'.

Local artwork also records enslaved women's agricultural labor. Russell Smith's 1846 painting "Shenandoah Valley" is a picturesque representation of a local farm, complete with four

enslaved people harvesting wheat (Figure 15). Three are depicted as men. But the fourth person is depicted as a woman wearing a skirt and an apron, thereby providing us with an image of women doing farm labor in the Valley.

Working in the fields was a common experience for enslaved women throughout the Americas (J. L. Morgan 2004; P. D. Morgan 1998; Pargas 2010). Some in the Valley worked in the field year in and year out, while others only did so "in the busy seasons." But agricultural labor was something most enslaved women did in the Valley. Some white women also worked in the fields, but the regularity of Black women's agricultural work, along with the ways their labor was commodified and exploited made their experiences fundamentally different than those of (most) white women (J. L. Morgan 2004, 145; Shammas 1985, 10–11).[43] Instead, the embodied experiences of enslaved women working in the fields would have been closer to that of enslaved men. This fully comes into focus when the work done by enslaved women is compared to elite women – those most likely to be enslavers and those for whom local notions of white womanhood were explicitly made. These elite white women might manage agricultural labor, as Ann Hite seems to have done at Belle Grove after Isaac Hite Jr.'s death in 1836 (e.g., A. T. Hite 1840), but they did not work plows or swing scythes.

These differing labor expectations played into the ontological politics that rendered Black people, especially Black women, as differently and enslaveably human. In other words, elite white women were rendered fully human (or at least more fully human than Black women) because they only performed domestic and household chores; a way of being human that was only made possible by Black women's agricultural labor (which freed elite women from farm

[43] Here I am separating agricultural labor (working in the fields) from gardening. White women frequently gardened, with their work helping to feed their families. But historical sources show that this was considered an extension of domestic work, unlike agricultural labor which was considered to be distinct from domestic work.

work) and which emerged in and through the simultaneous definition of Black women as differently and enslaveably human because they could, and should, "work with men and work like men" to plant, harvest, and process grains (Hartman 2016, 168; J. L. Morgan 1997, 185; 2004, 145; Omolade 1983, 354). Enslaving assemblages decomposed enslaved women so their "back[s] and muscles" could be "pressed into field labor," a process of "un-gendering" wherein enslavers ceased to recognize what they had previously seen as discrete ontological categories of "male" and "female" among the enslaved, at least while they labored together in the fields (Hartman 2016, 168; Omolade 1983, 354; Spillers 1987, 66). As a result, these decomposed women could be reassembled with labor practices that allowed enslavers to accumulate ever greater profits from the agricultural work they did. This highlights the fact that when we talk about the ontological politics that rendered enslaved women as differently human we are not talking about women who happened to be enslaved (at least from their enslavers' perspective), but people defined as inhabiting an ontological category that enslavers understood as entirely distinct from that inhabited by white women (Hartman 1997; Spillers 1987). And yet, this does not mean that enslaved women who did fieldwork did not consider themselves to be women (also see LeFlouria 2015, 85). For instance, in her famous 1851 "Ain't I a Woman" speech, Sojourner Truth (1995, 36) declared "Look at my arm! I have ploughed, and planted, and gathered into barns, and no man could head me! And a'n't I a woman?" Enslaved women in the Valley may have made making similar proclamations.

These ontological politics profoundly affected agro-capitalism in the Shenandoah Valley. Most white Shenandoahans were not farmers. White women did not do fieldwork year-round, and many did not work in the field at all, depending on their economic status. Many white men were artisans and professionals. In 1853-1859, only 59.43% of the 249 white men whose

Table 3. Estimated number of white and enslaved farmers in Frederick, Shenandoah, and Warren Counties, 1850. Percent farmer determined by the percentage of farmers and laborers listed in county death records, 1853-1859 (see Appendix B, Tables Table 4. 1-3). White men, enslaved men, and enslaved women are the total number of each group listed as aged 15 or older in the 1850 Federal Census. Census data from IPUMS National Historical Geographical Information System (Manson et al. 2020). Estimated white farmers calculated by multiplying the number of white men per county by percent farmer. Estimated enslaved farmers calculated by multiplying the number of enslaved adults by 80%.

County	Percent Farmer	White Men	Enslaved Men	Enslaved Women	Estimated White Farmers	Estimated Enslaved Farmers	Estimated Percentage Farmers Enslaved
Frederick	69.83%	3725	637	644	2601	1025	28.26%
Shenandoah	54.88%	3582	316	241	1966	446	18.48%
Warren	42.85%	1379	462	456	591	734	55.41%

occupation is listed in the Frederick, Shenandoah, and Warren County death registries are listed as farmers (Buck 1996; 1997a; 1997b) (Appendix B, Table 1). If we can take the death registry numbers as an accurate portrayal of the percentage of white agricultural workers in the three counties, we can use population data in the Federal Census to estimate that 5,162 white men worked as farmers in 1850 (US Bureau of the Census 1850a; 1850b; 1850g) (Table 3).[44] By contrast, most enslaved adults worked in the fields, at least in the busy seasons. We will never know exactly how many enslaved adults worked in the Shenandoah Valley's wheat fields, but it seems safe to assume that at least 80% of enslaved adults did so. Since 2,756 enslaved adults are listed in the 1850 Slave Schedule for Frederick, Shenandoah, and Warren Counties (US Bureau of the Census 1850c; 1850d; 1850f), we can estimate that at least 2,205 of them did agricultural labor. If our rough estimates are at all reliable, this would suggest that enslaved people made up

[44] Men listed as farmers lived longer, on average, than other white men (57.02 years versus 44.26 years). This suggests that the percentage of farmers in the registers might underrepresent the number of farmers in the general population. However, not all men listed as farmers actually did field work, as several men known to have enslaved multiple enslaved people are listed as farmers, as are 15 men over 80, including a 108-year-old man. It is questionable that they did fieldwork in 1850. Therefore, I would argue that these two considerations cancel each other out, allowing us to use the death registry numbers. A detailed comparison of the "number of people engaged in agriculture" column of the Federal Censuses could clarify this and provide data for earlier decades. This column also seems to provide the total number of white, Free Black, and enslaved male farmers per household, so it would let us start gathering data on enslaved farmers. However, this column does not specify how many of the farmers are white, Free Black, or enslaved. Determining how many of the farmers are white or enslaved would require extensive research and is beyond the scope of this dissertation, especially since this would not provide any meaningful data on enslaved women or men who were not regularly employed in agriculture by whom worked in the field when needed.

about 30% of the agricultural workforce in Frederick, Shenandoah, and Warren Counties in 1850. On a per county basis, 28.26% of the agricultural laborers in Frederick County, 18.48% of those in Shenandoah County, and 55.41% of those in Warren County may have been enslaved, while enslaved people only made up 8%, 4%, and 14% of these counties populations (respectively). It is also worth pointing out that larger percentages of Frederick, Shenandoah, and Warren Counties were enslaved between 1810 and 1840 than in 1850, so a larger percentage of the agricultural workforce would have been enslaved before 1850.

I want to stress that these are *very rough* estimates, but they are worth considering because they suggest that enslaved people had a larger impact on the Shenandoah Valley's grain production than previously recognized because enslaved people were more likely to work in the fields than white people. And a sizeable portion of this contribution would have come from enslaved women, who "in the busy season, worked" in the Valley's grain fields. Another way to assess this impact is looking at local mill ledgers.

Profitable Labor

I earned money, but nebber got it.
(Sims 1972, 79)

Enslavers sold most of the grain enslaved farmers harvested. There were three main ways they did this. If they owned a mill and had contacts with merchants in Alexandria (Virginia), Baltimore (Maryland), or Georgetown (Washington D.C.) enslavers could have their grain milled and shipped east without going through middlemen in the Shenandoah Valley. This was largely reserved for the wealthiest enslavers, as they were more likely to own mills, have contacts in eastern cities, and sell enough grain to make marketing it themselves profitable. The Hites, for instance, shipped 280 barrels of flour to Korn and Wisemiller in Alexandria between January and June 1797, and at least 250 barrels in 1799 (Korn and Wisemiller 1796; 1799). By the 1830s,

Isaac Hite was shipping flour to Samuel Merritt in Baltimore (Merritt 1834). Enslavers who did not have mills could pay millers to grind their grains and then sell the barrels of flour/cornmeal to merchants in Alexandria, Baltimore, or Georgetown themselves. However, milling was expensive, and mill records show that most chose not to take on this added expense (Spring Mill 1830).[45] Instead, they sold wheat, corn, or rye to millers or Valley grain merchants, who sold some to other Shenandoahans and marketed the rest to merchants in Alexandria, Georgetown, and Baltimore (Hopewell Mill 1811; 1818; Sperry 1839; Spring Mill 1830; 1847).[46]

Traces of these transactions can be found in surviving receipts and merchants' ledgers, letting us quantify how much grain enslavers sold and, by extension, demonstrate how enslaved farmers affected the local agro-capitalism. To see this, we need only compare the amount of grain/flour enslavers sold versus the amount non-enslavers sold. Unfortunately, tracking down receipts and merchants' ledgers from Alexandria, Baltimore, and Georgetown was not feasible. These records are in archives throughout Virginia, Maryland, and Washington D.C., and even if I had easy access to them, cross-referencing every account with tax and census records in the Valley would take an inordinate amount of time while only providing data on the wealthiest enslavers. Ledgers from Valley mills and merchants, alternatively, provide a less time-intensive way of getting data on the grains sold by Valley farmers, so I focused my efforts on these records. While these, admittedly, do not include sales from the wealthiest enslavers, they provide data on more people because selling to local mills/merchants was more common. Ledgers from Hopewell Mill outside Leetown (Jefferson County), Spring Mill in Winchester (Frederick County), and the Sperry Store in Middletown (Frederick County) are available in local archives.

[45] While selling unprocessed wheat was also a possibility, records show that Alexandria merchants primarily dealt in flour, so Valley farmers seem to have mostly shipped milled grains eastward (e.g., Galpin 1927).
[46] Presumably, merchants sold whole grains to millers so it could be ground down to flour/cornmeal, but no records of this have been found.

However, I rely primarily on the Hopewell Mill ledgers because the relevant tax records for Jefferson County were easily accessible while the Frederick County records can only be accessed through in-person microfilm collections and I could not safely access these during the Coronavirus pandemic. Tax records are critical for this research. Census records only tell us who owned enslaved people, while tax records tell us who was using enslaved labor, because white Shenandoahans who hired (or in today's terms, rented) people from their enslavers typically paid the taxes on these women and men (J. Davenport 1832). Since hiring was common in the Valley (Simmons and Sorrells 2000), only having data on who owned enslaved people could severely underrepresent which Shenandoahans relied on enslaved farmers.

Five ledgers from the Hopewell Mill exist, covering the years 1807-1811, 1816-1818, 1818-1819, 1819-1821, and 1821-1823. From these, I transcribed all entries for individuals selling corn, rye, wheat, oats, and flour between 1807 and 1811 (n=112), and all entries for the sale of corn, rye, wheat, and oats in 1817 (n=286) (Hopewell Mill 1811; 1818) (Appendix D, Tables 2 and 3). The 1817 ledger records list barrels of flour bought from farmers and barrels of flour waggoners were paid to transport to Alexandria and Baltimore in the same way, so I could not use flour entries in this analysis. After transcribing the entries, account holders were cross-referenced with individuals listed in the 1807, 1809-1811, and 1817 Jefferson County tax records (Duncan 2003a; 2003b). Tax records for 1808 do not exist as Virginia did not collect taxes that year (Duncan 2003a, 98).

Of the 61 accounts in the 1807-1811 ledger, 25 (40.98%) could be matched to the tax records, and 30.76% of these belonged to people who paid taxes on enslaved adult men during this time.[47] Despite this, enslaver's accounts are responsible for over half of the wheat sales and

[47] The available records do not include enslaved women or children.

Table 5. Percentage of wheat, flour, rye, and corn sold to Hopewell Mill by enslavers, 1807-1811 and 1817. Data from Hopewell Mill Ledgers (1811; 1818) (see Appendix D, Tables 2 and 3).

	Cross-Referenced Account Holders	Percent Enslavers	Percent Wheat	Percent Flour	Percent Rye	Percent Corn
Hopewell Mill (1807-1811)	25	30.76%	59.12%	76.88%	88.33%	80.68%
Hopewell Mill (1817)	28	64.28%	89.57%	n/a	85.11%	96.18%

over three-quarters of the corn, rye, and flour sales (Table 5). Enslavers who sold wheat sold, on average, 169 bushels while the average non-enslaver sold only 31 bushels, and enslavers who sold flour sold an average of 31 barrels while the average non-enslaver sold only 9 barrels. Fifty-nine people sold grain to Hopewell Mill in 1817, of whom 28 (46.45%) could be cross-referenced with the tax records. Sixty-four percent of the cross-referenced accounts belonged to people who enslaved women, men, and/or children over the age of 12. The increased percentage of enslavers from the 1807-1811 ledger may be due to the inclusion of enslaved women and older children in the 1817 tax records. Enslavers accounted for 85% to 96% of the corn, rye, and wheat bought by Hopewell Mill in 1817. The average enslaver who sold wheat in 1817 sold 697 bushels while the average non-enslaver only sold 152 bushels.

Combined, this shows that enslavers sold far more grain/flour to Hopewell Mill than non-enslavers in the late 1800s to late 1810s. In fact, the numbers from Hopewell Mill are startlingly high, as enslavers sold the vast majority of the wheat, corn, rye, and flour. Since enslavers most likely relied on enslaved labor to plant and harvest grain, this suggests that Hopewell Mill predominantly bought grains/flour that enslaved farmers produced, or at the very least that they helped produce. These numbers are just for a single mill and only cover a few years. We need to look at more mill ledgers, and to be able to compare them with tax records once those can be safely accessed again. However, preliminary work on the Spring Mill ledgers shows that in

1825-1830 and 1843 accountholders listed as enslavers in the 1830 and 1840 censuses sold around 75% of the wheat, 82% of the flour, and 80% of the corn the mill bought (US Bureau of the Census 1830a; 1840c; Spring Mill 1830; 1847) (Appendix D, Tables 4 and 5). While we need tax records to fully understand these trends, the initial work suggests that Hopewell Mill was not an anomaly. This points to a profound way that Shenandoah Valley history needs to be reimagined. Currently, historians talk about the 19th-century Valley as a world made by wheat (Hofstra and Koons 2000), but this seems to be only half the story, as the Valley was a world made by wheat that enslaved women and men planted and harvested. Unfortunately for enslaved people, however, being able to affect the Shenandoah Valley's political economies also meant being able to be affected by them.

Fluctuating Markets

A Negro Man Wanted. A liberal price in cash will be given for a stout, healthy negro man, well aquatinted with farming and wagoning.
(Farmers' Repository 1811)

Enslaved Shenandoahans' agricultural labor was not the only way enslavers profited from Black flesh (sensu Spillers 1987). The sale and hiring out of enslaved people brought large influxes of cash/credit into Valley farms and plantations. Enslavers' decisions about when and who to sell/hire were influenced by fluctuations in the flour market. We can see this by comparing the annual number of advertisements for the sale and hiring of enslaved people in the Valley and trends in flour prices and exports. For this, we turn to the *Farmers' Repository* (1809-1820), *Virginia Free Press & Farmers' Repository* (1830-1832), and the *Virginia Free Press* (1832-1841), a series of newspapers published by the same printer in Charlestown, Jefferson County. Charlestown is north of Winchester, placing it outside of our study area. But this is the most complete set of newspapers for the northern Valley I could find, with almost every issue

published in 1809-1820 and 1830-1841 being archived (Appendix D, Table 6). Importantly, these papers have (almost) complete runs for the years leading up to and the immediate aftermath of the Panics of 1819 and 1837, providing data on how enslavers reacted to market crashes. I transcribed every sale advertisement (n=303) and hiring advertisement (n=221) in these papers (Appendix D, Table 7).

The 1810s were a volatile decade for the flour market. The Napoleonic Wars (1803-1815) ravished Europe between 1803 and 1815. To starve each other, Brittan and France cut Europe off from American flour in 1807-1808 (Galpin 1927). However, this changed with the Peninsula War (1807-1814), where the French fought a coalition of British, Spanish, and Portuguese forces for control of the Iberian Peninsula. The conflict prevented Spanish and Portuguese farmers from growing enough food to feed the local population. By 1809 Portugal and Spain were the biggest markets for United States (US) flour, with 415,017 barrels of flour from Alexandria reaching the Peninsula in 1809-1813, accounting for 42.56% of all flour shipped out of, and 78.26% of all foreign exports from, the city (Galpin 1927, 424; Comp 1978, 273) (Appendix D, Tables 8 and 9). The War of 1812 (1812-1814), fought between Brittan and the US, did not severely impact Alexandria's exports until British forces captured the city in 1814, preventing flour from being shipped out and causing prices to plummet (Galpin 1927, 421, 427) (Figure 16). The Napoleonic Wars ended the following year and Brittan passed the Corn Laws, placing hefty tariffs on grain imported from the US (Sharrer 1982, 143). While losing access to European markets hurt Alexandria's flour trade, they turned their sights increasingly north to Boston and New York City and south to the Caribbean (Comp 1978, 273; Galpin 1927, 408; Rood 2014, 25; Sharrer 1982, 139), and in 1817 the flour market was back where it had been in the early 1810s. This prosperity, however, was short-lived, as the Panic of 1819 crashed the wheat market (Haulman

2008), and Alexandria merchants and Valley farmers produced and exported more flour to remain profitable. Some enslavers found other uses for their grains, with the Hites ordering enslaved people to distill wheat and rye and/or use them as "fed to fattening cattle" (Skinner 1821).

Fluctuations in flour prices and exports throughout the 1810s map onto trends in the advertisements for the sale of enslaved Shenandoahans (Figure 16). While wheat prices and exports were fairly high by the end of the 1800s, more enslavers placed sale advertisements in 1810 than in any other year between 1809-1820. At least 45% of the advertised sales were debt-related (taking place to satisfy deeds of trusts or to pay debts owned by recently deceased enslavers). These may be a lingering effect of the c.1808 European trade embargoes that depressed the flour market. In 1811-1813 sale advertisements were relatively rare, possibly because enslavers were focusing on producing flour to meet European demands. At this time listing enslaved farmers' skillsets became more common, with 41.7% of advertisements mentioning farming skills by 1813, hinting at a growing demand for enslaved farmers. Sale advertisements increased in 1814-1817. Only 19.4% of these advertisements mention being debt-related, but these years saw decreased flour prices and lower exports so debt and other financial concerns may have been important factors in these sales. In 1818-1820 sale advertisements become far less frequent once again and mentions of domestic skills become more frequent. Again, 1819-1820 were times of economic turmoil when enslavers needed to sell more flour to make up for decreased prices, so enslavers may have tried to navigate the Panic of 1819's financial fallout by selling fewer enslaved people so more could work in the fields and selling domestic laborers when they chose to sell people.

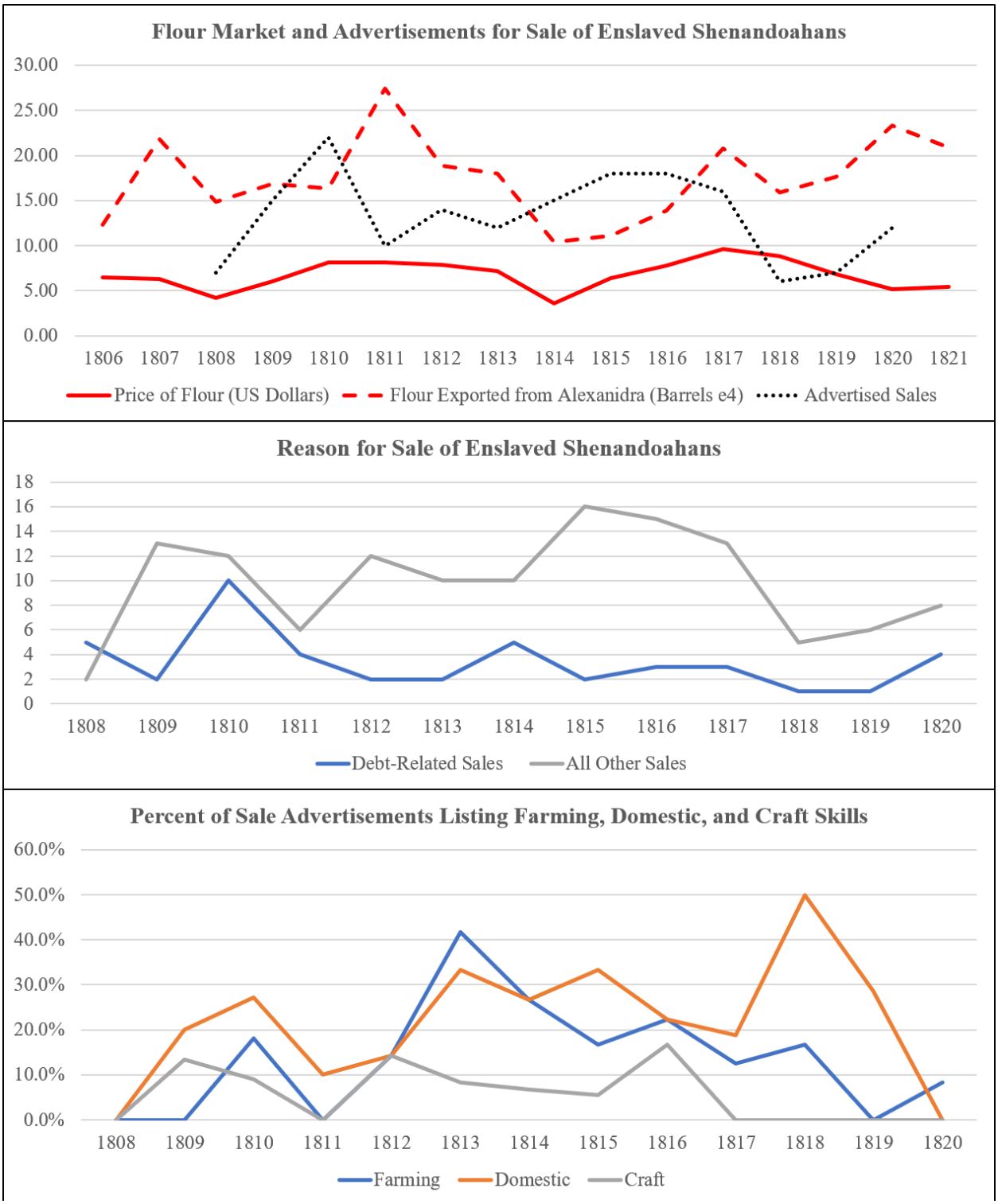

Figure 16. Advertisements for the sale of enslaved Shenandoahans, 1809-1820. All US dollars are converted to the value of the dollar in 1810. All sale data are from the Farmers' Repository *(1809-1820) (see Appendix D, Table 7). Export data from Comp (1978, 273) (see Appendix D, Table 8). Price data obtained by averaging one reported price from every month of the year (see Appendix D, Table 10).*

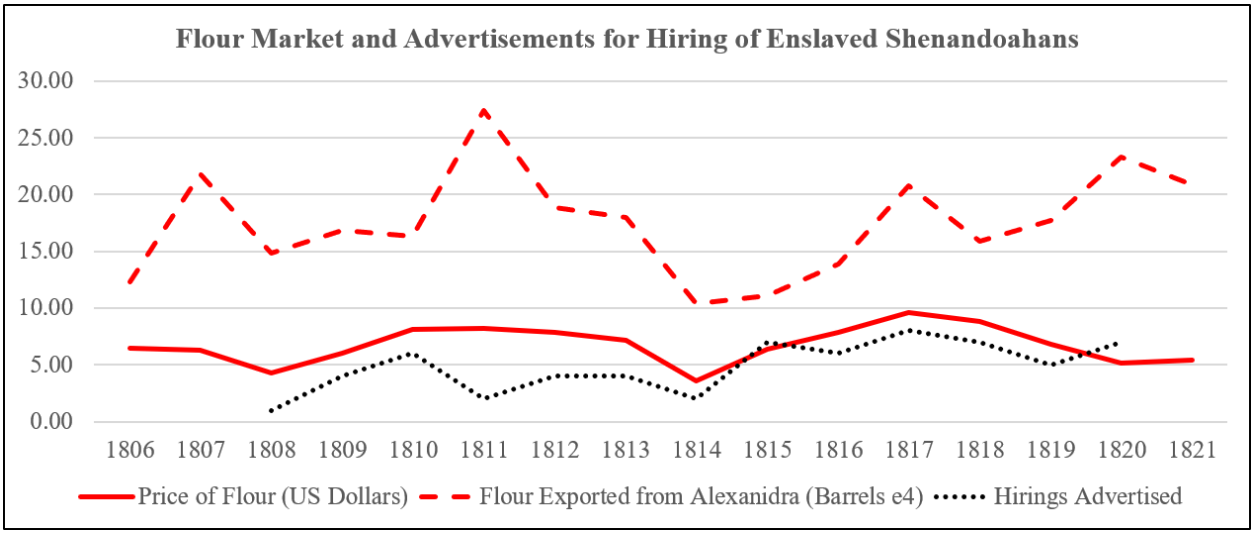

Figure 17. Advertisements for the hiring of enslaved Shenandoahans, 1809-1820. All US dollars are converted to the value of the dollar in 1810. All hiring data are from the Farmers' Repository *(1809-1820) (see Appendix D, Table 7). Export data from Comp (1978, 273) (see Appendix D, Table 8). Price data obtained by averaging one reported price from every month of the year (see Appendix D, Table 10).*

Trends in hiring advertisements suggest that the flour market affected enslavers' decisions about when to hire enslaved Shenandoahans (Figure 17). Between 1808 and 1814 hiring advertisements were relatively uncommon, averaging only 3.3 per year. Of the 16 enslavers who placed hiring advertisements, only Richard Baylor hired out people in multiple years (Table 6). Baylor and his heirs (who hired out people enslaved by his estate after he died in 1811) advertised hirings every year in 1809-1814. Hiring advertisements increased to an average of 6.6 per year in 1815-1820. While most (72.23%) enslavers still only published advertisements once, more were placing advertisements in multiple years. Richard Baylor's heirs still hired out enslaved people on an annual basis. Bacon Burwell and William Flood hired out enslaved people every year from 1815-1820, a practice they started in 1814. John and Mary hired out enslaved people every year between 1816-1820. And Matthew Whitting, who advertised in 1810 did so again in 1817 and 1818. We also see a shift toward hiring out people enslaved by the estates of deceased enslavers, making up 31.57% of the hirers in 1815-1820 but only 12.5% of the hirers in 1809-1814.

Table 6. Enslavers advertising the hire of enslaved Shenandoahans, 1809-1814 and 1815-1820. All hires are advertised in the Farmers' Repository *(1809-1820).*

1809-1814		1815-1820	
Enslaver	**Years Advertised**	**Enslaver**	**Years Advertised**
Anderson, John	1	***Baylor, Richard (deceased)***	5
Baylor, Richard	7	Baylor, William (deceased)	1
Christin, Harriet (deceased)	1	Beeler, Benjamin K.	1
Downey, John	1	Briscoe, John (deceased)	1
Duffield, R,	1	**Briscoe, Thomas**	2
Fairfax, F.	1	Brown, William	1
Flood, William & Bacon Burwell	1	**Burwell, Bacon**	5
Fulton, James	1	Cook, Giles (deceased)	1
Henry, John B.	1	Davenport, John (deceased)	1
Lee, Robert C.	1	**Flood, William**	5
Reiley, Alexander	1	***Flood, William & Bacon Burwell***	2
Saunders, Benjamin R.	1	Hammond, Thomas	1
Saunders, M.D.	1	**Manning, Jacob H. and Mary**	5
Washington, George S. (deceased)	1	Osborn, William (deceased)	1
Washington, Lucy	1	Slaughter, Smith	1
Whitting, Matthew	1	Stephen, Adam	1
		Taylor, Bushrod (deceased)	1
Names in **bold** *advertised multiple years*		Turner, Henry St. George.	1
Names in ***italics*** *appear in both lists*		***Whitting, Matthew***	2

We do not know how widespread unadvertised hiring was in the 1810s.[48] But if the total number of hirings increased at the same rate as the advertisements, then the advertisements would indicate that hiring became more common throughout the decade. Alternatively, if the total number of hirings remained consistent throughout the 1810s, the advertisements show an increased sophistication of the assemblages through which hirings operated, as printing presses, newspapers, and the post offices that delivered papers to readers let news of upcoming hirings spread beyond word of mouth and helped bring hirers and hirees together (Rawson 2000). Either way, the advertisements document the development of a robust system of hiring in the northern

[48] Comparing the 1810 and 1820 Censuses and relevant tax documents can provide information on this. Censuses list who owned enslaved people while the tax records show who paid taxes on them because hires usually paid taxes on the people they hired. Anyone who paid taxes on enslaved people but who is not listed as an enslaver in the census should be hiring enslaved people. However, this research is beyond the scope of this dissertation.

Shenandoah Valley. This emerged at a time when Alexandria lost its European grain/flour markets and Valley farmers needed to produce more grain to remain profitable, so these changes in hiring practices may be driven by some enslavers deciding it was more profitable to capitalize on others' need for labor than to produce more wheat themselves.

Flour prices rebounded during the 1820s and were largely within the 1810s price range by 1830. By this time merchants in Georgetown dominated the Potomac River trade, although some Valley flour was still marketed in Alexandria (Comp 1978). By 1833, most flour sold to Alexandria and Georgetown was exported to US cities (56.43% of exports) or foreign markets (43.57% of exports) (Comp 1978, 274). Baltimore, however, outcompeted Georgetown and Alexandria combined in the 1830s, becoming the leading US flour exporter in the early 1820s and was second only to New York City by 1830 (American Farmer 1858, 263; Comp 1978, 273–74, 279–80; Merchants' Magazine 1861, 132) (Appendix D, Table 11). In the 1830s Baltimore merchants controlled lucrative flour markets around Rio de Janeiro, Brazil (Rutter 1897; Sharrer 1982). By 1840-1844, Baltimore merchants were shipping around 127,309 barrels of flour per year to South America (50.52% of foreign exports), and around 99,121 barrels per year to the British Caribbean (39.34% of foreign exports) (Rutter 1897, 18) (Appendix D, Table 12). In 1828-1835, flour prices stayed relatively constant in Alexandria and Baltimore ($6.12-7.91 and $6.53-8.86, respectively) (Figure 18).[49] However, in 1836 a severe hessian fly (*Mayetiola destructor*) infestation hit wheat fields throughout the United States (McGrane 1924, 92), reducing the amount of wheat Valley farmers could sell while prices rose to over $11 per barrel. The Panic of 1837 began the following May, deflating US currency well into the 1840s (Lepler 2013). While the Panic devastated cotton markets (Rothman 2012), flour markets went

[49] All flour prices are converted to the value of the US Dollar in 1810, allowing them to be directly compared. Prices for Georgetown were not collected.

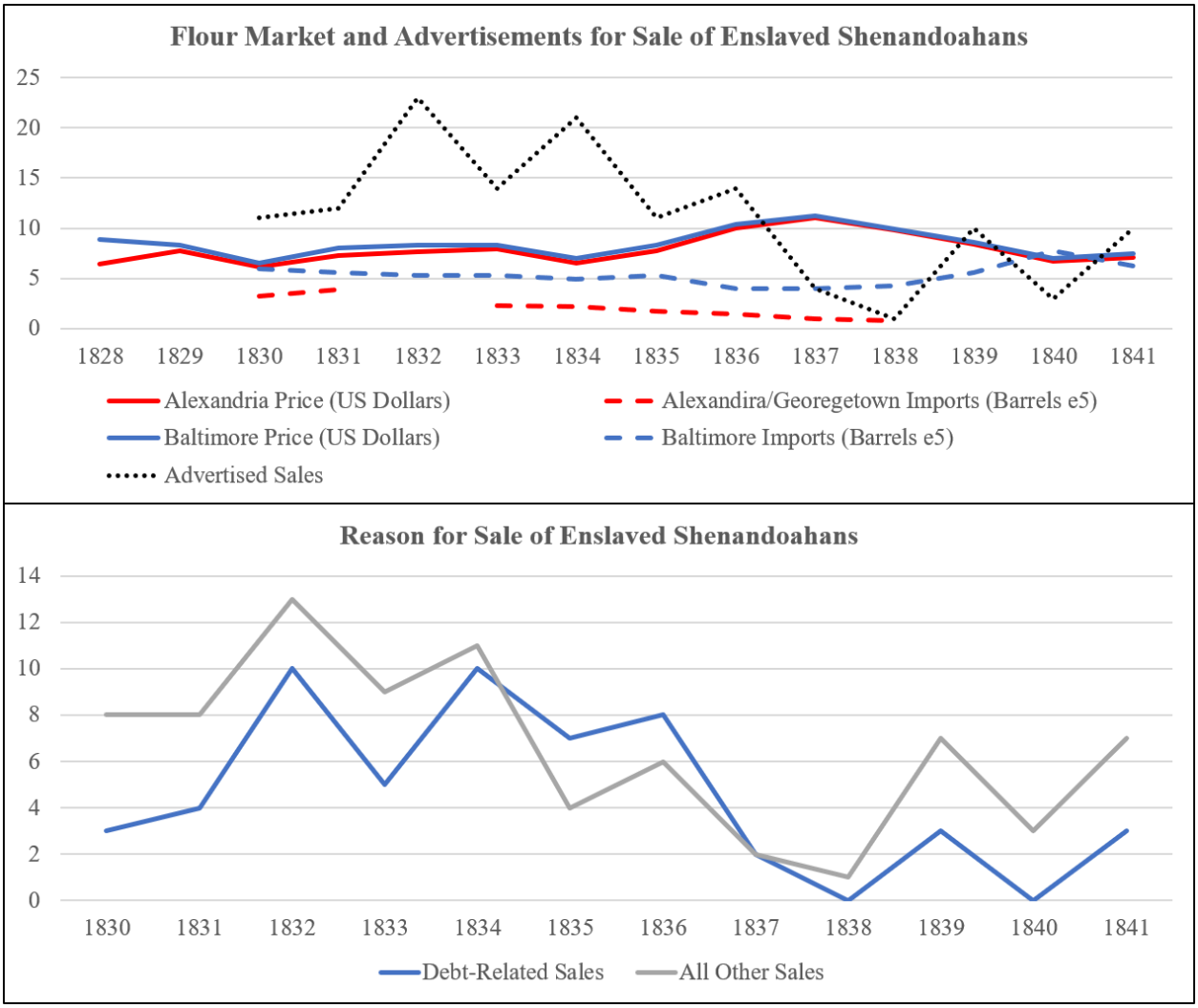

Figure 18. Advertisements for the sale of enslaved Shenandoahans, 1830-1841. All US dollars are converted to the value of the dollar in 1810. All sale data are from the Virginia Free Press & Farmers' Repository *(1830-1832) and* Virginia Free Press *(1832-1841) (see Appendix D, Table 7). Export data from* American Farmer (1858, 263), *Comp (1978, 273-74, 279-80), and* Merchants Magazine *(1861, 132) (see Appendix D, Table 11). Price data obtained by averaging one reported price from every month of the year (see Appendix D, Tables 10 and 14).*

seemingly unscathed (likely because they were already devastated by the Hessian fly), with prices slowly dropping to around $7 per barrel in 1840 as farmers recovered from the hessian fly and began selling more flour.

As with the 1810s, the flour markets seem to have influenced enslavers' decisions about when to sell enslaved Shenandoahans. Between 1830 and 1836, an average of 15 sales were advertised per year (Figure 19). Many of these advertised sales were debt-related. In fact, 1830-1836 has the highest percentage of debt-related advertisements in the entire dataset. However, it

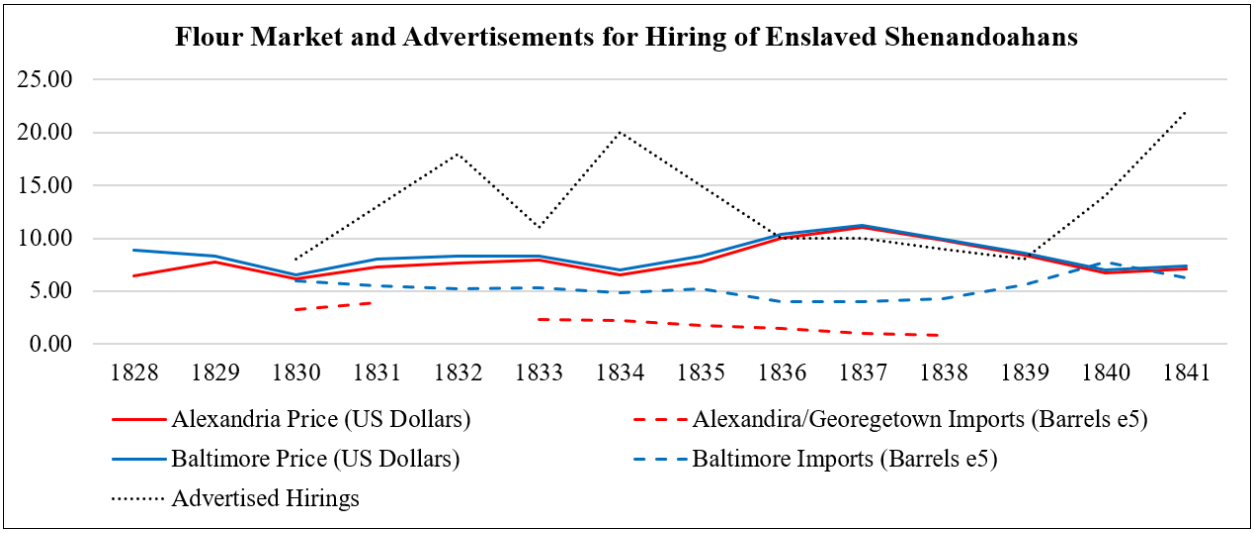

Figure 19. Advertisements for the hiring of enslaved Shenandoahans, 1830-1841. All US dollars are converted to the value of the dollar in 1810. All hiring data are from the Virginia Free Press & Farmers' Repository *(1830-1832) and* Virginia Free Press *(1832-1841) (see Appendix D, Table 7). Export data from* American Farmer (1858, 263), *Comp (1978, 273-74, 279-80), and* Merchants Magazine *(1861, 132) (see Appendix D, Table 11). Price data obtained by averaging one reported price from every month of the year (see Appendix D, Tables 10 and 14).*

is worth noting that voluntary sales also took place during this time. In 1837 enslavers began placing fewer advertisements, and through 1841 we only see an average of 5.6 advertisements per year. This corresponds with the drop in wheat sales following the Hessian fly infestation and the lingering financial effects of the Panic of 1837. Therefore, we see a similar trend to 1809-1820, with enslavers being more likely to advertise the sale of enslaved people when the flour markets are doing well, and less likely to do so when they were not.

Hiring advertisements follow roughly the same pattern as the 1830s sale advertisements (Figure 19). In 1830-1835 hiring was common, with an average of 14.6 advertisements per year. This does not correlate with trends in the flour market, so other factors might account for the increased advertisements at this time. In 1836-1839 the number of hirings advertised dropped to 9.3 per year. Again, this corresponds with the hessian fly and financial instability from the Panic of 1837, so just as enslavers sold fewer people during this time, they also hired out fewer Shenandoahans. Unlike the sale advertisements, advertised hirings increased to 18 per year in 1840-1841, a time when Baltimore merchants were buying more flour. In 1830-1841, a

significant number of hirers took out advertisements in multiple years. This was relatively consistent between 1830-1835, 1836-1839, and 1840-1841 (35.29%, 40.74%, and 34.48%, respectively). Enslavers' estates consistently hired out enslaved people in 1830-1841, accounting for 32.16% of advertisements.

There are more hiring advertisements in 1830-1841 than 1808-1820 (158 vs. 63). This suggests that either more enslavers were hiring out enslaved people in the 1830s, or they more commonly turned to newspapers to advertise hirings. More importantly for our discussion of flour markets, the 1810s data suggests that the increase in enslavers advertising in multiple years and the increase in estates advertising hirings may have been responses to sluggish flour markets and financial collapses in 1815-1820. However, the 1830-1841 data do not show enslavers increasingly using these strategies after 1836, suggesting that they had become commonplace and were no longer responses to market fluctuations.

We can see each advertisement used in the preceding analysis as an assemblage, as a unique composition formed by, among other things, articulations of newspapers, enslaved Shenandoahans' aptitudes/skills, their enslavers' desire for profit, and discourses that placed Black people into forms of humanity that could be bought and sold. The correlations between fluctuations in the flour market in Alexandria, Georgetown, and Baltimore and trends seen in advertisements for the sale or hire of enslaved Shenandoahans also indicates that trans-Atlantic political economies were part of these assemblages. As assemblages, we cannot say that shifts in the flour markets directly caused the trends we observed in the advertisements. But how the advertisements repeat across time and space map onto the ways the flour market repeated, strongly suggesting that the advertisements are at least influenced by changes in the flour market. By extension, this means that fluctuations in the flour market impacted the lives of enslaved

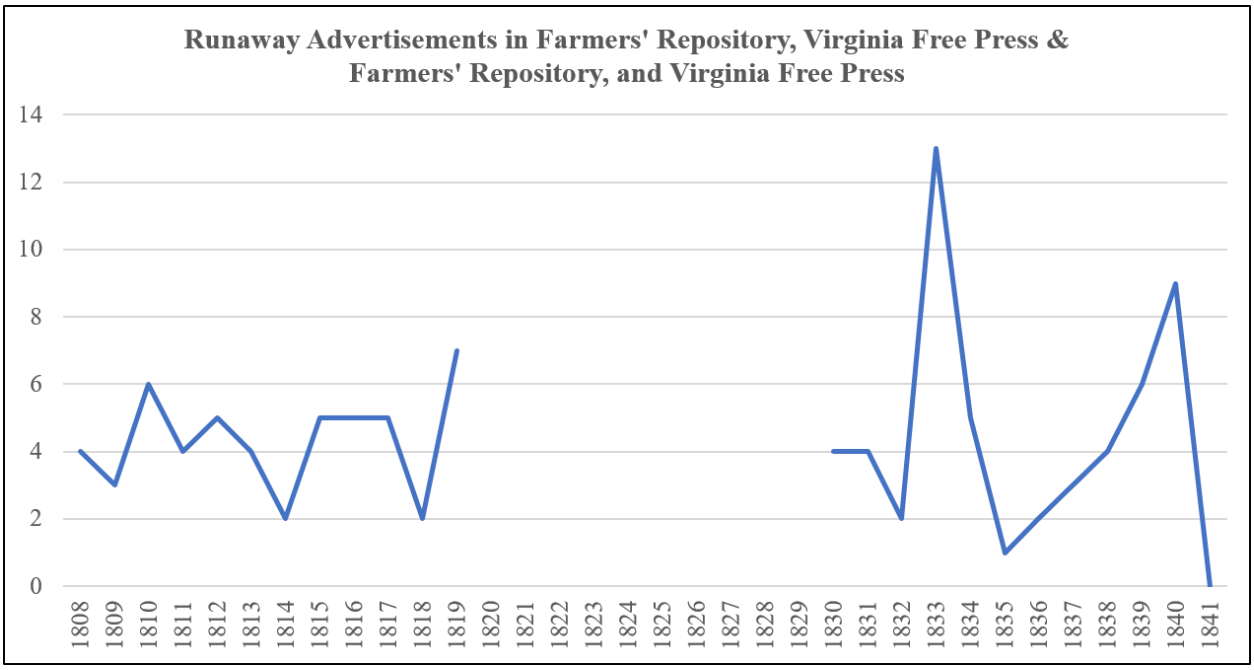

Figure 20. Runaway advertisements per year, 1808-1820 and 1830-1841. All advertisements were published in the Farmers' Repository *(1808-1820), the* Virginia Free Press & Farmers' Repository *(1830-1832), and* Virginia Free Press *(1832-1841).*

women, children, and men in the Shenandoah Valley, helping to shape enslavers' decisions about when lovers, mothers and children, families and friends would be taken from one another and sent elsewhere, sometimes for a year, sometimes for a lifetime. And it seems that enslaved Shenandoahans recognized this. There is a large increase in runaway advertisements in 1819 and during the Hessian fly infestations of 1836 and the financial issues caused by the Panic of 1837 (Figure 20). While the decision to seek one's freedom was influenced by a variety of factors (e.g., B. Dew 1856, 46; Noyalas 2021, 21–23), the sudden uptick in advertisements during times of financial instability strongly suggests that the flour market, and a fear of being hired out or sold, were among these factors. In the following chapter, we explore another condition that may have led enslaved people to seek their freedom – the constant threat of hunger from the inadequate rations issued to enslaved people.

Chapter 6: Hunger

What does hunger outside the world of Man feel like? Is it a different hunger, or just the same as the famines created by racializing assemblages that render the human isomorphic with Man? (Weheliye 2014, 113)

Frederick Douglass (1845; 1855) provides some of the starkest and most provocative passages about food, hunger, and slavery. He writes that the pork enslavers issued as rations "was often tainted, and the fish of the poorest quality," while the corn "was fit only to feed pigs" (1855, 78). Douglass describes racing against other enslaved children to scoop up as much corn "mush" as possible from "a large wooden tray or trough," because "[h]e that ate fastest got [the] most" – although "few left the trough satisfied" (1845, 27). Because of this he continually endured the "bitter pinches of hunger," and "did not hesitate to take food… wherever [he] could find it," even if it meant fighting "with the dog… for the smallest crumbs that fell from the kitchen table" or eagerly awaiting scraps "flung out for the cats" (Douglass 1845, 51, 109; 1855, 58, 147). While Douglass and those he was enslaved with were "nearly perishing with hunger… food in abundance lay mouldering in the safe and smoke-house" (1845, 52).

Douglass brings into focus the gastronomic violence that oriented (sensu Ahmed 2007) enslaved people away from adequate food within enslaving assemblages, placing a full stomach just out of reach, just on the other side of a locked door. While archaeological studies of food provide important datasets for exploring enslaved life (Landon 2005), we have not used them to narrate slavery in ways that fit with Douglass's writings. Part of this is because we often recover large quantities of animal bones and ethnobotanical remains from quartering sites. This abundance of evidence, which accumulated over years, if not decades, gets implicitly taken as evidence of abundant, or at least adequate, food, making discussions of hunger seemingly unnecessary. We frequently note that these remains came from hungry enslaved people getting

food for themselves (e.g., Bowes 2011; Brunache 2019; McKee 1999), but we gloss over hunger because it was (sometimes) eventually sated instead of seeing it as a place for critical inquiry. Part of this is also because white supremacy and liberal humanism make Black women's, children's, and men's emotions unthinkable and unknowable (D. W. King 2008; Palmer 2017). As a result, we often use phrases like "food (in)security" or "dietary deficits" instead of "hunger" (e.g., Franklin 2020; L. A. Lee 2016; Peres 2008; Wallman 2018; Wallman and Oas 2020), rhetorical choices that elide the fact that we are talking about histories of mundane pain and suffering (Hartman 1997, 51).[50]

One way to address hunger is through food's materiality, its affective, vibrant qualities (sensu Bennett 2010) that infuse people with life-sustaining energy and whose absence (sensu Fowles 2010) leads to hunger pangs, crying children, and death. We have discussed enslaved people's relation to food from cultural-evolutionary frameworks that see the enslaved as *homo economici* rationally exploiting food resources (e.g., Bates 2016; A. L. Young 1997; Young et al. 2001), and poststructuralist studies of identity (e.g., Ferguson 1992; Samford 2007; Mrozowski et al. 2008), resistance (e.g., Ferguson 1991; McKee 1999; Brunache 2019), or community formation (e.g., Bowes 2011; Crowder 2021; Wilkie and Farnsworth 2005). And we are starting to talk about the ecological connections food engendered (e.g., Oas and Hauser 2018; Wallman 2018; Wallman and Oas 2020). But we leave out food's physical properties, the juicy fattiness of pork, the dry tastelessness of ashcakes, and the material effects of their nutritional content. This

[50] As of 12 February 2021, only three articles in *Historical Archaeology*, *International Journal of Historical Archaeology* and *Journal of African Diaspora Archaeology and Heritage* use "hunger" or "hungry" to talk about enslaved people's lack of food. Sara Cofield (2006) discusses hungry enslaved people stealing corn, but Jean Howson (1990) only brings up hunger in an abstract discussion of slavery and Michael Gall et al. (2020) only mention tobacco's ability to dull hunger pangs. "Faunal" and "plantation" cooccur in 251 articles, so this trend is not due to a lack of articles on enslaved diets. Keyword searches performed on using the search function on each journals' webpage.

chapter leans into food's materiality to address how hunger shaped enslaved life in the Shenandoah Valley.

When hunger is experienced as a banal reality, as "regular," "rhythmic" and "always anticipated," it "orient[s] time, space, and action, lingering as a specter in everyday life" (K. Phillips 2018, 5). And, as Kristen Phillips (2018, 12) argues, "[t]he threshold for subsistence," that gap between being made to be hungry and being allowed to be full, can become "political… space[s] of… frenzied activity" related to the performance, denial, and endurance of suffering (also see Griffin 2020; Nally 2011). In this chapter's epitaph, Alexander Weheliye (2014, 113) asks what hunger feels like for those deemed differently human within the logics of liberal humanism, for those rendered the human other to white economically privileged men (also see Gay 2017; Simpson 2016; R. Wright 1977). Reading Weheliye through Phillips, we see hunger acting and feeling differently for those continually haunted by it, and that access to adequate food can become a way of defining who counts as fully human (also see Leong 2016). Below, I ask what hunger did to those enslavers deemed differently and enslaveably human. How did a lack of sufficient food become a critical component of enslaving assemblages in the Shenandoah Valley? How did finding ways to redress hunger animate enslaved life? And what effects did these acts of redress have?

Hunger, I argue, was a critical arena in the contested politics of being that played out in plantations throughout the Americas. Enslavers defined Black women, children, and men as differently and enslaveably human by coupling inadequate rations of cornmeal and salted pork with discourses that argued that this food was enough for enslaved people, thereby denying hunger. Such denials, however, did not stop hunger from being part of the material realities of slavery, and to deal with this hunger, many enslaved women and men grew and gathered plants,

raised poultry, and hunted. Through this, they redefined themselves as people who could not survive on the limited rations they were issued. These acts of redress created ways for enslaved people to participate in local economies by selling excess food, but enslavers also found ways to capture and pervert these efforts to further the institution of slavery. In this chapter, I foreground anti-black violence and how enslaved Shenandoahans redressed the pain it caused to highlight aspects of enslaved life that get left out when we gloss over hunger. This is only part of the story of food and slavery in the Valley. In the following pages, I gesture toward other aspects of food, but I do not extensively engage with them so I can keep our focus on hunger. We will return to food and the ways it affected enslaved life in the following chapters.

Calculated Hunger

No human could live on that kind of diet and survive…
(Twitty 2017, 198)

Early-19th-century enslavers issued a peck (around two gallons) of cornmeal and 3.5 pounds of salted pork to enslaved men every week (Coleman 1845; S. G. Moore 1989; Simple 1821; Tattler 1851). Some women got the same amount of food, but most received less, as did all children (Cocke 1853; Ruffin 1842; Tattler 1851).[51] It was not uncommon for enslavers to swap some of the salted pork for salted fish (H 1837; Pauling 1836; Ruffin 1842; J. H. Turner 1842), and some Valley enslavers may have done this as several bought barrels of herring and mackerel (Sperry 1839). Agricultural treatises and periodicals circulated widely in the Valley.[52] Many contained essays written by enslavers condemning those who did not issue the standard amount

[51] By the 1840s and 1850s cornmeal rations seem to have increased to a peck and a half per week throughout the South (e.g., Covey and Eisnach 2009; S. B. Hilliard 1972; Kiple and King 1981; McKee 1999; Stampp 1989; Sutch 1975; Twitty 2017).
[52] These periodicals include *American Farmer*, *American Farmer, and Spirit of the Agricultural Journals of the Day*, *Farmer's Register*, and *Southern Planter*. Each was published in Virginia/Maryland and have articles by Shenandoahans and/or about Valley farms/plantations.

of food and/or recommending others try their feeding regimes, which often involved additional cornmeal or supplemental rations of molasses, milk/buttermilk, turnips, sweet potatoes, and/or other vegetables (Farmers' Register 1837a; H 1837; Old Southampton 1846; Pauling 1836; Southern Planter 1851; Tattler 1851; J. Taylor 1814; J. H. Turner 1842; X 1841). Some historians take this as evidence that enslaved people's rations were not limited to cornmeal and salted pork/fish (e.g., Breeden 1980; Fogel and Engerman 1974; U. B. Phillips 1969). But such arguments seemingly misinterpret recommendations to improve rations as evidence for their widespread implementation, especially since nutritional deficiencies like anemia, pellagra, and scurvy plagued enslaved Southerners (Gibbs et al. 1980; Kiple and King 1981; Savitt 1978). These calls also do not reflect early-19th century rationing systems, as they rarely occur before the mid-1830s (Gibbs et al. 1980, 178). However, since we know that Valley enslavers started reading these recommendations in the 1830s, some may have (eventually) issued extra rations.

We only have a few scattered accounts of rations in the Shenandoah Valley. In 1797 an unnamed Quaker reported that enslavers issued "only on bread and water, sometimes with milk" in Berkely or Jefferson County (Niemcewicz 1965, 91). Catharine Slim (1972, 79), recalled only eating pork, corn, and rabbits (the latter was probably hunted and not issued as rations) when she was enslaved in Rockingham County in the 1850s-1860s while her enslavers got to eat "eberythin' nice." Jourden Banks (1861, 15), enslaved in Rockingham County in the opening decades of the 19th century, stated that "both the quality and quantity of the food" issued to enslaved farmers was worse than that of enslaved domestic laborers. A more complete picture of enslaved people's rations can be gleaned from James Pennington's account of being enslaved at a wheat farm in Washington County, Maryland, which lies immediately north of the Valley, and is occasionally considered part of the broader Shenandoah Valley cultural region (e.g., Comstock

1994b). In the 1820s, Pennington (1849, 65–66) was issued 3.5 pounds of "salt pork" or 12 herring per week, cornmeal, and "occasionally… allowed milk." He further adds that rations never included "butter… potatoes, cabbage, &c." The only exception to this diet was during the two to three weeks of the wheat harvest, when additional "harvest provisions" of "fresh meat, rice, sugar, and coffee" were issued (Pennington 1849, 66).

At Belle Grove, Isaac Hite's kept "meat records" in 1836 (I. Jr. Hite 1847), which include entries for "Provision for Walker's servants," which is presumably rations issued to people enslaved by his son Walker Hite. This includes weekly provisions of "bacon" and beef between 23 February and 29 November. From 8 March through 9 September only bacon was issued, while a mixture of bacon and beef were issued before and after these weeks. This suggests that salted pork was the predominant meat issued to people enslaved by the Hites, at least for most of the year. The amount of meat also varied throughout the year. From 8 March to 10 June, the records indicate 16.5-17 pounds (mean of 16.79 pounds) of meat issued as provisions, the remaining weeks ranged from between 9.75-16.5 pounds (mean of 13.31 pounds). Walker Hite enslaved 16 people in 1840, eight of whom were probably adults (US Bureau of the Census 1840c). If he enslaved this many people four years earlier, the rations issued by his father would come out to around two pounds of meat per adult per week from March through early June, and one to two pounds per adult in late June through November. If this was all the meat they were issued, this would have been below average for the South as a whole, but in line with what James Smith (1881, 8) recalls being issued while enslaved in Virginia Tidewater in the 1810s-1820s or Peter Randolph (1893, 179) states he was issued in Prince George County, Virginia in the 1830s-1840s (2 pounds per man and 1-1.5 pounds per women). This would not leave much, if any, meat for enslaved children, but numerous references to enslaved children receiving little or no meat

exist throughout the South (e.g., Parker 1895, 17; J. L. Smith 1881, 8). It is important to note that this may not have been the only meat issued to people enslaved by Walker Hite, but this data does suggest that the Hites were probably not issuing more meat than other Southern enslavers, and in fact may have routinely issued less than the 3.5 pounds commonly seen elsewhere.

Enslavers commonly stated that the food they issued provided a "sufficient" and "wholesome" diet (A Virginian 1849; Barksdale 1856; Calhoun et al. 1846; Farmers' Register 1837a; Gooch 1833; J. H. Turner 1842). But if we are just talking about the rations of cornmeal and salted pork, this cannot have been the case.[53] Enslaved farmers worked long, grueling days Monday to Saturday throughout the year, typically laboring from "daybreak… until dark, with the intermission of half an hour to an hour at breakfast, and one to two hours at dinner, according to the season and sort of work" (Pauling 1836, 181). This probably occurred in the Valley as well, as George Johnson (B. Dew 1856, 52) recalled going "to work at sunrise, and quit[ting] work between sundown and dark" while enslaved "near Harper's Ferry," either in Jefferson County (now West Virginia) or across the Blue Ridge in Loudon County. This meant that the length of the workday varied widely, from as little as 5.5 hours in mid-December to as many as 14.5 hours in mid-June.[54] The amount of energy enslaved Shenandoahans needed to do this forced labor also varied throughout the year, and from person to person as a host of factors, including weight, affect how many calories people burn.[55] We can see this with Jerry, Ned, Primus, Sally, and Truelove, five enslaved farmers assigned to work under Benjamin Little, the

[53] Most formerly enslaved people would agree with this (e.g., Covey and Eisnach 2009; Douglass 1855; Northup 1853). However, Herbert Covey and Dwight Eisnach (2009) note that some narratives state that enslaved people were given enough food, although these were likely cases where enslavers issued additional rations.
[54] Assuming 2.5 hours of down time for meals when there was less work December and only 1.5 hours in June when there was more work to be done. Hours of daylight obtained from https://www.timeanddate.com/sun/@5051468 (accessed 5 December 2020).
[55] Height, age, gender, and temperature are also important factors, but I focuses on weight because I cannot find any discussion of farmers' caloric expenditures that include these other factors.

Hites' overseer in 1786 (I. Hite 1785). We do not know how much these people weighed, but let us say that Jerry weighed 65kg (143 pounds), Ned weighed 74kg (163 pounds), Primus weighed 83kg (183 pounds), Sally weighed 51kg (113 pounds), and Truelove weighed 56kg (123 pounds) – weights we might expect to see based on documentation in runaway advertisements (e.g., Bourland 1828; Crittenden 1791; Eaton 1784; Irvine 1802). Primus might have burned as little as 2,813 calories working in December and as many as 6,075 calories in June while Sally might have burned as little as 2,201 calories working in December and as many as 4,755 calories in June (Table 7).[56] If we assume the smallest possible energy expenditure for the rest of the day, Primus may have burned between 4,352 and 6,986 calories per day while Sally burned between 3,283 and 5,395 calories per day.[57]

If we take the rations issued to Jerry, Ned, and Primus to be the peck of cornmeal and 3.5 pounds of salted pork that were commonly issued in the South (which again might be more food than the Hites issued), these would have provided them with around 3,282 calories per day.[58] This was not enough food at any time in the year and fell far short of what they needed when harvesting wheat and rye in early summer 1786. We do not know how much food the Hites

[56] Here I modified Richard Sutch's (1975) clinometric study of enslaved diets to reflect the work enslaved Shenandoahans did, the length of their workdays throughout the year, and Jerry, Ned, Primus, Salley, and Truelove's hypothetical weight. Almost all the tasks enslaved farmers did throughout the year (clearing and preparing fields, harvesting, hauling, mowing, planting, plowing) are classified as "moderate" in terms of their energy expenditure (5.0-7.4 Kcal per minute for a 65kg person) (Durin and Passmore 1967; F. B. Jones 1860; Sutch 1975, 385–86). Only in December did enslaved farmers commonly do tasks that required significantly greater or lesser amounts of energy (cutting wood [7.5-9.9 Kcal per minute], and shucking corn [2.0-4.9 Kcal per minute], respectively). To estimate Jerry's work-related energy expenditure I multiplied the mean energy expenditure for moderate activity (6.2 Kcal per minute) for a 65kg person by the mean length of the workday, estimated to be 2.25 hours (average length of breakfast and dinner (Pauling 1836, 181)) less than the amount of average daylight per month. I then adjusted the energy expenditure calculate the people's caloric needs.

[57] At 65kg, Jerry expended 1.16 Kcal per minute sleeping, and to estimate the minimum energy he needed when not working, I multiplied this by the mean length of nighttime per month and the 2.25 hours for breakfast and dinner. I then adjusted the energy expenditure calculate the people's caloric needs.

[58] Cornmeal contains 1,679 calories per pound. Salted pork could come from multiple parts of a pig, with one enslaver noting that "sides and shoulders" were ideal for enslaved people (Southern Planter 1852, 224). However, enslavers commonly issued "fatty" meat (e.g., Draughon 1850; Holston 1858; Tattler 1851) that likely has as many calories as modern bacon (2,483 calories per pound). Fattier or leaner meat would shift the daily caloric average.

Table 7. Calculations for Jerry, Ned, Primus, Sally, and Truelove's estimated daily energy expenditures.

	Jan	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
Mean Hours of Sun	*9.25*	*10.5*	*12*	*13.75*	*15*	*15.75*	*15.5*	*14*	*12.25*	*10.75*	*9.25*	*8.5*
Mean Work Hours	*7*	*8.25*	*9.75*	*11.5*	*12.75*	*13.5*	*13.25*	*11.75*	*10*	*8.5*	*7*	*6.25*
Jerry, 65kg (143 pounds)	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
Est. Work Calories (6.2 Kcal/min)	*2604*	*3069*	*3627*	*4278*	*4743*	*5022*	*4929*	*4371*	*3720*	*3162*	*2604*	*2325*
Min. Non-Work Calories (1.16 kCal/min)	*1184*	*1097*	*992*	*870*	*783*	*731*	*749*	*853*	*975*	*1079*	*1184*	*1236*
Min. Calories Needed	*3788*	*4166*	*4619*	*5148*	*5526*	*5753*	*5678*	*5224*	*4695*	*4241*	*3788*	*3561*
Min. Calories Needed, 25% Work Reduction	*3137*	*3398*	*3712*	*4079*	*4341*	*4498*	*4445*	*4131*	*3765*	*3451*	*3137*	*2980*
Ned, 74kg (163 pounds)	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
Est. Work Calories (6.84 kCal/min)	*2877*	*3391*	*4007*	*4727*	*5240*	*5549*	*5446*	*4829*	*4110*	*3494*	*2877*	*2569*
Min. Non-Work Calories (1.30 kCal/min)	*1329*	*1231*	*1114*	*977*	*880*	*821*	*840*	*958*	*1095*	*1212*	*1329*	*1388*
Min. Calories Needed	*4206*	*4622*	*5121*	*5704*	*6120*	*6369*	*6286*	*5787*	*5205*	*4705*	*4206*	*3956*
Min. Calories Needed, 25% Work Reduction	*3487*	*3774*	*4120*	*4522*	*4810*	*4982*	*4925*	*4580*	*4177*	*3832*	*3487*	*3314*
Primus, 83kg (183 pounds)	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
Est. Work Calories (7.49 kCal/min)	*3150*	*3713*	*4388*	*5175*	*5738*	*6075*	*5963*	*5288*	*4500*	*3825*	*3150*	*2813*
Min. Non-Work Calories (1.44 kCal/min)	*1475*	*1366*	*1236*	*1085*	*976*	*911*	*933*	*1063*	*1215*	*1345*	*1475*	*1540*
Min. Calories Needed	*4625*	*5079*	*5624*	*6260*	*6714*	*6986*	*6895*	*6350*	*5715*	*5170*	*4625*	*4352*
Min. Calories Needed, 25% Work Reduction	*3837*	*4151*	*4527*	*4966*	*5279*	*5467*	*5405*	*5028*	*4590*	*4214*	*3837*	*3649*
Truelove, 56kg (123 pounds)	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
Est. Work Calories (6.03 kCal/min)	*2533*	*2985*	*3528*	*4161*	*4613*	*4884*	*4794*	*4251*	*3618*	*3075*	*2533*	*2261*
Min. Non-Work Calories (1.08 kCal/min)	*1110*	*1028*	*930*	*816*	*734*	*685*	*702*	*800*	*914*	*1012*	*1110*	*1159*
Min. Calories Needed	*3642*	*4013*	*4458*	*4977*	*5347*	*5570*	*5496*	*5051*	*4532*	*4087*	*3642*	*3420*
Min. Calories Needed, 25% Work Reduction	*3009*	*3267*	*3576*	*3937*	*4194*	*4349*	*4297*	*3988*	*3627*	*3318*	*3009*	*2855*
Sally, 51kg (113 pounds)	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**	**Nov**	**Dec**
Est. Work Calories (5.87 kCal/min)	*2465*	*2906*	*3434*	*4050*	*4491*	*4755*	*4667*	*4138*	*3522*	*2994*	*2465*	*2201*
Min. Non-Work Calories (1.01 kCal/min)	*1036*	*960*	*869*	*762*	*686*	*640*	*655*	*747*	*853*	*945*	*1036*	*1082*
Min. Calories Needed	*3502*	*3866*	*4303*	*4812*	*5176*	*5395*	*5322*	*4885*	*4375*	*3939*	*3502*	*3283*
Min. Calories Needed, 25% Work Reduction	*2885*	*3139*	*3444*	*3800*	*4054*	*4206*	*4155*	*3851*	*3495*	*3190*	*2885*	*2733*

issued to enslaved women, but if they gave Sally and Truelove the same rations as the men, the cornmeal and salted pork was never enough food for Truelove and would only have been enough for Sally in December. I may have over-calculated the energy expended during work hours, but even reducing this by 25% the rations only provided enough food for Jerry, Sally, and Truelove

in the winter months. Based on account of formerly enslaved people throughout the South, estimating anything below this would likely undercount the amount of work done by enslaved farmers. If the Hites issued "harvest provisions" like those described by Pennington (1849, 66), these could have alleviated (some of) the caloric deficit seen in the summer, but only for the few weeks when people were directly engaged in the wheat harvest. For Ned and Primus, "hunger" would have been their "daily companion" throughout (most of) the year (R. Wright 1977, 1). According to records from Belle Grove, Sally and Truelove were not pregnant or nursing in 1786, but if they had been, the issued rations would not have been adequate; Virginian enslavers did not issue extra rations to pregnant or nursing women, and mothers-to-be did fieldwork into the ninth month of their pregnancy (Pargas 2010, 64–65; Stevenson 1996, 193, 250). I calculated the smallest possible energy expenditure for time not spent doing fieldwork. If these women and men cooked, ate, or did anything other than sleep during this time then their daily caloric needs would be above what I estimated. In 1786, Truelove had a son (Henry, aged six) and three daughters (Peggy, aged 10; Pricilla, aged eight; and Katy or Kate, aged four) (Madison 1785). If we recognize the time and energy she put into raising her family, a peck of cornmeal and a few pounds of salted pork were probably not enough food, even in the winter.

Hunger affected all five enslaved farmers. How much it affected them varied from person to person, but all felt the bitter pinches of hunger most acutely during the wheat and rye harvest. Some may have suffered in silence, moaning under their breath for fear of the violence Little might inflict on them if they mentioned being hungry in June and July (see Grandy 1843, 12). Their thoughts may have turned inwards, serving up fantasies of food while they sweated in the late-afternoon heat (Weheliye 2014). Did these fantasies sustain Truelove, helping her to keep going until the sun dipped below the horizon? Did such thoughts intensify Jerry's hunger pangs,

making the sun seemingly slow its progress across the sky, stretching out the hours until he could eat again (see Clarke 1845, 29)? Others might have been vocal. Isaac Hite noted that Primus might refuse to "work in the crop" as he had "not given in" to being enslaved (I. Hite 1785; 1859). We can easily imagine Primus protesting the gastronomic violence imposed on him regardless of the punishment. Some enslavers withheld rations as a form of punishment (e.g., Anderson 1857, 17; Clarke 1845, 25; Jacobs 1861, 72), so Little may have denied Primus food to force him to "work in the crop," compounding his hunger.

What I have presented are a series of speculative statistics based on sparse historical documents. These are not quite critical fabulations, re-presentations of "sequence[s] of events in divergent stories… from contested points of view" made popular in Black studies by Saidiya Hartman (2008, 11). But they do the same work, displacing authorized narratives about the (lack of) hunger felt by enslaved Shenandoahans by discussing how different enslaved people may have experienced hunger at different times of the year, making legible what was not written down (Hartman 2008, 11–12). This amplifies and contextualizes the writings of John Adams (1872, 15), who recalled that "many" of "the fathers and mothers who" were enslaved alongside him in Fredrick County "were starved to death." I did this by privileging the experiences of enslaved farmers over enslaved artisans, domestic laborers, and children. This is partly because I do not have enough information to speculate on the needs of those not engaged in fieldwork, and partly because people like Judah or Sukey who worked in Belle Grove's manor house may have had access to scraps of leftover food. Or they might have been punished if they ate these, with the sights and smells of the kitchen and the dining room intensifying their hunger (e.g., Jacobs 1861, 22; James 1936, 170; Webb 2020, 142). We do not know. But we do know that most enslaved women and men worked in the fields "during the busy seasons" around harvest and

planting (Farmers' Repository 1816b, see Chapter 5). This means that most enslaved adults at Belle Grove, and in the Shenandoah Valley, felt the same bitter pinches of hunger that affected Jerry, Ned, Primus, Sally, and Truelove in the summer of 1786.

Why did enslavers inflict this gastronomic violence on enslaved Shenandoahans? To put it differently, what did this imposed hunger do for enslavers? What did they get from starving the women and men whose labor they relied on? Part of this seems to revolve around profits. Racializing access to adequate food created a calculated hunger that satisfied profit margins instead of the women and men who produced this wealth. Most enslaved Shenandoahans ate corn and pork that they grew/raised for their enslavers, so this food did not cost anything to acquire. But these were also marketable commodities, with the annual value of the cornmeal and salted pork issued to enslaved men coming to around $20.46 in 1838 ($572.85 in 2020).[59] Enslavers calculated the cost of feeding enslaved people as business expenses (Ruffin 1842; Simple 1821; Southern Planter 1846b). Some bemoaned this loss of potential profit as enslaved people "eat[ing]," "starv[ing]," or making "slave[s]" of their enslavers, and there are reports of Virginian enslavers selling people to make up for these lost profits (Silliman's Journal of Science 1836, 98; Southern Planter 1846b; T.B.A. 1835, 612). One South Carolina enslaver even recommended grinding corn cobs into cornmeal to increase the amount of food that could be issued to enslaved people (Amphicon 1825). When we look at this calculated hunger from 20th- and 21st-century understandings of the human as a *homo economicus* (e.g., Wynter 2003), or contemporary understandings of labor, this does not necessarily make sense. Again, why starve a worker who makes money for you. But Leonard Black (1847, 16–17, my emphasis), who was enslaved in Maryland, points out a different economic logic that was at play here. "We were poor

[59] Cost calculated using the average price Edward Sperry paid for cornmeal ($0.011 per pound) and bacon ($0.08 per pound) at his Middletown store (Sperry 1839).

slaves; and the great object in feeding slaves is doubtless the same as it is with cattle and horses, to keep them in good working order," which he specifically states not as a state of good health, but in a "*saleable condition*." He goes on to argue that:

> if the health of the slave is not *permanently* injured, *the nearer to the starvation point the master can keep the slave, the more it is for his interest*; and who, that casts his eye back through the dark, bloody track of slavery, does not perceive that the masters have acted up to their interest

Furthermore, as Charles Ball (1859, 33, 79) notes, the logic behind this calculated hunger lead to "half-starved… wretches" showing up wherever people were enslaved, from large plantations to small family farms. Profit alone, however, cannot explain why enslavers issued so little food to enslaved people. Enslavers gave more food to white laborers, even though this, too, ate into their profits (A Virginian 1849; J.S. 1841a; 1841b; C. Jones 1828; Veney 1889, 32). As a point of comparison, the typical diet of a White Shenandoahan included 5.9 pounds of corn and wheat, 3.5 pounds of potatoes, 2.7 pounds of pork, 1.3 pounds of beef, and 0.6 pounds of mutton per week as well as "large amounts" of poultry, fruits, vegetables and dairy products (Schlebecker 1971, 464). This comes out to around 3,525 calories per day from starches and meat, which is more than calories than enslaved rations likely provided even without counting the other items in White diets. Therefore, I argue that we are seeing an ontological politics waged over the definition of enslaved people's humanity playing out through cornmeal and salted pork (Wynter 2003, 318).

For Africans to be enslaved, they had to be defined as differently and enslaveably human, as inhabiting a racialized form of humanity that was ontologically different from their enslavers, a way of being human that was "burdened with the specter of abject" enslavability (Z. I. Jackson 2020, 27; Judy 2020, xiv). And the banal hunger inflicted on enslaved people was "a technology for producing" and describing this "kind of human" (Z. I. Jackson 2016, 96; also see Leong

2016). As Zakiyyah Jackson (2020, 9–12, 26) discusses, enslavers defined enslaved people as being so entrapped by corporeal pleasures that they could not act "rationally" – which supposedly prevented them from being fully human. While such discourses typically focused on sexuality, they also took place around food. Some enslavers argued that if rations were increased, enslaved people would eat more than they needed or sell their food "for a gallon of whiskey, or a pound or two of tobacco" (A Planter 1836, 574; R. H. Taylor 1924, 139; also see Clay 1833, 11; K. M. Hilliard 2014, 25). One sensationalized story, reprinted in a Valley newspaper, even told of an enslaved man who "met his death by overeating" (Farmers' Repository 1817). Others claimed that enslaved people could not be trusted with extra rations because they would steal from each other (Tattler 1851, 39). As Valley enslavers read these discussions, they became assembled with discourses that used enslaved people's supposed irrational and insatiable desires to justify limited rations and to define them as differently and enslaveably human.

The decision to feed enslaved people cornmeal and salted pork fed into these ontological politics and the racializing sciences used to justify them. Eighteenth-century enslavers argued that corn was "the properest food for Negro slaves," and that those who ate other grains would be physically weakened (Catesby 1754, xvii). White Virginians also ate large amounts of corn, but it was not seen as a biological necessity for them in the same way that enslavers argued it was for enslaved people (Catesby 1754, xvii). What this seems to show is that by the 18th century, enslaved people were being defined as differently human based on their perceived nutritional needs. These discourses continued into the 19th century, where lean foods (wheat, vegetables, etc.) were classified as "muscle-producing" while fatty foods (especially fatty meat) were considered "heat producing" (Wilson 1859, 197; also see Tompkins 2012, 53–88). Corn fell into both categories, seen as "abounding… in oily," heat-producing "matter" while being "a valuable

muscle-producing food" (Wilson 1859). At the same time, enslavers described Black people as producing less heat than White people because of their adaptation to tropical environments, a view that circulated widely in the Valley (W. Ballard 1854; Barksdale 1856; Franklin 1820; 1839; W. H. Harrison 1831; Home 1821; C. Jones 1828). This led enslavers to see fatty salted pork as "the most nourishing of all foods" for enslaved people (A Lover of Good Ham 1843; Breeden 1980, 111; Draughon 1850; Gage 1857; Holston 1858, 729; Wilson 1859, 197).[60] Enslavers eventually debated whether fatty meat was deleterious to White people (Barksdale 1856; Wilson 1859, 197; also see Tompkins 2012, 53–88), creating another way to define White and Black Southerners as different. Because corn provided heat while promoting "muscular growth," enslavers viewed it as the most appropriate grain for the enslaved (Breeden 1980, 111; Wilson 1859).

Notions of enslaved people's fungibility also played a critical role in creating and denying the hunger felt by enslaved Shenandoahans. Enslavers attempted to negate differences between enslaved women, children, and men so they could "be arranged and rearranged for infinite kinds of use" (Hartman 1997; T. L. King 2016, 1025; Spillers 1987). When assigning rations, enslavers recognized at most two distinctions between enslaved people – an age difference between children and adults, and a gender difference between women and men. Other differences in weight, height, age, metabolism, the work enslaved people did, and whether women were nursing or pregnant were left out of the crushing arithmetic said each woman, each child, and each man had the same dietary needs and that these needs could be satisfied by the assigned rations (also see McKittrick 2014). Tyrone Palmer (2017, 37) argues that fungibility

[60] Here I include sources from the lower South because while these sentiments exist in journals we know circulated widely in the Valley, they are stated more directly in literature from the lower South. Some Valley enslavers read journals from the lower South (Ploughboy 1841), so we know they at least encountered these more explicit statements about enslaved people's biological needs.

"foreclose[s] or [at least] heavily circumscribe[s]" the possibility "of Black sentience," rendering enslaved women and men as people "whose… affective power is of no consequence," as emotions are not interchangeable and require dealing with the needs of individual people. As a result, the pain created by insufficient rations was obscured, to say nothing of every enslaved person experiencing hunger differently or having different fantasies about food.

These definitions of Black people as incapable of regulating their food intake, possessing a biological need for cornmeal and salted pork, and the interchangeability of their dietary needs informed White Shenandoahans' decisions about how much of which foods to give the women, children, and men they enslaved. As a result, the hunger felt by enslaved people was rendered different from the hunger White people felt, requiring different foods to satisfy and different levels of concern for enslavers than hunger felt by better-fed White laborers. The physical effects of this hunger also fed back into understandings of Black people as ontologically different, with one enslaver arguing that enslaved people possessed inferior "energy" (Williams 1859, 35), quite possibly an effect of the hunger that haunted them.

Hunting, Raising, Growing, and Gathering

No matter how White Shenandoahans defined enslaved people's biological needs, the cornmeal and salted pork issued to enslaved women and men was not enough food, at least for most of the year. This is because the ontological categories enslavers placed enslaved people into were uninhabitable, as discourses about Black people's biologies did not change their dietary requirements, nor did they imbue rations with additional calories. Enslaved people needed more food than they were given. In some ways, we might say that the rations did not produce enough "friction" to give enslaved people the life-sustaining energy they needed, while in other ways we might say that this hunger chaffed them, creating discomfort and pain, shaking hands and aching

stomachs (T. L. King 2019; Macharia 2019; Tsing 2005). Many (if not most) sought redress from this by doing what they could to get extra food. Some stole from their enslavers or neighboring properties. Others had gardens or raised poultry. Through these actions, enslaved people enacted a counter-politics of being that redefined themselves as people who could not subside on a peck of cornmeal and a few pounds of salted pork a week. It is important to note that these actions were carried out at night or on Sundays, which was the only time enslaved people were not required to work (e.g., Ball 1859, 202–3; B. Dew 1856, 55; Northup 1853, 200; Pennington 1849, 66; Pickard 1856, 124; J. L. Smith 1881, 8–9).

Such redescriptions of enslaved humanity occurred throughout the Shenandoah Valley. Archival records show that enslaved Shenandoahans grew corn, sorghum, rye, and other crops for themselves in "negro patches" (Norris 1890, 802; Page News & Courier 1932; Simmons and Sorrells 2000, 177; Sperry 1839; Spring Mill 1830). They also raised fowl for meat and eggs (Baker Store 1861; Milton 1849; Gore 1860; Griffith 1862). Some enslaved men bought gunpowder and lead shot, presumably for hunting (Account Book 2 1797; Cather 1882; Milton 1849). While technically illegal (Guild 1969, 51), several raised pigs and cows, and even made their own butter (Milton 1849; Gore 1860; Griffith 1862; Homer and Nelson 1858; Southern Claims Commission 1878; Sperry 1839). But the best source of data on how enslaved Shenandoahans satisfied the hunger imposed on them are the ethnobotanical and faunal remains from Belle Grove Plantation's Quarter Site B, particularly those from the burned cabin's root cellar (Feature 3) and subfloor pit (Feature 24).

Figure 21. Ethnobotanical specimens from subfloor pit (Feature 24). A) walnut shell, B) peach pit, C) corn cobb, and D) various seeds.

The ethnobotanical analysis from the cellars is ongoing (Seminario Forth.), but the initial results suggest that enslaved people grew and gathered a variety of food (Figure 21). Linda Seminario has identified corn (*Zea mays*) cobs and kernel fragments. Cornmeal was more commonly issued as rations than whole corn, so corn cobs suggest that enslaved people at Belle Grove grew corn for themselves. Seminario also identified charred parenchymous tissue from tubers. Amongst these is a possible potato or sweet potato eye, suggesting that enslaved people also grew root crops. Peach (*Prunus persica*) and cherry (*Prunus sp.*) pits were found in the cellars. References to enslaved Southerners planting and raising fruit trees exist, as do references to enslaved people getting fruit from enslavers' orchards (e.g., Covey and Eisnach 2009), so we do not know where the peaches and cherries came from.

Other ethnobotanical materials provide better evidence for enslaved people gathering food. Seminario identified walnut (*Juglans sp.*) shells, suggesting that enslaved people gathered nuts in the fall. The ethnobotanical remains also include knotweed seeds (*Polygonum sp.*), a weedy plant with edible greens commonly found in Virginian quartering sites (e.g., Bowes 2011, 96; Crowder 2018, 63, 122, 125–26; Henderson 2013, 9; Mrozowski et al. 2008, 719). Knotweed

prefers wet soils (Henderson 2013, 9), and Quarter Site B sits on a well-drained ridge top where it was unlikely to have grown. Enslaved people probably gathered knotweed from wetter areas, especially around Cedar Creek or Mill Brook to eat its leaves. Residue analysis from the site's ceramics (see Chapter 8) also indicated that enslaved people ate cruciferous vegetables, likely cabbage or turnip greens. Finally, Seminario noted chickasaw plum (*Prunus angustifolia*) pits, a wild plum that fruits in May and June.

The faunal analysis (Bajorek In Press; Oliver Forth.) also shows enslaved people at Belle Grove doing what they could to get food for themselves. The most common animal bones from the site are from cows, pigs, and sheep/goats. Archival records show that enslaved Shenandoahans raised cows and pigs for themselves. But enslaved people also raised these animals for the Hites, and we cannot discount the possibility that these remains are from beef, pork, or mutton on the bone issued as rations. Isaac Hite notes occasionally issuing beef as "Provision[s] for Walker's servants" (presumably people enslaved by his son Walker Murray Hite) in February, March, October, and November 1836 (I. Hite 1847). This seems to be around the times of year that cattle were butchered at Belle Grove (I. Hite 1859), so fresh meat on the bone may have occasionally been issued to those living at Quarter Site B. However, chicken bones and both hatched and unhatched chicken eggshells have been recovered from the site, indicating that enslaved people raised chickens and ate chicken eggs (Figure 22). In her analysis of 375 eggshell fragments from the root cellar, Katelyn Bajorek identified hatched and unhatched duck eggshells and hatched guinea fowl eggs, indicating that a broader assortment of poultry was raised at

Figure 22. Poultry bones from Quarter Site B.

Quarter Site B. Goose bones, unhatched goose eggs, turkey bones, and possible unhatched turkey eggs have also been identified, but with the limited data, we cannot tell if enslaved people at Belle Grove raised geese and/or turkeys, or if they hunted wild birds and gathered eggs from wild nests.

The small mammal and amphibian bones, however, provide more definitive evidence of enslaved people hunting, which was common throughout the South (e.g., McKee 1999; Young et al. 2001). Scott Oliver has identified squirrel, rabbit, turtle, frogs/toad, and opossum bones in his preliminary analysis of the root cellar's faunal remains (Forth.). He also identified a deer bone from one of the excavated middens. Combined, these suggest that enslaved people hunted for

food, either using traps or guns, as we recovered four pieces of lead shot and 17 gunflint fragments from Quarter Site B. Oliver also identified fish bones and we found a fishhook at the site. Cedar Creek, Mill Brook, and the North Fork of the Shenandoah River are all nearby, and enslaved people could have fished in any of these.

Tending gardens, tossing feed to chickens, and hunting squirrels were acts that creatively assembled people and their needs and desires with plants, animals, soil nutrients, and landscapes (e.g., Carney 2017; 2020; Loichot 2007, 149; Walker 1983, 241; Wynter 1971). These assemblages brought together past, present, and future in novel ways (Reese 2019), linking saved seeds, memories of past meals, and the knowledge of where chickasaw plum trees are with actions done in what little time enslaved people had to themselves in hope of a soon-to-be-full stomach or to be able to enjoy a juicy plum after a winter without fresh fruit. Enslaved kinship emerged in and through mutual-aid networks, with family members defined in part by who contributed to, and who could lay claim on, shared food (Behrens 2010, 477; Haymes 2018, 36–37; Penningroth 2003), so tending gardens and gathering walnuts brought together enslaved Shenandoahans (also see White 2020).

Calculated hunger from insufficient rations was an important part of these assemblages, but it did not dictate their contours. Enslaved women may not have needed to water gardens before leaving for the fields or pull weeds from them when they returned if their enslavers provided them with adequate food, but they might have (Walker 1983, 241). Instead, we might say that inadequate rations made it more likely that enslaved people would use the little time they had to themselves to plant gardens or hunt because these actions redressed the gastronomic violence imposed on them. This enacted an ontological counter-politics, a way for enslaved people to define their humanities on their own terms, to state that they were people who needed

more than a peck of cornmeal and a few pounds of salted pork per week. These ways of being human emerged through and were narrated by multi-species assemblages (T. L. King 2019, 140). Planting extra corn and gathering chickasaw plums were ways for enslaved Shenandoahans to define themselves as people who needed more food. Growing sorghum, rye, and (sweet) potatoes, raising chickens, and hunting deer, rabbits, squirrels, turtles, and frogs – all lean meats – undermined the argument that corn and fatty pork alone satisfied their biological needs. Deciding who got how much of which food within kin groups based on *anything* other than age and gender rejected the logics of fungibility enslavers used to allot food. Redressing hunger did not remove enslaved people from the gastronomic violence imposed on them (Hartman 1997, 77). But it did reassemble it, creating new ways of being human that better aligned with enslaved people's needs and desires. An exhausting way of being human that required working at night and on Sundays, but one that promised a full stomach and the ability to eat something other than corn and salted pork.

It is important to note that not all enslaved people were able to feed themselves. Some, like Frederick Douglass, lacked access to the necessary connections to start a garden or a flock of chickens. Not everyone had the time or energy to hunt or gather wild plants. Enslaved people who were frequently hired out and rarely spent more than a year in the same place, which was the case for many enslaved Shenandoahans, were at a severe disadvantage (L. A. Lee 2016, 119; Simmons and Sorrells 2000). Seeds are easily transportable. Live ducks, and knowing where to find the most productive walnut trees are not (Bowes 2011). While the logic of liberal humanism's Man2 would argue that those unable to garden or hunt were incorrectly or insufficiently human (see Chapter 3), we must see these experiences as creating ways of being human that existed in the gap between enslavers' use of food to define the enslaved as differently

human and enslaved people's use of gardens and chickens to redefine their humanities (Weheliye 2014; Wynter 2003; 2015). Unfortunately, we lack data that address these forms of enslaved humanity in the Valley, like formerly enslaved people talking in more detail about the lack of food or excavations of enslaved peoples' living spaces on farms that routinely hired enslaved farmers. Until we have these, we must at least remember that the experiences of those unable to sate the gnawing hunger that shaped enslaved life matter just as much as those who were lucky enough to get food.

Captured Redress

Some enslavers did not like enslaved people acquiring food on their own, as they "work[ed] their crop on the sabbaths" and at "nights when they should be at rest," and could easily incorporate stolen food into their stores (Tattler 1851, 41; J. H. Turner 1842, 129). But most encouraged enslaved people to produce their own food. Steven Stoll's (2017) concept of "captured gardens" helps to theorize this. Briefly, Appalachian coal companies did not pay miners enough for their families to survive on store-bought foods, forcing miners' wives and children to maintain garden plots. Companies then used the gardens as an excuse to keep wages low, since miners no longer needed extra money to feed their families. Or, as Stoll puts it, companies "captured" the labor families put into their gardens to increase profit margins. This same hopeless cycle repeats in how enslavers recommended capturing the labor enslaved people put into redressing the hunger imposed on them.

"Besides the food furnished by me," wrote J. Pauling (1836, 182, my emphasis), "nearly all the servants… make some addition from their private stores; and there is… *hardly an instance of one so improvident as not to do it*." In other words, enslaved people's efforts to provide food for themselves could be captured and used to increase profit margins since

enslavers knew that enslaved women and men would get extra food for themselves if given the opportunity (Neiman 2008, 170; Pulsipher 1990; Wynter 1971, 99; A. L. Young 1997, 32). Enslavers also captured the time enslaved people put into their gardens, since spending their "evenings and holydays… working" to get food meant less time for potentially seditious activities like drinking, singing, or dancing (Hill Edwards 2017, 778–79; Pauling 1836, 182; also see Barton and Cramer 1826; Harper 1834). Others reasoned that encouraging enslaved people to produce their own food created "an interest in" their "home" that kept them from seeking their freedom, since "no negro with a well stocked poultry house, [and] a small crop advancing… which he calculates soon to enjoy, will ever run away" (R. King 1829, 346; J. H. Turner 1842, 129; also see Virginia Free Press 1835).

Capturing these acts of redress also perpetuated enslavers' definition of the enslaved as people who could subsist on meager amounts of cornmeal and salted pork. Again, this was not enough food so many enslaved people grew, gathered, raised, and hunted in what little time they had. Enslavers captured this sated hunger, using it as evidence that issued rations were adequate (A Virginian 1849; Gooch 1833, 139). We can see this in Pauling's work, where three pages before declaring it "improvident" for enslaved people not to supplement their rations he insisted that "the slave is entitled to an abundance of good plain food" (Pauling 1836, 180, 183). But if these women and men ended up getting an abundance of food, it could not have been from their rations, or they would not have needed to contribute food from their "personal stores." Logical slippages like this are what allowed enslavers to define Black Southerners as differently human and to deny the hunger imposed on them.

Augusta County enslaver Henry Jones considered it "a good custom to… allow" enslaved people "to cultivate an acre or two of corn" for their own (Simmons and Sorrells 2000, 177),

while the Hites encouraged enslaved people at Belle Grove to raise poultry (see below). In Rockingham County, Jenny Buchannan (Still 1872a) recalled that her enslaver "allowed his slaves" the "privilege" of "rais[ing] fowl and hogs," although after he died, her next enslaver "stopped all hands from raising chickens, pigs, etc. He don't like to see them hold up their heads above their shoulders." This suggests that Valley enslavers implemented the recommended ways of capturing the work enslaved people put into redressing the hunger brought on by inadequate rations. Therefore, the extraordinary things enslaved Shenandoahans did to provide enough food for themselves and their families, and to redefine themselves as people who could not survive on cornmeal and salted pork alone, did not produce resistive effects that ate away at the institution of slavery (contra McKee 1999; Twitty 2017, 269). Bringing chickens and gardens into enslaving assemblages reterritorialized them and recoded how existing components interacted, creating "shoals" that disrupted how enslavers' definitions of enslaved people's humanities circulated throughout the Valley (T. L. King 2019). But the ontological plasticity of these assemblages and the forms of humanity they generated ensured that the broad contours of enslaving assemblages continued to be recited (Z. I. Jackson 2020, 10; also see Hartman 1997). Enslavers reterritorialized and recoded acts that redressed hunger, finding new handholds amid the frictions introduced by enslaved people to perversely transform the multi-species assemblages that redress hunger into practices that also reproduced slavery.

Extra Food

Enslaved people put tremendous effort into feeding themselves and their families. While they could only garden, hunt, fish, gather wild plants, and tend to their poultry at night or on Sundays, many acquired more food than they needed. When this happened, they often sold their surplus to their enslavers, local merchants, or other White people, which was common practice in

Table 8. Enslaver's estimates of the amount and value of food grown, gathered, and hunted by people enslaved on his Virginia farm in eastern Virginia, 1837. Data from Galen (1837).

Grown		***Amount***	***Value***	**Gathered**		***Amount***	***Value***
Starches	Corn	7.5 Barrels	$37.50	*Nuts*	Walnuts	2 Bushels	$2.00
	Potatoes	3 Bushels	$3.00	*Fruit*	Persimmons	Not Listed	Not Listed
	Sorghum	Not Listed	Not Listed				
Vegetables	Cabbage	150 Heads	$9.00	**Hunted**			
	Cucumbers	72	$1.50	*Trapped*	Rabbits	36	$4.50
	Onions	1 Bushel	$1.00				
	Pumpkins	Not Listed	Not Listed	**Raised**			
	Red Pepper	Not Listed	Not Listed		None Mentioned		
Fruit	Melons	100	$12.50				
Other	Peanuts	Not Listed	Not Listed				
	Grass Nuts	Not Listed	Not Listed				

Virginia (e.g., Heath 2004; Samford 2004; Schlotterbeck 1991). Enslavers noted that this was an important source of money for enslaved Virginians. One enslaver calculated the total value of the food grown, gathered, and hunted by enslaved people at his Virginia farm to be at least $73.50 in 1837 ($1,994 in 2020, Table 8), but another suggested that enslaved people ate most of this, selling only $5 to $30 worth of produce a year (Galen 1837, 577; Pauling 1836, 181). The ability to sell food depended on their families' needs and enslaved people with younger children were less likely to have extra food (Heath 2004).

When enslaved Shenandoahans managed to sell food, they impacted the local economy. Edward Sperry, a merchant in Middletown, bought $355.12 worth of corn and pork from enslaved Shenandoahans in 1838 ($9,937 in 2020) (Sperry 1839). This only made up 1% of all the foodstuffs Sperry bought, but enslaved people sold 23.7% of the corn he purchased while making up 22.6% of the 53 corn sellers.[61] In other words, enslaved people could make the same types of contributions to the local economy as White farmers when selling corn.

[61] Sperry paid the same price per bushel of shelled corn (around $2) to enslaved and White sellers but paid enslaved sellers around twice as much per pound of cornmeal ($0.025 and $0.011, respectively). If we adjust the price of cornmeal sold by enslaved people down to $0.011, they still account for 21.8% of the total corn sales.

Table 9. Poultry Bought by Isaac Hite, 1835. Data from (I. Hite 1847, 192).

10 May 1835	Old Frank	12 Chickens	¢78
	Shadrack	6 Chickens	¢39
	Nancy	4 Chickens	¢26
	Sam	4 Chickens	¢26
	Sally	5 Chickens	¢32.5
	Fanny	6 Chickens	¢39
1 September 1835	Not Listed	4 Chickens	¢26
	Not Listed	4 Ducks	¢80
	Not Listed	1 Tray	¢33.66

Enslaved people at Belle Grove may have sold some of the corn they grew. Valley merchants also bought potatoes, sweet potatoes, venison, and rabbit meat (e.g., Milton 1849; Griffith 1862; Sperry 1839), any of which the inhabitants of Quarter Site B could have sold. The best evidence we have for enslaved people selling extra food comes from poultry. Archival records show that the Hites bought chickens, ducks, and "trays" from the women and men they enslaved (Table 9). The faunal remains also indicate that the enslaved inhabitants of Quarter Site B sold poultry. Katelynn Bajorek (In Press) identified a variety of eggshells from the root cellar (Feature 3), with the most common species being chicken and duck (Table 10). Most of the chicken and duck shells are hatched (68.18% and 71.84%, respectively), indicating that while enslaved people cooked and ate eggs to deal with the limited rations issued to them, most of the eggs were either sold or hatched so they could be raised for meat (Lamzik 2013; L. A. Lee 2016).[62] Scott Oliver has identified multiple chicken bones in the root cellar fill, but he has not identified any duck bones. In 1835 the Hites paid enslaved people $0.20 for whole ducks and only $0.065 for whole chickens ($5.88 and $2.06 in 2020, respectively). And in 1850 the Homer and Nelson Store in Back Creek paid $0.16 for whole ducks and $0.125 for whole

[62] Unhatched eggs are those cracked open before they hatch. With domestic poultry, this is usually from people eating eggs.

Table 10. Results of eggshell analysis from Early Root Cellar (Feature 3). Data from Bajorek (In Press).

Species	Hatched	Not Hatched	Indeterminate	Total
Chicken	45	19	2	66
Chicken or Turkey	1	0	0	1
Duck	199	77	1	277
Duck or Turkey	1	1	4	6
Turkey	0	5	0	5
Goose	0	1	0	1
Goose or Guinea Fowl	3	1	0	4
Guinea Fowl	2	6	0	8
Indeterminate	1	5	1	7

chickens ($5.31 and $4.31 in 2020, respectively) (Homer and Nelson 1851, 185, 260).[63] Based on this it seems that enslaved people at Quarter site B ate chickens more often than the higher-value ducks, preferring to sell the latter when they could avoid eating them. Selling extra food was not the only way enslaved Shenandoahans participated in the local economy. Some sold rags and firewood, or homemade baskets and brooms (Milton 1849, 240; Gore 1860, 117; Griffith 1862, 1860:4; Page News & Courier 1932). Others, including Betty, Nancy, and Truelove at Belle Grove, worked at night for their enslavers (I. Hite 1847, 175–76). Still others practiced various trades in their off hours (Milton 1849, 15; Southern Claims Commission 1878). But selling extra food was the most common way enslaved Shenandoahan seemed to have made money, with foodstuff accounting for 90% of the items enslaved people sold in the merchants' ledgers used in this study (also see A. S. Martin 2008, 174). In other words, the multi-species assemblages mobilized to sate hunger and redefine enslaved humanities contributed to enslaved people's ability to participate in local economies. This is not to argue that hunger and the need to redress it were the sole causes of enslaved people's participation in local economies, but rather that to stress that hunger was an important part of these assemblages. Without hunger and

[63] Chicken prices vary widely in the ledgers, so I cannot determine if Hite paid below market price for chickens.

attempts to redress it, the actions of enslaved consumers discussed in Chapters 7, 8, and 9 would have played out differently.

Chapter 7: Cities, Towns, and Country Stores

After 26 years of being enslaved, John Spratley sought his freedom from Frederick County in July 1819 (M. Cartmell 1821). We know little about Spratley's life before 1819 aside from the fact that he was literate, "tolerably well informed," and, despite being enslaved "five miles" southwest of Winchester, he was "well known" in the city, "having attended market there for nearly three years" (Figure 23). Spratley's routine excursions to Winchester highlight our need to focus on the trips enslaved Shenandoahans made to sell, buy, and trade for commodities, and how these travels shaped enslaved life, providing connections and information that may have helped Spratley in his bid for freedom.

Archaeologists routinely study enslaved people's consumption practices (e.g., Bates 2016; 2017; Farnsworth 1996; Galke 2009; Galle 2010; 2011; 2017; Gibson and Kelly 2019; Heath 1999; Reeves 2015a; Samford 2007; Schweickart 2019; Symanski 2012; Wilkie 2000b; Wilkie and Farnsworth 1999; 2005). Yet our efforts often remain "single-sited," unable to, or uninterested in, locating our work in the plantations where we dig up consumer goods *and* in the commercial venues commodities came from (Hauser 2008, 67). As Mark Hauser (2007, 292–93; 2008, 67) argues, we need multi-sited research that includes "set-apart places like" quartering sites "and market[s]" (also see C. R. Cobb and DePratter 2012; Hauser 2009a; Marcus 1998; Ryzewski 2012). Several studies have traveled with enslaved people to cities, towns, and country stores to study the social dynamics that played out in these places (e.g., Bloch and Agbe-Davies 2017; Hauser 2007; 2009b; 2011; Heath 2004; Schwalbe 2020; Samford 2004). But they have not addressed how the power wielded by enslavers affected consumption practices, largely

Figure 23. Winchester market house frequented by John Spratley, c. 1864. Image from Taylor (1989, 163).

because these studies treat restrictions on enslaved people's ability to sell, buy, and trade for commodities as background information and not something we can systematically assess with archaeological data (e.g., Hauser 2008; L. A. Lee 2012; 2016; 2017). I only know of two exceptions to this: Theresa Singleton's (2015b, 146, 180–81) suggestion that a large wall surrounding a Cuban quartering site limited enslaved people's ability "to engage in trade," possibly explaining a paucity of consumer goods found at the site, and Kevin Fogel's (2019) study of how enslaved consumers in South Carolina overcame restrictions enslaved placed on them. If we want to keep mapping out the poetics of enslaved people's consumption practices, we need to do a better job of addressing how restrictions affected enslaved people's ability to acquire commodities (Singleton 2015b, 148).

This chapter uses ceramics and merchants' ledgers to show that enslaved Shenandoahans' access to cities, towns, and country stores became increasingly restricted throughout the 19th century. Specifically, we see that over time, enslaved people made up a smaller percentage of the customers in the ledgers, acquired imported ceramics less often, and bought locally-made vessels at fewer places. This fits with historical documents that show enslavers increasingly worrying

about and trying to control enslaved people's consumption practices, suggesting that restrictions on enslaved Shenandoahans' ability to travel to cities, towns, and country stores affected their ability to acquire consumer goods.

Recognizing this is important for rethinking slavery in the Shenandoah Valley. Like the archaeological studies Hauser critiques, histories of Valley slavery are generally single-sited, focusing on the properties where Shenandoahans were enslaved (e.g., Keller 2000; Koons 2000a; Simmons 1997; Simmons and Sorrells 2000). The few works that look beyond these estates focus on enslavers instead of the enslaved (but see Noyalas 2021). As a result, they create rigid borders that demarcate sites of slavery (plantations, farmsteads, etc.). But such hard and fast boundaries like this never existed except in the imaginations of enslavers, who consider their farmsteads and plantations to be self-contained and self-sufficient (Glissant 1997, 67). People, animals, and things constantly moved through these ever-porous boundaries (e.g., Baker 1810; Baylor 1833; Beeler 1818; H. T. M. Briscoe 1833; I. Hite 1817a; 1817b; W. Lee 1832), and not talking about these movements reiterates enslavers' fantasies instead of attending to the historical realities of Valley slavery. This is especially important when thinking about how enslaving assemblages came to repeat in the Valley, because these did not just rely on interactions between people, things, and discourses within plantations, but also on the actions of (often non-enslaving) White Shenandoahans living elsewhere.

"Passing the Day… In Intemperance and Immorality"

Acquiring commodities from cities, towns, and country stores allowed enslaved people to build lives for themselves. Enslavers knew this and were deeply ambivalent about these practices (e.g., Gooch 1833; Hill Edwards 2021; K. M. Hilliard 2014; Pauling 1836; Southern Planter 1856; J. H. Turner 1842; Winchester Republican 1831; Virginia Free Press 1835). On the one

hand, enslavers tried to reassemble enslaved people's needs and desires for consumer goods with practices and discourses that could perpetuate slavery (Hill Edwards 2021; K. M. Hilliard 2014). On the other hand, enslaved people could reterritorialize and recode these carefully ordered compositions, altering how enslaving assemblages repeated across time and space. As a result, enslavers saw regulating enslaved people's access to cities, towns, and country stores as a struggle to create order from the (potentially) chaotic effects of enslaved people's consumption practices (also see Hauser 2008, 39–66; Hill Edwards 2021, 31, 158, 160; Lockley 2000, 33; Olwell 1996). And the ontological politics of enslaved life created the grounds upon which this struggle was waged.

Enslaving assemblages operated, in part, by continually arranging and rearranging Black women, children, and men to perpetuate the power and profit of slavery, which we have discussed before as fungibility (Hartman 1997; T. L. King 2016; 2019; Snorton 2017; Omolade 1983; Spillers 1987). Tiffany King (2019) and Sylvia Wynter (1984) argue that this constant (re)assembling of Black flesh (sensu Spillers 1987) to serve White interests led enslavers to see Blackness as chaotic and unstable. Riley Snorton (2017) further argues that this constant shifting and rearranging created an ever-present potential for enslaved people to exploit gaps in enslaving assemblages (Glissant 1997, 138–39). For enslavers, this meant that enslaved people could, at any time, decompose the carefully arranged political economies of slavery (T. L. King 2019). By contrast, enslavers saw themselves as inhabiting a rational way of being human, a *homo rationalius* that they performatively enacted by ordering the perceived disorder of Blackness, reterritorializing and recoding the lives of enslaved people to perpetuate enslaving assemblages (Kennedy 1853, 310; T. L. King 2019, 108–10; Wynter 2003; also see Dawdy 2008, 9; Reilly 2016). This meant that enslavers' anxieties about the disruptive effects of enslaved people's

participation in local economies were not just concerns over consumption practices, but an ontological politics waged over the definition of White and enslaved humanities.

These struggles started in Virginia in the 18th century, but our first sign of how they may have operated in the Shenandoah Valley comes from a 1792 state law that criminalized "buy[ing] or sell[ing]… any commodity" from/to enslaved people without their enslaver's consent (Guild 1969, 66). White Virginians who did so had to pay the enslaver "four times the value of the thing bought or sold" *and* were either fined $20 ($539 in 2020) or received 39 lashes on their "bare back." Valley enslavers eagerly took to the law, running advertisements in newspapers informing the public that they would not give consent to anyone "dealing with" the women and men they enslaved as early as 1808 (S. Thompson 1808). In 1810-1818, 11 bans were published in the *Farmers' Repository* (Baker 1810; Beeler 1818; Brinton 1816; Bryan 1811; Dandridge 1817; T. Davenport 1812; Gibbons 1816; Hammond 1810; W. Lee 1813; G. Moore 1817; H. S. Turner 1810). Some bans targeted specific enslaved people (Conrad 1820; Heterick 1820; S. Thompson 1808), or the sale of alcohol (Hammond 1810), but most applied to anything bought or sold by everyone the advertiser enslaved. These were not idle threats. In 1809, four prominent Jefferson County men were charged with buying fish and potatoes from Joshua, a man enslaved by Nathaniel Craghil (G. Hite 1809). The reasons for these bans are rarely mentioned but some were clearly punishments, as one was enacted because enslaved people were selling "fruit and vegetables, but especially Asparagus from my garden… to certain persons in Charles-town" (W. Lee 1813). However, another was issued during a dispute over the ownership of a group of enslaved people (Henry 1826; H. Vanmeter 1826; S. Vanmeter 1826), with the bans being a way for two enslavers to exert their claim to the enslaved people in question. We can see these bans as enslavers perversely reterritorializing/recoding enslaved people's consumption practices,

turning these into actions that reproduced slavery. By enforcing these bans, enslavers coerced merchants and other White Shenandoahans into acting in certain ways that allowed enslaving assemblages to repeat across time and space.

From what I can tell, White Shenandoahans did not *explicitly* define enslaved people's consumption practices as chaotic until the 1820s. In 1822 Winchester introduced new laws for "the preservation of good order on the Sabbath, and for the suppression of other disorderly conduct of Slaves," which criminalized enslaved people "profan[ing] the Sabbath" and "loiter[ing]" near "Tiping [sic] Houses, or other disorderly Houses" after 10 p.m. (Winchester Gazette 1822). However, this did not assuage enslaver's concerns about the disorderly effects of enslaved people's consumption practices, as four years later the Agricultural Society of the Valley complained about enslaved people "visiting Winchester on the Sabbath and passing the day (unknown to their masters) in intemperance and immorality" (Barton and Cramer 1826).

Concerns about enslaved people's consumption practices increased in the 1830s and 1840s. Agricultural journals that circulated in the Valley routinely printed condemnations of enslaved people stealing (Gooch 1833), drinking (American Farmer 1839a; Harper 1834; M 1839; R 1840), and, most scandalously, selling stolen goods to buy alcohol (Archer 1842; Dumpling 1842; Farmers' Register 1842; W. H. Harrison 1840). These sentiments led the state legislature to criminalize enslaved people selling alcohol "near any public assembly" and White Virginians "knowingly receiv[ing]" stolen goods from enslaved people in 1832 (Guild 1969, 108). Two years later, enslaved people were banned from peddling "goods… without a license" (Guild 1969, 109). In 1848, selling "ardent spirits" to enslaved people "without consent of the[ir] master" became illegal with guilty parties fined up to $50 for their first offense ($1,638 in 2020)

(Guild 1969, 166–67). Enslavers who let enslaved people buy alcohol for resale also faced fines (Guild 1969, 167).

I only found two documents showing Valley enslavers actively participating in these discourses: a complaint about enslaved people selling "pillow cases, sheets, linen, &c." to "grog-shops" in Winchester (Winchester Virginian 1830), and a request from Jane Washington (1841) that "constables and other officers… arrest" anyone she enslaved who was "found in Charleston, without a pass." However, new laws passed in the 1850s suggest that concerns about enslaved people's chaotic consumption practices increased throughout the 1830s and 1840s. In 1856 Winchester revised its city ordinances, limiting where enslaved vendors could sell their goods and completely banning enslaved people from buying or selling alcohol within city limits (Common Council 1856, 67, 79). The 1822 prohibition on enslaved people "loitering in or about… disorderly Houses" after 10 p.m. was also expanded to include enslaved people being anywhere outside of their enslaver's dwelling or shop (Common Council 1856, 83–84; Winchester Gazette 1822). Constables who did not enforce this law faced fines. Charlestown and Shepherdstown (Jefferson County) passed similar curfews in 1851 and 1855 (respectively) (Shepherdstown Register 1855a; Spirit of Jefferson 1851). And in 1853 Jefferson County made selling alcohol to enslaved people illegal without their enslaver's "written consent," with guilty parties forced to pay the enslaver "four times the value" of the alcohol (Spirit of Jefferson 1853a).

This suggests that Valley enslavers increasingly saw Blackness as chaotic and disorderly, especially at night or when combined with alcohol. To ensure that this perceived chaos did not disrupt the repetition of enslaving assemblages, and to performatively define themselves as rational humans capable of mastering the world around them, enslavers attempted to order this

perceived chaos by restricting enslaved people's consumption practices. Similar restrictions on White Shenandoahans loitering in Winchester or on the sale/consumption of alcohol to/by White men were never passed (e.g., Common Council 1856), indicating that enslavers viewed this potential chaos as something tied to Blackness. Furthermore, Valley enslavers were not just following state-wide trends but actively participating in broader discourses on how to manage Blackness, as Winchester banned all sales of alcohol to enslaved people before the state legislature did so in 1860 (Guild 1969, 169). White Shenandoahans even petitioned the state legislature in 1860 to criminalize the "immoral practice" of enslaved people owning and raising pigs, since enslaved Shenandoahans were (supposedly) stealing food to feed these animals, and this supply of meat made it "impossible… to prove that bacon found in their possession is stolen property" (Noyalas 2021, 26–27). To enact these restrictions, enslavers continued to bring non-enslavers into enslaving assemblages, threatening merchants, tavern owners, and city constables with financial ruin if they sold a pint of whiskey to an enslaved man or did not jail an enslaved woman hurrying home five minutes after curfew. To see how this affected enslaved life in the Shenandoah Valley we need to historicize trends in enslaved people's consumption practices to see if they map onto this narrative of increased restrictions throughout the 19th century.

Merchants' Ledgers

Through the scrawled entries [in merchants' ledgers], images of people on the move emerge – crossing streams, riding down mountain passes, walking down the streets and roads, alone or in groups.
(A. S. Martin 2008, 69)

Merchants kept fastidious records of the things they bought and sold, providing intimate windows into the activities that took place within stores (Fennell 2017; K. M. Hilliard 2014; A. S. Martin 2008). Some Valley merchants kept separate books for Black customers (e.g., Frame

1812), but many included enslaved people in their main ledgers.[64] Most enslaved people did not have their own accounts but bought and sold things on the accounts of White Shenandoahans (Heath 2004, 27–28). However, we can distinguish things bought/sold by enslaved people from those bought/sold by the account holder (A. S. Martin 2008, 69). For instance, when Joseph Davis bought coffee on his account at the Homer and Nelson Store in Back Creek (Frederick County), the ledger says "Joseph Davis, per self" (e.g., Homer and Nelson 1851, 28). When Davis's wife bought sugar on his account, it says "Joseph Davis, per wife" (Homer and Nelson 1851, 158). And when an enslaved man bought nails and salt for himself on this account, the ledger says "Joseph Davis, per boy" (Homer and Nelson 1851, 40, 53). When enslaved people picked up items at stores for their enslavers it was noted as "per self" followed by a note that an enslaved person made the transaction, indicating that entries stating "per boy" or something to that effect are instances of enslaved people buying commodities for themselves (also see Heath 2004; A. S. Martin 2008).

All this is to say that we can use entries in Valley ledgers to trace out enslaved people's consumption practices. To do this I looked at 12 ledgers, the 1795 and 1796-1797 ledgers from an unnamed store in Charlestown (Account Book 1 1795; Account Book 2 1797); the 1799-1800 ledger from an unnamed store in Winchester (Account Book 1800); the 1806 ledger from an unnamed store in Middletown (Account Book 1806); the 1838-1839 ledger from Edward Sperry's Middletown store (Sperry 1839) (Figure 24); the 1841-1842 ledger from Clark Cather's Winchester store (Cather 1882);[65] the 1842-1849 ledger from an unknown store in Winchester

[64] Frame's black ledger is not in the archives I initially used. I only became aware of it in December 2020 and was not able to include it in my research because I could not safely access the archive during the Coronavirus pandemic
[65] This ledger has miscellaneous entries running through the 1880s, but I focused on the entries form 1841-1842 as these are the most pertinent to my research.

Figure 24. Sketch of Main Street, Middletown, c. 1864. Edward Sperry's store is depicted on the left. Image from Taylor (1989, 126).

that relocated to Strasburg in 1845 (Milton 1849);[66] the 1849-1851 and 1856-1858 ledgers for Homer and Nelson's Back Creek store (Homer and Nelson 1851; 1858); the 1858-1860 ledger for Mahone Gore's Back Creek store (Gore 1860); the 1860-1861 ledger for the Baker Store in Mount Olive (Baker Store 1861); and the 1860-1862 ledger from James Griffith's White Hall store (Griffith 1862). From these, I transcribed 531 transactions involving enslaved people (Appendix E, Table 1).[67] I identified enslaved consumers as people listed as "boy," "girl," "negro," "black," and/or something like "Page's Martin" while buying or selling items on another person's account.[68] I considered account holders to be free (either White or Free Black) unless other information suggested that they were enslaved.

[66] This book was incorrectly identified by archival staff as a personal ledger used by John Cooper and David Davis between 1808 and 1882 and is referred to in the archives as the Cooper/Davis Ledger.

[67] I define a transaction as each time a person bought goods from or sold goods to a merchant, regardless of how many or what kind of items they bought/sold at that time.

[68] I excluded four of transactions from my analysis. All are large sales of wheat/flour made by Black men ("Negro Charles," "Negro Daniel," "Negro John," and "Negro [Illegible]") on White men's accounts (Sperry 1839, 72, 116, 126, 151). These sales are more in line with the products sold by free farmers than the enslaved people in the ledger, who primarily sold corn/pork. In two instance, Sperry notes "paid to Negro" by the account holder (Sperry 1839, 30, 32), so it is possible that the four men listed above were selling grain on their enslaver's behalf.

Table 11. Merchants' ledgers used in this study.

Ledger	Location	All Transactions	Enslaved Transactions	Percent Enslaved
Charlestown 1795	Charlestown, Jefferson County	2169	57	2.62%
Charlestown 1799-1797	Charlestown, Jefferson County	4229	199	4.70%
Winchester 1799-1800	Winchester, Frederick County	1695	73	4.30%
Middletown 1806	Middletown, Frederick County	777	9	1.15%
Edward Sperry 1838-1839	Middletown, Frederick County	593	17	2.86%
Clark Cather 1841-1842	Winchester, Frederick County	983	10	1.01%
Winchester 1842-1845	Winchester, Frederick County	462	15	3.24%
Strasburg 1845-1849	Strasburg, Frederick County	5473	81	1.47%
Homer and Nelson, 1849-1851	Back Creek, Frederick County	3850	4	0.10%
Homer and Nelson, 1856-1858	Back Creek, Frederick County	3095	15	0.48%
Mahone Gore, 1858-1860	Back Creek, Frederick County	3090	8	0.25%
Baker Store, 1860-1861	Mt. Olive, Shenandoah County	1416	5	0.35%
James Griffith, 1860-1862	White Hall, Frederick County	2998	38	1.26%

The earlier ledgers (1795-1806) contain 338 transactions by enslaved people, which make up 3.81% of all transactions in these books (n=8,870) (Table 11). We do see variation within these ledgers, with a higher percentage of enslaved customers in Winchester (4.30%) and Charlestown (4.00%) than in Middletown (1.15%). Middletown was relatively small, with only 34 households in 1810 (US Bureau of the Census 1810a). Three of the five accounts enslaved people used belong to men living in or near Middletown, suggesting that enslaved people who bought goods there were usually enslaved nearby. Meanwhile, the larger percentage of enslaved people in Charlestown and Winchester suggests that they predominantly went to larger municipalities to trade.

The later ledgers (1838-1862) contain 193 transactions by enslaved people, which make up 0.87% of all transactions in these books (n=21,960). Again, there are variations between the ledgers, and these can be broadly grouped by location. Winchester has the highest percentage of enslaved consumers (1.73%), although there are differences between the two Winchester ledgers, with a higher percentage of enslaved customers at the unnamed store (3.24%) than Cather's store

Table 12. Transactions involving enslaved people, by day of the week. The general lack of transactions on Sunday is a result of these stores rarely doing business on Sundays.

Ledgers	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Winchester 1799-1800 (n=73)	16.44%	17.81%	15.07%	19.18%	13.70%	17.81%	0.00%
Charlestown 1795-1797 (n=256)	16.80%	14.84%	21.48%	13.67%	15.63%	16.80%	0.78%
Winchester 1841-1845 (n=25)	4.00%	20.00%	24.00%	28.00%	16.00%	8.00%	0.00%
Strasburg 1845-1849 (n=81)	11.11%	14.81%	12.35%	9.88%	12.35%	39.51%	0.00%
Middletown 1838-1839 (n=17)	0.00%	0.00%	5.88%	64.71%	11.76%	17.65%	0.00%
Back Creek 1849-1860 (n=27)	11.11%	11.11%	3.70%	25.93%	22.22%	25.93%	0.00%
White Hall 1860-1862 (n=38)	26.32%	13.16%	7.89%	15.79%	18.42%	18.42%	0.00%

(1.01%). Enslaved people make up 1.47% of transactions in the market town of Strasburg. Finally, country stores have the smallest percentage of enslaved customers, who account for 0.026% of transactions in Back Creek, 0.035% in Mount Olive, and 1.26% in White Hall. Sperry's ledger is an outlier, with enslaved people conducting 2.86% of transactions. However, all 17 transactions involve the sale of corn and pork, probably because people enslaved near Middletown sold these bulky items locally instead of hauling them to stores further away.

There are two major trends in this data. First, enslaved people appear less frequently in the later ledgers, decreasing from 4.30% to 1.73% of transactions in Winchester, 4.00% to 1.42% in market towns, and 1.15% to 0.047% in small towns and country stores. Between 1800 and 1850, the percentage of enslaved people in the northern Valley increased from 17.20% to 20.16%, so demographic shifts cannot explain this trend (see Figure 2). Winchester is the only location included in the early and later ledgers, and stores from the 1840s show a drop in the percentage of enslaved transactions suggesting that this trend is not (solely) because different towns are included in the datasets. Therefore, the decreased presence of enslaved consumers in local ledgers is a meaningful trend that tells us something about enslaved life in the Valley. Several factors are probably involved here, but enslavers increasingly regulating enslaved people's consumption practices are contributing to this trend.

We can see this by looking at the days of the week enslaved people show up in the ledgers. In the earlier ledgers from Winchester and Charlestown, transactions involving enslaved people occur throughout the week except for a slight increase in Charlestown on Wednesdays (Table 12). Enslaved people's transactions in the later ledgers, however, are not as spaced out, with 52% of Winchester transactions occurring on Wednesdays and Thursdays, and 39.51% of transactions in Strasburg happening on Saturdays. The later ledgers from Middletown, Back Creek, and White Hall also show enslaved people predominantly trading with merchants on a select few days.[69] The Griffith ledger, which has the most regularly spaced out transactions of the post-1830 country stores, also has the highest percentage of enslaved transactions, suggesting that there is a correlation between when enslaved people could go to stores and the relative amount of enslaved customers. Enslaved people labored throughout the week, so unless they went to stores at night, people like Sam and Ambrose needed permission from their enslaver to sell corn at Sperry's store on Thursday 10 May 1838 (Sperry 1839, 7; also see K. M. Hilliard 2014, 39). Enslaved consumers do not typically show up at the end of the entries for a particular day, suggesting that they were not primarily doing business at night. Therefore, choices enslavers made about when enslaved people could go to cities, towns, and country stores are part of the poetics of enslaved people's consumption practices. And by the 1830s, it seems that Valley enslavers gave this permission less often, contributing to the overall decrease in enslaved customers in the later ledgers.

The second trend is a higher percentage of enslaved people in ledgers from Winchester and market towns compared to smaller towns or country stores. We see this in both sets of ledgers. With biweekly markets and multiple stores, Winchester, Charlestown, and Strasburg

[69] I do not include the Baker Store or 1806 Middletown ledgers here because of the small number of transactions involving enslaved people in these books (five and nine, respectively).

provided more options than small towns. They were also important places for people enslaved on disparate farms/plantations to socialize, allowing some, like John Spratly, to become "well known" (M. Cartmell 1821; Heath 2004, 28; Hill Edwards 2021, 28). Enslaved Shenandoahan's continued desire to go to market towns and Winchester – and to use these as places to build social lives beyond the narrow confines of the plantation – combined with discourses about Blackness-as-chaos to rub against enslavers' desire to narrate themselves as fully human *homo rationalis* by organizing the world in ways they understood to be orderly. This friction did not decompose enslaving assemblages but led enslavers to introduce new practices and discourses to ensure enslaving assemblages repeated in particular ways across time and space. These new components, in turn, made it harder for enslaved Shenandoahans to do some of the things that redressed their pain and suffering (sensu Hartman 1997) like buying castor oil in Back Creek for a sick child, acquiring sugar or molasses in Winchester to make up for never-quite-adequate food rations, or selling eggs and butter in Strasburg to be able to afford these things (Milton 1849, 12, 28, 260, 399; Homer and Nelson 1851, 66).

Just using ledgers to discuss this aspect of enslaved life in the Valley, however, is tenuous. Restricting enslaved people's ability to travel to, and trade with merchants in, cities, towns, and country stores meant criminalizing certain types of transactions (like buying alcohol). Since ledgers could be used as evidence in court cases (A. S. Martin 2008), illegal trading was not systematically recorded (K. M. Hilliard 2014, 77). We could use court documents to assess gaps in the ledgers, finding cases where merchants or peddlers were tried for illegally trading with enslaved people. But this only tells us about those (allegedly) caught doing illegal activities. Or, perhaps more productively, we could turn to archaeological materials, particularly the ceramics from Belle Grove's Quarter Site B.

Imported Ceramics

The ceramics recovered from enslaved quartering sites predominantly came from enslaved people acquiring vessels on their own or getting them second-hand from their enslavers (e.g., Bloch and Agbe-Davies 2017, 126; Galle 2010; Singleton 2015b, 137).[70] Peddlers operated throughout the Valley, providing Shenandoahans an alternative to traveling to towns or country stores to buy things like tin cups, shears, vests, and handkerchiefs (Beeman 1976; Pitman n.d., 9–12; Rainer 2000; Veney 1889, 18). But we have no record of peddlers selling ceramics, probably because they were breakable, and carting them around might result in unsellable broken vessels. This means that ceramics enslaved people acquired on their own are traces (sensu Joyce 2006; Trouillot 1995) of their movements to cities, towns, and country stores since these are the only places where they could have gotten these items. To identify these traces at Quarter Site B we just need to determine which vessels enslaved people got on their own and which they got second-hand from the Hites. One way of doing this is comparing decorative motifs on imported vessels (predominantly porcelain and refined earthenware) from the manor house grounds and Quarter Site B, using the assumption that Quarter Site B vessels with motifs found at the manor house likely came second-hand from the manor house while vessels from Quarter Site B with motifs that do not overlap were probably acquired by enslaved people (also see Kelso 1997, 90).

Several areas around the manor house have been excavated, including Old Hall (Belle Grove's first manor house), several outbuildings, and workspaces associated with these structures. Three projects in particular – the 1972-1976 excavations of the grounds west of the

[70] Some studies suggest that enslavers issued ceramics to enslaved Southerners (e.g., S. M. Moore 1985; Otto 1984), but do not provide evidence for this. In fact, Solomon Northup (1853, 194) wrote that while enslaved in Louisiana he was never issued a "dish… nor any other thing in the shape of crockery." Furthermore, a wide variety of forms and decorative techniques and motifs are usually found at quartering sites (e.g., Galle 2010; Reeves 2015a; A. L. Young 2004) making it unlikely that ceramcis from quartering sites were primarily issued as rations. We also recovered at least 104 tea wares from Quarter Stie B (see Chapter 8) and the Hites are unlikely to have issued tea wares to enslaved people, let alone at a scale that can account for the number of tea wares from the site.

manor house (including Old Hall) (Paonessa 1995; Rockwell 1974), the 1984 mitigation-related investigations of the areas west of Old Hall (Verry 1984), and the 1994 excavations of a work area south of Old Hall (Geier 1995; Geier et al. 2008) – provide the most extensive ceramic collections from the manor house grounds, with 2,486 decorative sherds from imported ceramic vessels that likely pre-date 1860. Using a minimum vessel analysis, I identified at least 331 individual vessels from these collections (Appendix E, Table 2). With this completed, I grouped vessels with similar decorative patterns (likely part of the same set) into 272 vessel sets.

I performed the same analyses on the Quarter Site B ceramics, focusing on sherds from units in/around the four middens, the possible house sites southwest (Locus 2, Area 1) and northwest (Locus 2, Area 2) of the 2017-2019 project area, the early root cellar (Feature 3), and the later subfloor pit (Feature 24) and other contexts associated with the destruction of House Site 1. Because sherds from different parts of the site are unlikely to be from the same vessel, I conducted separate minimum vessel counts for each area (Figure 25).[71] Initial analyses suggested that ceramics from the two units in Midden 1's southwestern quadrant were different than the rest of the midden, so I further divided Midden 1 into Midden 1 Main and Midden 1 Southwest. I identified at least 283 vessels (Appendix E, Table 3), which I grouped into 125 vessel sets. Focusing on two types of refined earthenwares – pearlware and whiteware – provides the best way of historicizing comparisons between Quarter Site B and the manor house grounds, as pearlware pre-dates 1830 and whiteware post-dates 1820, and 78.91% of vessels belong to these types. Of the 126 transfer-printed, hand-painted, and edge-decorated pearlware vessels from

[71] Conducting the minimum vessel count in this way might result in some vessels being counted twice, but this is offset our increased ability to see ceramic trends in different parts of the site. Most vessel sets not associated with the manor house (see below) are not found in multiple parts of the site, suggesting that few vessels are being counted twice.

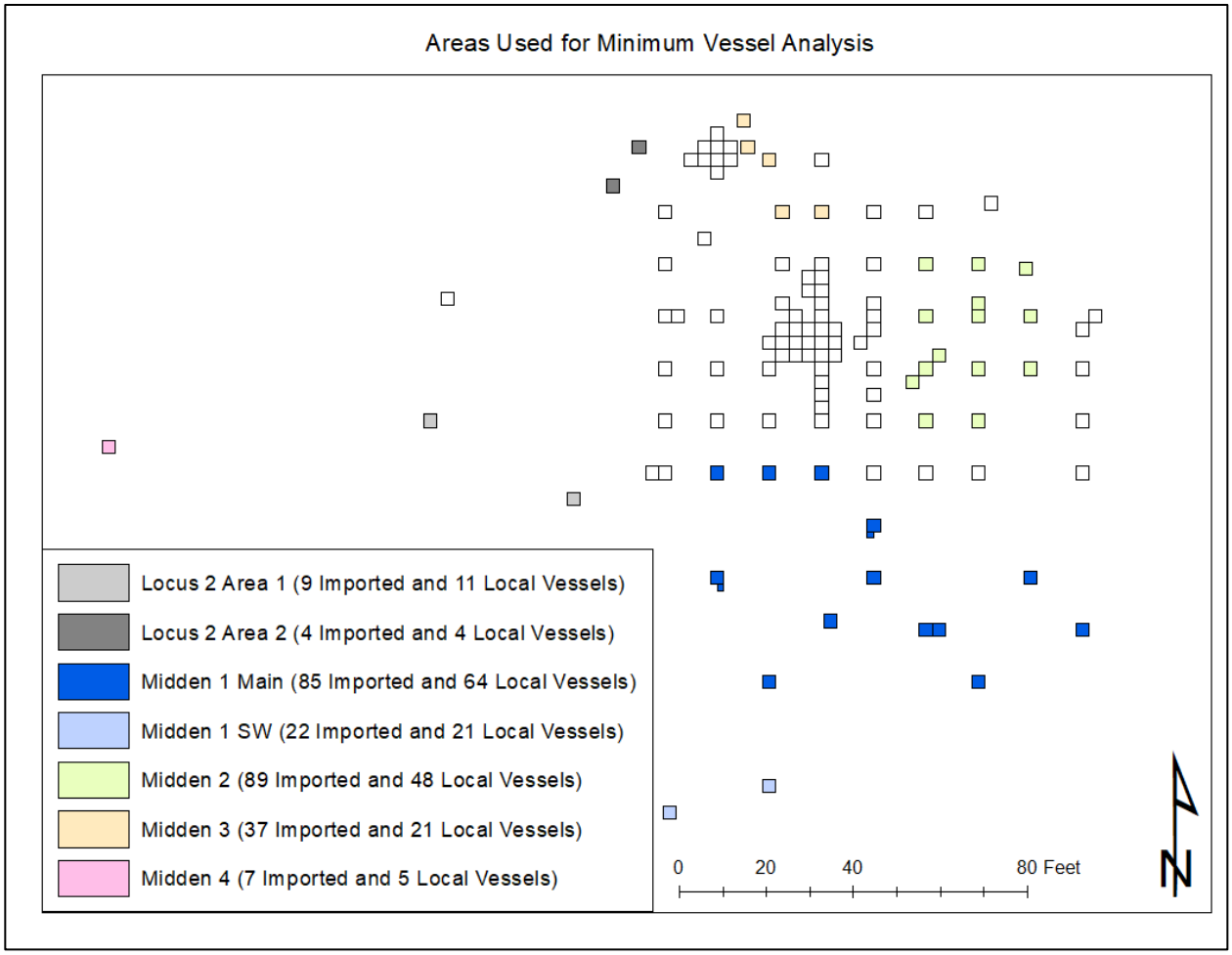

Figure 25. Units Included in each area for the minimum vessel analysis. Root cellar and subfloor pit features not shown.

Quarter Site B that could be placed into vessel sets, 46 (36.50%) are from sets associated with the manor house (Appendix E, Table 4), suggesting that enslaved people at Belle Grove predominantly used pearlware vessels they got from cities, towns, and country stores.[72] Vessels associated with the manor house are found throughout Quarter Site B, but they are not uniformly distributed across the site, suggesting not everyone had equal access to these ceramics and/or some enslaved people preferred acquiring their own vessels (Table 13). The whitewares, however, show a different trend. Of the 40 transfer-printed, hand-painted, and edge-decorated

[72] This analysis does not include dipt or sponge-decorated vessels, as these were not sold in sets.

Table 13. Vessels from different parts of Quarter Site B that belong to sets associated with the manor house ground.

Pearlware Vessels from Sets Associated with the Manor House				
Area	**Transfer-Printed**	**Hand-Painted**	**Edgeware**	**Total**
Midden 1 Main (n=37)	5 (62.5%)	8 (53.33%)	4 (28.57%)	17 (45.94%)
Midden 1 SW (n=10)	1 (33.33)	1 (25%)	0 (0%)	2 (20%)
Midden 2 (n=47)	4 (40%)	5 (29.41%)	8 (40%)	17 (36.17%)
Midden 3 (n=12)	2 (66.66%)	2 (66.66%)	1 (16.66%)	5 (41.66%)
Midden 4 (n=3)	1 (100%)	n/a	0 (0%)	1 (33%)
Locus2 Area1 (n=6)	1 (100%)	2 (66.66%)	0 (0%)	3 (50%)
Locus2 Area2 (n=3)	0 (0%)	1 (100%)	1 (50%)	2 (66.66%)
Whiteware Vessels from Sets Associated with the Manor House				
Area	**Transfer-Printed**	**Hand-Painted**	**Edgeware**	**Total**
Midden 1 Main (n=9)	5 (55.55%)	2 (50%)	2 (100%)	9 (60%)
Midden 1 SW (n=2)	0 (0%)	n/a	n/a	0 (0%)
Midden 2 (n=17)	3 (42.85%)	5 (83.33%)	0 (0%)	8 (47.05%)
Midden 3 (n=3)	1 (50%)	n/a	1 (100%)	2 (66.66%)
Midden 4 (n=0)	n/a	n/a	n/a	n/a
Locus2 Area1 (n=1)	n/a	n/a	1 (100%)	1 (100%)
Locus2 Area2 (n=0)	n/a	n/a	n/a	n/a

whiteware vessels that could be placed into vessel sets, 22 (55.00%) are from sets associated with the manor house. Only Midden 1 Main and Midden 2 had enough vessels to assess the distribution of manor house whitewares throughout the site. In both areas, the percentage of vessels from sets associated with the manor house increased by over 10% compared to the pearlwares (14.06% and 10.88%, respectively), suggesting that the increase in manor house-associated whitewares is not being driven by a shift in one part of the site. At least three factors may have contributed to the increased overlap between the whitewares. First, local merchants may have offered a (relatively) wide selection of pearlwares, but only a limited selection of whitewares, making it more likely that enslaved people and the Hites would independently acquire the same whitewares sets. However, the manor house ceramics show a marked increase

Table 14. Overlapping whiteware vessel sets between various parts of the manor house grounds and Quarter Site B.

	Old Hall	North of Old Hall	South of Old Hall	West of Old Hall
Number of Whiteware Vessel Sets	73	38	24	12
Number of Overlapping Vessel Sets	12	6	4	2
Percentage of Overlapping Vessel Sets	16.44%	15.79%	16.67%	16.67%

in diversity over time, suggesting that merchants offered a wide variety of whitewares.[73] Second, oral histories suggest that enslaved people lived in Old Hall after 1819 (Wootton et al. 1996, 13). Harriet Robinson and other people enslaved at Belle Grove in 1860-1864 likely lived in Old Hall, but we do not know if this practice extends back to the Hite era. If enslaved people lived in Old Hall between 1820 and 1850, the increased overlap between the quarter and manor house ceramics might be from interactions between enslaved people (e.g., Wilkie and Farnsworth 2005; A. L. Young 1997; 2003; 2004). However, sets from Old Hall are as likely to overlap with Quarter Site B as sets from other parts of the manor house grounds (Table 14), suggesting that enslaved people living in Old Hall does not account for the increased overlap. This leaves us with the final possibility, that the increased overlap in whitewares is due to enslaved people increasingly relying on ceramics from the manor house instead of vessels they acquired themselves.

The increased use of ceramics from the manor house could be from several factors. Maybe more children lived at the quarter after 1830, making it less likely that families had extra food to sell (Heath 2004). Maybe the site's residents used more second-hand ceramics so they could spend money on medicine, comfortable shoes, or spices to add new flavors to their often-monotonous diets (Milton 1849, 72, 116, 446, 479, 496). But if we think about the increased reliance on second-hand vessels as a decrease in the number of vessels enslaved people acquired

[73] The Shannon-Weaver diversity index is 1.998 for the manor house pearlwares and 4.212 for the whitewares.

from cities, towns, and country stores, these data tell a similar story to the merchants' ledgers – that by the 1830s, restrictions on enslaved people's consumption practices may have led them to find other sources of ceramics.

Against this backdrop, a colonoware plate (Vessel 6.013) from House Site 1 becomes especially interesting. Colonoware is unglazed coarse earthenware made by enslaved Africans and Native Americans (e.g., C. R. Cobb and DePratter 2012; Ferguson 1992; Hauser and DeCorse 2003; Sattes et al. 2020; Singleton and Brograd 2000). While commonly found in 18th-century quarters, colonoware is less common on 19th-century sites in Virginia (e.g., Galke 2009, 305). The plate is one of two colonoware vessels from Quarter Site B (the other being a pot), which makes sense given that it is a 19th-century site. However, it was not found in earlier deposits, as one might expect from colonoware's 19th-century decline, but in rubble deposited when House Site 1 burned in the late 1840s.[74] Therefore, the plate probably dates to the 1840s-1850s, the same time the cabin's inhabitants were dealing with restrictions on their ability to get imported tablewares from cities, towns, and country stores. This suggests that one of the ways enslaved people at Belle Grove may have responded to increased restrictions on their consumption practices was to turn to colonoware as an alternative to imported tablewares.

Locally-Made Ceramics

Ever in motion, yet connected to particular paces, [clay] both holds geographical memories in its elemental structure and calls forth referential memories through its color, feel between the fingers, and quality of grain. Today's [clays] are yesterday's mountains, coral reefs, and outcroppings of stone. Each grain possesses a geological lineage that links [clay] to a place and its history, and each grain also carries a symbolic association that indexes that history as well. (Agard-Jones 2012, 326)

[74] In this unit the colonoware sherd was found (QB116), the burned debris sat on top of a clearly defined layer of soil that accumulated while the cabin was inhabited, so the colonoware could not have been deposited under the cabin before the fire.

We can use locally-made ceramics to further assess restrictions on enslaved Shenandoahan's consumption practices. These ceramics are especially useful for looking at enslaved people's consumption practices because they are unlikely to have been acquired secondhand from the Hites. They are overwhelmingly (92.59%) utilitarian wares used for making and storing food, and because of this, a chip in a crock or jar would not have led the Hites to discard a vessel in the way that a similar chip in a plate would have lead them to do so. Put another way, if a vessel was chipped to the point where it could no longer be used to make or store food for the Hites, it was probably too damaged for enslaved people to use. Women and men working in the manor house might still have taken a vessel or two home to use them in other ways (see Posnansky 1999), but this cannot account for the sheer number of vessels from Quarter Site B (see below). The Valley had a robust 19th-century ceramic industry (e.g., Comstock 1994a; Fennell 2017; Jolley 2004). A history of this industry is provided in Chapter 9, but for now, it is sufficient to note that with one exception, local potteries were located in cities and towns, and only two towns in the region (Charlestown and Middletown) lacked potteries in 1800-1850 (Comstock 1994a). Some potters in Newtown exported wares to Winchester (Account Book 1800, 23, 37, 47, 106, 115, 123, 131, 137, 151; Park 2001, 12), which was the largest population center and was probably the largest consumer of ceramics in the region, but scant evidence exists for potters marketing their wares outside of the towns they operated in.[75] Transporting ceramics between towns cost time and money, and risked vessels breaking in transit, with Newtown potter John Pitman breaking vessels during 20% of deliveries he made to Winchester (Account Book 1800, 40, 128). Many potters also sold their wares at their workshops

[75]Samuel Snavely (1810) and John Dalrumple and George Crissinger (1812) advertised their wares in the *Farmers Register*, offering credit and "reasonable terms" to merchants and resellers, but it is unclear if they were primarily advertising to the multiple towns or to merchants in Shepherdstown, where bother potteries were located.

(Snavely 1810; Comstock 1994a, 505–7). Of the 5,473 transactions in the 1845-1849 ledger for the unnamed store in Strasburg (Milton 1849), only one includes locally-made ceramics despite four potteries operating in Strasburg, suggesting that much of the -locally-made ceramic trade took place in potteries instead of stores (at least in Strasburg).

Since peddlers did not sell ceramics, Shenandoahans living in the countryside and towns without potters had two sources for locally-made ceramics. They could buy vessels from nearby merchants (who resold locally-made vessels) or they could travel to cities/towns with potters. Most consumers seem to prefer the latter option (e.g., Pitman n.d., 7), which we can see with ledgers from Winchester and several surrounding communities. Only 0.09% of transactions in the Charlestown ledgers (Account Book 1 1795; Account Book 2 1797, 2) and 0.39% of transactions in the 1806 Middletown ledger (Account Book 1806) include locally-made ceramics, compared to 1.88% of transactions in the 1799-1800 Winchester ledger (Account Book 1800). Additionally, many people from Back Creek bought goods from Clark Cather's Winchester store (Cather 1882). When we compare this ledger to the Back Creek ledgers (Gore 1860; Homer and Nelson 1851; 1858), we see that locally-made ceramics are included in 2.63% of transactions in Winchester but only 1.31% of transactions in Back Creek. If this is indicative of consumption practices elsewhere in the Valley, most Shenandoahans bought locally-made ceramics in the municipalities they were made in. By extension, if we can determine where the locally-made vessels from Quarter Site B were made, we can use this data to map out where the site's residents acquired these ceramics. To do this, I used neutron activation analysis (NAA) to source 100 locally-made vessels from Quarter Site B.

Neutron Activation Analysis

Many techniques exist for sourcing ceramics, with NAA and laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS) being among the most common. While LA-ICP-MS has been successfully used in Virginia (Bloch 2015; 2016; Bloch and Agbe-Davies 2017), NAA has not been used to source Virginian ceramics. However, I opted to use NAA for this project because it has several advantages over LA-ICP-MS. NAA is a bulk-sampling technique, simultaneously testing clay and inclusions; LA-ICP-MS, alternatively, lets researchers avoid inclusions by spot testing a sample's clay fraction (Bloch 2015; Stoner and Glascock 2012). However, Wesley Stoner (2016) notes that variations in naturally occurring inclusions, which tend not to be assessed with LA-ICP-MS, can provide important data for sourcing vessels made with similar clays. Shenandoah Valley potters did not temper their vessels (Comstock 1975, 16–17; 1994a, 21), giving NAA an advantage over LA-ICP-MS, since any variations in ceramic bodies should indicate different clay sources and not ceramic recipes. LA-ICP-MS data also have a higher margin of error (Klesner et al. 2019; Stoner 2016; Wallis and Kamenov 2013), making NAA better for assessing subtle geochemical differences within a single region.

Geochemical analyses of ceramic bodies, such as NAA, primarily tell us about the bedrocks that clays weathered out from, geological processes that affected clays after weathering from their parent material, and the types of inclusions held in place by this clay. If clay deposits and/or inclusions found within a study area are homogenous, sourcing pots made from these materials becomes difficult. Luckily, clay deposits in the Shenandoah Valley are geochemically distinctive, and potters in Winchester, Newtown, and Strasburg had access to clay from at least six different geological formations (Rader et al. 1996) (Figure 26).

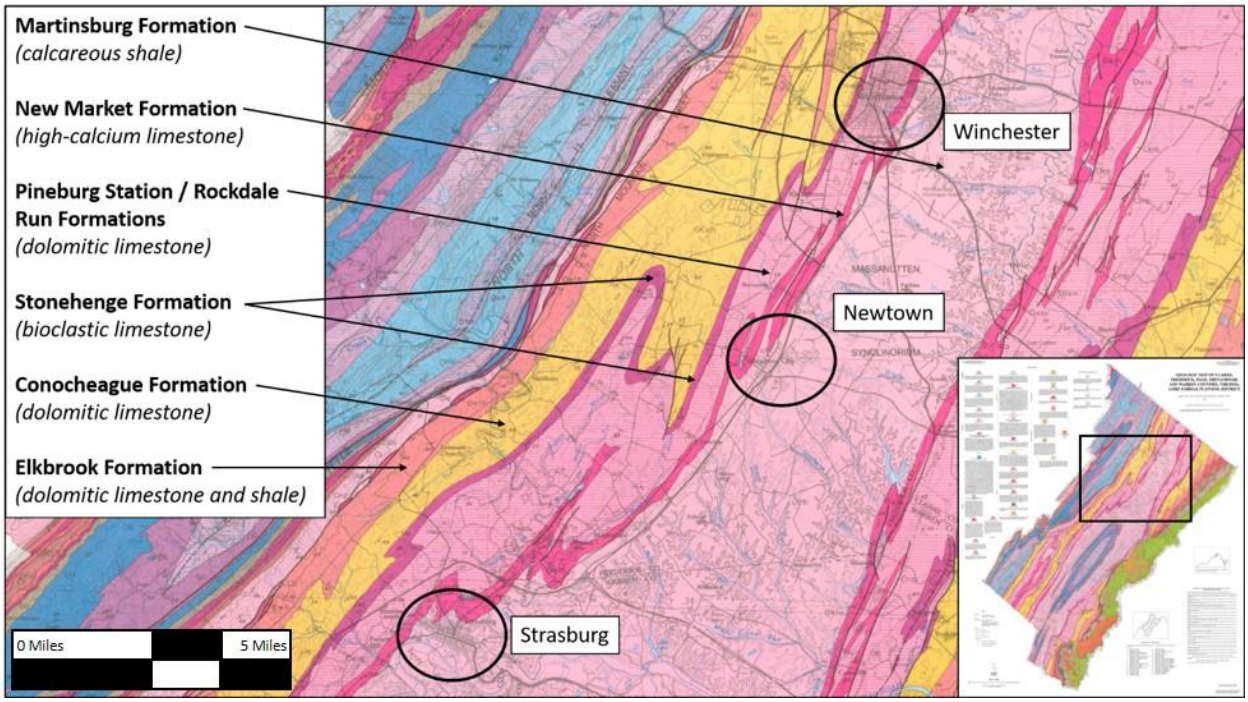

Figure 26. Geological formations in the study area. Image courtesy of the Virginia Department of Mines, Minerals, and Energy.

To determine the elemental signature of clay deposits used by potters working in different towns I analyzed 89 wasters (kiln furniture and vessels that broke during firing) from five potteries in the northern Valley (Figure 27). These samples came from Winchester (n=33), Newtown (modern-day Stephens City, n=36), and Strasburg (n=20). Twelve of the 16 potteries within walking distance of Belle Grove are located in these municipalities (Comstock 1994a). The remaining four potteries are in Woodstock, which I could not include in this study because no collections were available. The first workshop I studied was the Peter Lauck Pottery (1780-1839) in Winchester. Although formal excavations have not been conducted at this site (Jolley 2004, 95), surface collections have recovered hundreds of sherds from Lauck's workshop. The second was the Anthony Bacher Pottery (1862-1889) in Winchester, excavated in 2002 (Espenshade and Kennedy 2002). The third site was the Andrew Pitman Pottery (c. 1782-1838) in Newtown, excavated in 1996-2000 (Park 2001). The fourth was the John Pitman Pottery (1794-1820s) in Newtown, where a waster pile was excavated in 1998 (Pullins and Hatcher

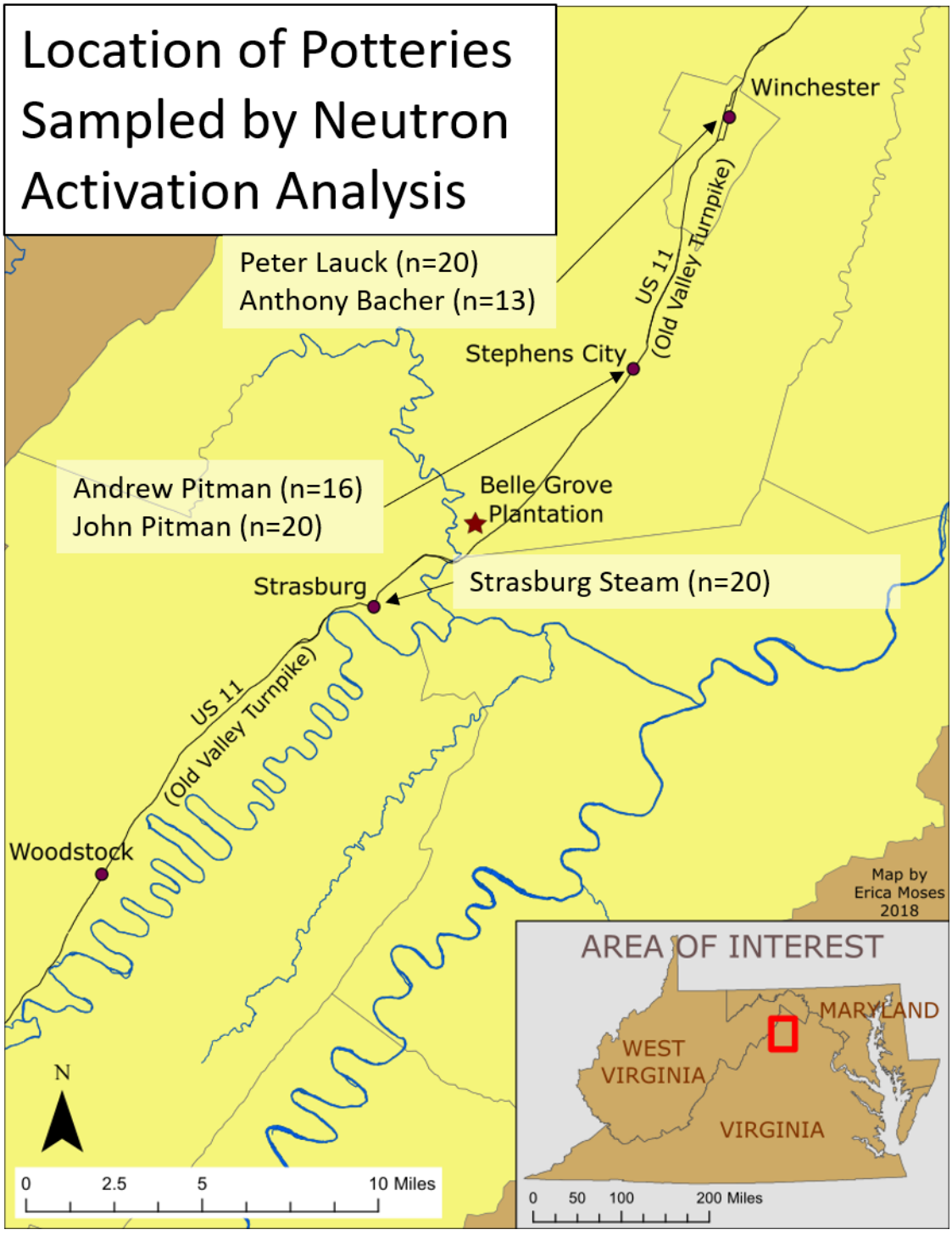

Figure 27. Location of potteries sampled by NAA.

2002). The final pottery was the Strasburg Steam Pottery (1890-1897) in Strasburg, excavated in 2014 (Jolley 2018). The Bacher and Strasburg Steam Potteries postdate Quarter Site B, but both used local clay (Comstock 1994a) so these samples should be representative of the sources used

by earlier potters. To avoid sampling vessels twice, I only selected sherds with different glaze colors and/or rim styles from the Lauck and John Pitman Potteries. Lindsay Bloch (2015, 90) used a similar method to select the Andrew Pitman and Bacher samples. Most of the Strasburg Steam samples are kiln furniture and I only analyzed intact specimens.

I took the Quarter Site B samples from 100 different coarse earthenware and stoneware vessels. I identified each vessel using the same protocol for the minimum vessel analysis used on the imported ceramics. To ensure I was analyzing samples from across the site, I selected 20 of the 64 vessels from Midden 1 Main, seven of the 20 vessels from Midden 1 Southwest, 17 of the 48 vessels from Midden 2, all 21 vessels from Midden 3, and all five vessels from Midden 4 (also see Figure 25).[76] I also analyzed all seven vessels from the earlier root cellar and five of the seven vessels from the later subfloor pit.

I conducted the NAA at the Missouri University Research Reactor using the laboratory's standard procedures (Glascock 1992; Glascock and Neff 2003). The samples' glazes were removed, and exposed portions of the body were abraded using a silicon carbide burr before being washed in deionized water, air dried, and powdered in an agate mortar and pestle. Two analytical samples were prepared from each ceramic specimen, with ~100 mg placed into high-density polyethylene vials for short irradiations and ~200 mg placed into high-purity quartz vials for long irradiations. The short-duration samples were irradiated for 5 seconds at a neutron flux of 8×10^{13} n cm^{-2} s^{-1}, and allowed to decay for 25 minutes before gamma-ray emissions were measured using a hyper-pure germanium detector for elements that produce short-lived radioisotopes: aluminum (Al), barium (Ba), calcium (Ca), dysprosium (Dy), potassium (K), manganese (Mn), sodium (Na), titanium (Ti), and vanadium (V). The long-duration samples

[76] To avoid double sampling vessels that might be in both Midden 2 and Midden 1 or 3, I only selected vessels from Midden 2 that did not appear visually similar to any NAA samples from Middens 1 and 3.

were irradiated for 24 hours at a neutron flux of 6 x 10^{13} n cm^{-2} s^{-1}, and left to decay for 7-10 days, before being measured for 2,000 seconds for medium-lived radioisotopes: arsenic (As), lanthanum (La), lutetium (Lu), neodymium (Nd), samarium (Sm), uranium (U), and ytterbium (Yb). After an additional 2-3 weeks, the samples were measured again for 8,200 seconds to obtain data on elements that produce long-lived radioisotopes: cerium (Ce), cobalt (Co), chromium (Cr), cesium (Cs), europium (Eu), iron (Fe), hafnium (Hf), nickel (Ni), rubidium (Rb), antimony (Sb), scandium (Sc), strontium (Sr), tantalum (Ta), terbium (Tb), thorium (Th), zinc (Zn), and zirconium (Zr). All irradiations included National Institute of Standards and Technology standard reference materials (SRM-1633b, SRM-688, SRM-278), and New Ohio Red Clay for data calibration and quality control. The three sets of measurements provided concentration values for 33 elements (Appendix E, Tables 5 and 6). Ni values for 41% of the samples did not exceed the limits of detection, so I excluded Ni from the following analysis.

The main goal when interpreting compositional data from ceramics is identifying, refining, and validating statistically distinct groups, each of which may be thought of as a discrete cluster of samples with similar values for certain elements (e.g., Baxter and Buck 2000; Bieber et al. 1976; Bishop and Neff 1989; Glascock 1992; Glascock and Neff 2003; Neff 2000; Weigand et al. 1977). Using a combination of hierarchical cluster analysis, bivariate scatterplots, and principal component analysis, Brandi Macdonald and I identified and refined six compositional groups in the dataset (Greer and MacDonald 2020) (Figure 28, Table 15). We used base-10 logarithms of concentrations in our calculations instead of raw data as this creates more normalized distributions for trace elements (e.g. rare earth elements) and compensates for differences in magnitude between trace elements and those present in larger concentrations (e.g.

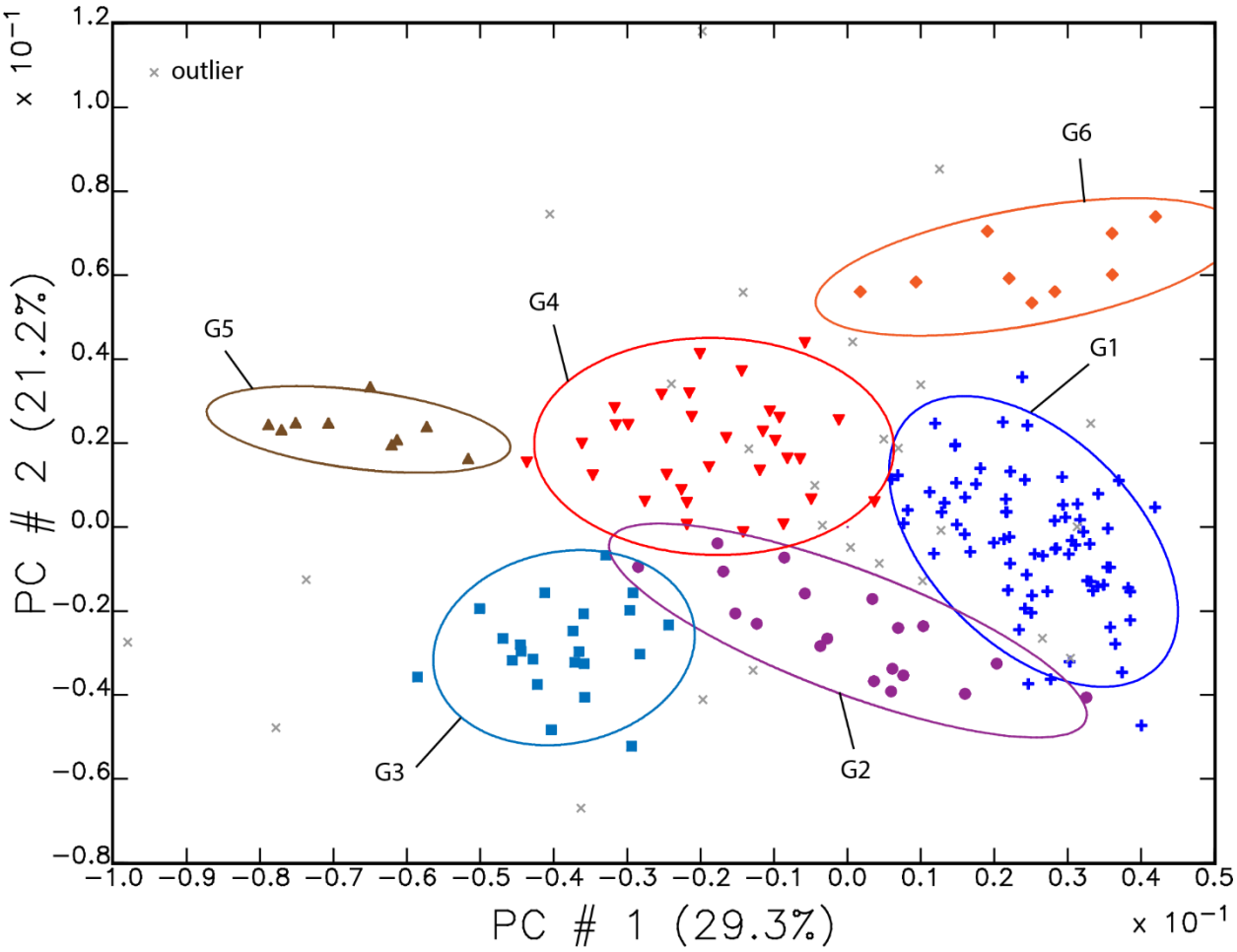

Figure 28. *Scatterplot of PC1 (29.3%) versus PC2 (21.2%), showing the distribution of Compositional Groups 1–6. Ellipses are drawn at 90% confidence. Sample SYU085, which is likely made outside of the Shenandoah Valley, is in the middle of the top axis.*

Al, Ca, Fe) (Baxter and Freestone 2006; Bieber et al. 1976; Glascock et al. 2004). We statistically validated the groups using Mahalanobis Distance (MD), which reports the percent probability of a sample belonging to a compositional group, with 100% indicating that a sample definitively belongs to a particular group and 0% indicating that there is no chance that a sample belongs to that group. Our results suggest strong group assignments (>20%) for 88% of the samples (Appendix E, Tables 7 and 8).

Group 1 has elevated As, Fe, K, and Rb and depleted Hf and Zr. This group has 73 samples, of which 29 are wasters, and 44 are from Belle Grove. Nine of the wasters are from the

Table 15. NAA compositional grounds by site.

Site	Location	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Outlier
Peter Lauck	Winchester	2	3		4		8	3
Anthony Bacher	Winchester	4	5	1				3
Andrew Pitman	Newtown	13	1	1				1
John Pitman	Newtown	9	4	2				5
Strasburg Steam	Strasburg	1			13	2		4
Quarter Site B	Belle Grove	44	6	18	14	7	1	10
Total		***73***	***19***	***22***	***31***	***9***	***9***	***26***

John Pitman and 13 are from the Andrew Pitman Potteries, both in Newtown, while four come from the Bacher and two come from the Lauck Potteries in Winchester. The final waster comes from the Strasburg Steam Pottery. Having wasters from all three municipalities in Group 1 suggests that it represents clays from a widely-used geological formation. However, 91% of the Newtown wasters have strong membership probabilities, compared to 33% of the Winchester wasters and none of the Strasburg samples, giving Group 1 a stronger association with Newtown. This suggests that the group's Belle Grove samples are probably from Newtown.

Group 2 contains 19 samples, 13 wasters, and six from Belle Grove, and has elevated Ta and Ti and depleted Ca. Five of the wasters come from the Bacher and three come from the Lauck Potteries, while four come from the John Pitman Pottery and one came from the Andrew Pitman Pottery. This suggests that Group 2 represents clay from a geological formation used in Winchester and Newtown, with the Belle Grove samples being made in either municipality.

Group 3 has elevated Ta and Ti (more so than Group 2) and depleted Mn and Zn and contains four waster samples and 18 samples from Belle Grove. Two wasters are from the John Pitman Pottery and one each is from the Andrew Pitman and Bacher Potteries. The presence of wasters from Newtown and Winchester in Group 3 suggests that this represents clay from a geological formation used by potters in both towns. As with Group 1, most (75%) of the wasters

come from Newtown, but all wasters have strong membership probabilities, making it difficult to determine if Group 3 is associated with Newtown or Winchester. However, 14 of the 18 Belle Grove samples are stoneware, which records indicate were made in Winchester but not Newtown (Comstock 1994a). Unless refire analyses determine that Newtown clays can produce stonewares (raising the possibility of a stoneware tradition in Newtown) it seems likely that Group 3's stonewares are from Winchester.[77]

Group 4 has elevated Dy, Eu, Sm, Sr, and Tb. This group has 31 samples, 17 of which are wasters and 14 of which come from Belle Grove. Thirteen of the wasters come from the Strasburg Steam Pottery and the remaining four are from the Lauck Pottery. This suggests that Group 4 is from a geological deposit used by potters in both Strasburg and Winchester but possibly used more extensively in Strasburg as 76.47% of the wasters are from this town. All waster samples have strong membership probabilities, preventing the MD calculations from determining if Group 4 is predominately associated with one town and suggesting that the Belle Grove samples are from either Strasburg or Winchester.

Group 5 contains 9 samples, two wasters and seven samples from Belle Grove, and is defined by elevated Mn and Na and depleted Fe. Both wasters are from the Strasburg Steam Pottery, giving Group 5 a strong association with Strasburg. As a result, we can safely argue that the seven Belle Grove samples in this group are from Strasburg.

Group 6 is the most distinct, with elevated Al, Ba, Ce, Co, Dy, Eu, K, La, Nd, Ni, Rb, Sc, Sm, Tb, and Zn, and depleted Hf, Sb, Ta, Th, Ti, and Zr. It includes eight wasters, all from the Lauck Pottery, and one Belle Grove sample. This gives Group 6 a strong association with

[77] Stoneware vessels require certain types of clay that is refractory enough to survive a higher firing temperature (over 1,250ºC) and whose silica particles will fuse together at these temperatures, creating a vitrified ceramic body. While refractory clays are common in the Valley, not all deposits can create vitrified bodies (Comstock 1994a, 66).

Winchester and suggests that the one Belle Grove sample was made there. Winchester is closest to the Conocheague and Elkbrook formations (see Figure 26), giving local potters easier access to clay weathered from these bedrocks than potters in Newtown or Strasburg. These may be the geological formations from which the clays used in Group 6 were excavated.

Twenty-six samples could not be placed into compositional groups. Of the 10 unassigned samples from Belle Grove, one (SYU085) is especially distinct, suggesting that it was imported into the Valley. The remaining nine samples generally conform to the wasters' chemical composition, suggesting that they are from the Valley, possibly Woodstock. Sixteen wasters were unassigned, suggesting that Groups 1-6 do not capture the full range of elemental variation amongst the Winchester, Newtown, and Strasburg ceramics. Therefore, we cannot rule out the possibility that the nine Belle Grove samples were made in these towns but belong to a currently unidentified compositional group.

Cities, Towns, and Locally-Made Ceramics

The NAA results indicate that the residents of Quarter Site B went to Winchester, Newtown, and Strasburg to acquire locally-made pots. If we can count the Group 3 stonewares as being from Winchester, then 15 of the 99 locally-made vessels were likely bought in the city. Winchester is 15 miles north of Belle Grove, so the women and men enslaved at the plantation probably did not go to the city as often as John Spradley, who lived only five miles from Winchester. But, they might have been among those whose Sunday trips the Agricultural Society of the Valley argued were days spent in "intemperance and immorality" (Barton and Cramer 1826). The lack of compositional groups not associated with Winchester, Newtown, and Strasburg strongly suggests that enslaved people did not regularly travel from Quarter Site B to Woodstock to acquire locally-made ceramics. Like Winchester, Woodstock is about 15 miles

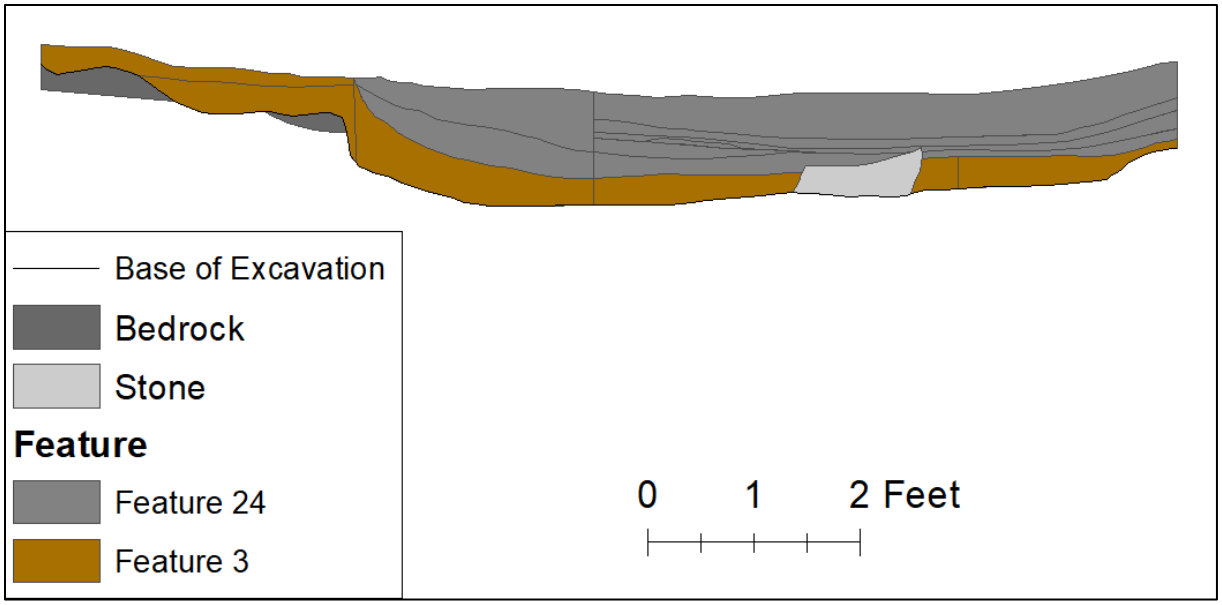

Figure 29. Features 3 and 24, east/west profile, facing north. Image by author.

from Belle Grove. However, Woodstock is considerably smaller, possibly making long trips to the town more trouble than they were worth.

The best way to historicize this data is to focus on the vessels from the root cellar (Feature 3) and subfloor pit (Feature 24). The root cellar is a large (approximately 9’ x 8’) feature underneath House Site 1, likely used to store food from the time the cabin was built (c. 1800) until the late 1830s when it was backfilled to create a smaller (approximately 7’ x 4’) subfloor pit within the root cellar fill (Figure 29). Subfloor pits are small cellars enslaved Virginians commonly used to store food and/or personal items (Samford 2007). The root cellar fill contains 23 wound-head straight pins and four stamped-head straight pins, and the subfloor pit fill contains a mix of seven wound-head and nine stamped-head pins. Stamped-head pins were introduced in 1836 and quickly replaced the earlier wound-head straight pins (Beaudry 2006, 19). For there to be only a small number of stamped-head pins in the root cellar fill and a more even ratio of wound to stamped heads in the subfloor pit fill, the root cellar must have been backfilled shortly after stamped-head pins were introduced. The subfloor pit was used into the

1850s, when the cabin burned, filling the pit with charred architectural material and household items. As a result, vessels from the root cellar fill were deposited in the late-1830s, while those found in the subfloor pit fill were deposited in the 1850s.

Two of the root cellar vessels belong to Group 1, one each to Groups 2 and 3, two belong to Group 4, and one was unassigned. In other words, we have two vessels from Newtown (Group 1), one from either Newtown or Winchester (Group 2), one from Winchester (the Group 3 vessel is stoneware), and two from either Strasburg or Winchester (Group 4). The subfloor pit vessels, on the other hand, include two vessels from Group 4 and three from Group 5, meaning that three are from Strasburg and two are either from Strasburg or Winchester. This suggests that by the late 1830s we see a change in where the enslaved people living in House Site 1 acquired locally-made ceramics, from possibly traveling to Winchester, Newtown, and Strasburg to only going to Strasburg and possibly Winchester. We can interpret this in several ways (see Greer and MacDonald 2020), but I would argue that part of what we are seeing is a restriction on where people enslaved by the Hites could acquire locally-made ceramics, resulting in the site's residents getting vessels from fewer places by the late 1830s. Here it is especially important to note that Strasburg is the closest ceramic-producing town to Belle Grove, so in the 1840s we are seeing a possible shift toward enslaved people acquiring ceramics closer to home.

Using NAA data from 12 vessels to make this argument might be tenuous. But, so would only using data from merchants' ledgers or the proportion of vessels that came second-hand from the manor house. However, what we have here is three independent lines of evidence converging to make a robust argument about how increasing restrictions on enslaved people's consumption practices limited enslaved Shenandoahans' ability to acquire commodities. This is not to say that restrictions determined enslaved people's consumption practices, but that over

time restrictions played a larger and/or more effective role within enslaving assemblages, orienting (sensu Ahmed 2007) enslaved people in ways that made it more difficult to access cities, towns, and stores. This argument also lines up with what we know about enslavers' ever-increasing understanding that the actions of enslaved consumers were an area where the ontological politics of enslaved life could and should play out. When we frame our narrative of the increased restrictions in these terms, we see Valley enslavers increasingly enacting a particular way of being human (a *homo rationalius* that can bring order to the supposedly chaotic nature of Blackness) by regulating enslaved people's consumption practices.

A lot of the literature that discusses restrictions on enslaved people's consumption practices focuses on South Carolina (e.g., Campbell 1991; Fogle 2019; Forret 2004; Hill Edwards 2017; 2021; K. M. Hilliard 2014).[78] And this body of work suggests that enslaved people found ways to continue buying, selling, and trading commodities, in large part because enslavers recognized that they played an important role in local economies (Hill Edwards 2021). My work suggests something different was going on in the Valley. This may be because the combination of sources I used speak to aspects of enslaved people's consumption practices that were more likely to be affected by restrictions. If I used different types of data (like buttons, which could be sold by peddlers), or if these other studies used my methods, maybe we would have reached the same conclusions. Or, perhaps more likely, the Valley is simply different than South Carolina. We will not know until more studies in other areas address restrictions enslavers placed on enslaved people's consumption practices. But we do know that, just like enslaved South Carolinians, enslaved Shenandoahans used the things they acquired to make lives for themselves. And because ceramics played such an important role in this chapter, we should

[78] Hilliard (2014) focuses on eastern seaboard (Georgia through Virginia), but many of her sources are from South Carolina and her discussion frequently focuses on the state.

continue to trace out the ways ceramic vessels got incorporated into enslaving assemblages, and the possibilities they created for making do within the confines of slavery. Chapter 8 does this by focusing on imported tablewares, while Chapter 9 takes up locally-made utilitarian wares.

Chapter 8: Imported Tea and Tablewares

One cannot expect African Americans, who have traditionally been relegated to peripheral sites within American society and culture, to interact with technological products analogously to the members of the dominant American culture…
(Fouché 2006a, 642)

On 4 January 1797, James, a man enslaved by William Little, bought a set of teacups and saucers from a store in Charlestown, Virginia (now West Virginia) (Account Book 2 1797, 340) (Figure 30). While James did not buy costly Chinese porcelain tea wares, he did choose one of the more expensive refined earthenware sets the store offered (Account Book 1 1795; Account Book 2 1797). We will never know why, exactly, James selected and bought these cups and saucers (see Chapter 2). But the poetics of this act, and the things James did with these ceramics once he got home, captures the imagination today.

James's choice to buy tea wares contradicts popular conceptions of slavery, causing awe and confusion among visitors to Belle Grove Plantation when we tell them about similar purchases made by enslaved women and men living at Quarter Site B. This forces many to reevaluate what they know about slavery and to reimagine the Shenandoah Valley's complex political economies. Honestly, I was fascinated by the idea of enslaved Southerners buying tea wares and other ceramics for themselves when I first learned about these practices, and my desire to know more about this aspect of enslaved life led me down a winding path toward Belle Grove. Many archaeologists are also fascinated by the decisions enslaved people made about which ceramics to acquire (e.g., Galle 2010; Symanski 2012; Wilkie and Farnsworth 2005). Why did James buy teacups and saucers, and why did he choose this particular set when others cost half as much? The cups and saucers were probably decorated, so what was it about these designs that

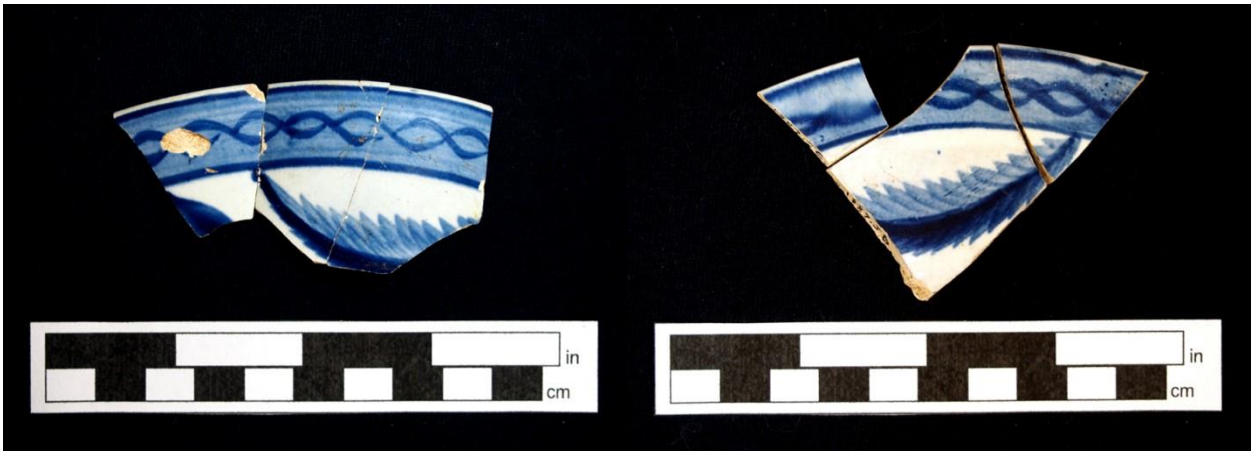

Figure 30. Hand-painted teacup and saucer from Quarter Site B. While we do not know what the cups and saucers James bought would have looked like, they may have looked like this set from Belle Grove. Photographs by Erica G. Moses.

may have appealed to James? When coupled with archaeologists' love affair with ceramics, it comes as no surprise that imported refined earthenwares play a large role in archaeologies of enslaved life (e.g., L. W. Marshall 2015; Ogundiran and Falola 2007; Singleton 1985; 1999).

Existing studies, however, often focus on vessel form and/or decoration (e.g., Arcangeli 2015; Galle 2010; Otto 1977; 1984; Symanski 2012; Wilkie and Farnsworth 2005; A. L. Young 2004). These can tell us a lot about enslaved people, especially the consumer choices they made, and the social bonds they created and maintained. But what these works have not been able to do is offer convincing arguments for how enslaved people used these vessels to eat and drink. This is because they rely on abstract arguments based on vessel form instead of a sustained investigation of physical evidence from these ceramics. Or perhaps more accurately, they rely on physical evidence only to the extent that a sherd or vessel can be identified as a plate, bowl, or teacup. Once these forms have been identified, it is the form of the vessel that drives all subsequent arguments, not any other data from the vessel. In other words, we get arguments that enslaved people used plates and bowls to eat different types of food not because of any evidence collected from these ceramics, but simply because they have different shapes (e.g., Otto 1977;

1984). Doing so uncritically projects our normative understandings of how ceramic can be used onto past people, who may have had different understandings about what a plate or bowl should be used for. As Rayvon Fouché argues in this chapter's epithet, these normative assumptions about ceramic use are also racialized, making them especially problematic when we project them onto enslaved people. Therefore, making better arguments about how enslaved people used ceramic vessels requires we need to turn to new sources so physical evidence from these vessels.

This chapter focuses on use-wear and absorbed residues from imported ceramic tea and tablewares from Quarter Site B. Combined, these analyses provide a robust dataset for making arguments about how enslaved women and men used imported ceramics that rely on material evidence gathered from individual vessels. Specifically, they suggest that enslaved people used plates and bowls for their intended uses. However, data presented below from mugs and teacups suggest that these were used for consuming beverages and (at least occasionally) for eating, while saucers have extensive evidence for being used as bowls. These ways of using ceramics show enslaved Shenandoahans reconceptualizing (sensu Fouché 2006a) how imported tea and tablewares should be used, allowing them to enact ways of being human that redressed the pain and suffering imposed on them by the Hites.

Ceramic Alteration

Use-Wear Analysis

Ceramics constantly rub against the people and things they are assembled with, creating friction that abrades their surfaces and leaves traces that provide information about how they were used (Griffiths 1978; Schiffer and Skibo 1989; Skibo 1992; 2013). Systematically studying these traces and comparing how similar wear patterns repeat on certain types of ceramics can tell us how enslaved people used different ceramics and what types of foods and beverages they

ate/drank from them. To assess this, I performed a use-wear analysis on Quarter Site B's 283 imported ceramic vessels.

Use-wear analyses often lack "sufficiently well-defined and standardized" methods for comparing large numbers of vessels (Banducci 2014, 189). For instance, Matthew Reeves (2015a, 31–32), in a rare use-wear analysis from enslaved quartering sites, compared a lack of "deep scratches" on tea wares from Virginia and an abundance of these traces on bowls from Jamaica to make inferences about enslaved foodways. But his data comes from general observations instead of a systematic assessment with clearly defined parameters, as he does not quantify his results, nor does he define what counts as "deep" scratches or mention if he assessed other types of wear.[79] This limits the types of arguments Reeves could make about these ceramics. To avoid this issue, I used standardized methods provided by Laura Banducci (2014) and Vanessa Fotre et al. (2018). I assessed every sherd from each imported vessel for wear. This was done without magnification, although I assessed the amount of abrasive wear on the edges of each trace with a 40x hand-held microscopic lens (Banducci 2014, 192–94). Once each trace was identified and inspected, I recorded the side of the vessel it was on (interior or exterior), its location on the vessel (rim, wall, etc.), the mechanism that produced it (fatigue wear from being struck by a solid object, abrasive wear from utensils grinding against vessels, or thermal wear from heat sources), the type of trace (spall [a portion of the ceramic that chipped away], linear striation, or patch [large, non-linear/ovaloid concentration of wear], thermal discoloration, and charred encrustations from burned food), the shape of the trace in plan-view (ovaloid [including semi-circular traces], linear, irregular, indeterminate), the amount of wear on the top edge (high, mid, low), the orientation of the trace relative to the vessel (vertical, horizontal, or diagonal), and

[79] The reports he cites for the Virginia data (Trickett 2013a; 2013b) also lacks this information.

its length and width. Fatigue wear and spalling can be from post-depositional processes like trampling or freeze/thaw cycles (e.g., Schiffer 1987), so I only analyzed fatigue wear/spalling with abrasive wear along its top edge, since these indicate that the vessels continued to be used after the initial wear occurred.

Some vessels only have one sherd, while others have over 20. This makes systematic comparisons somewhat problematic, since having more sherds to work with increases the chance of identifying wear. Additionally, certain types of vessels are more likely to include sherds from different locations. For instance, 78.72% of plates have rim sherds compared to 41.17% of mugs and 18.18% of bowls. To prevent this from skewing my analysis, I accounted for the number of sherds per vessel and the location of these sherds whenever possible.

Absorbed Residues

Ceramics often become assembled with organic molecules from food and drinks that are stored, cooked, served, or consumed in/from them. If these molecules only interact with a vessel's glaze, or if the ceramic has a vitrified body, traces of these assemblages are easily washed away. But if food/beverages come into direct contact with earthenwares' porous bodies, they can absorb into ceramics, leaving traces we can identify through residue analysis (e.g., Condamin et al. 1976; Evershed 1993; 2008a; Pecci 2014). While all the imported earthenwares from Quarter Site B are glazed, the use-wear analysis identified 94 areas on 47 vessels where the glaze was removed, creating openings for residues to seep in while the vessels were still being used (Pecci et al. 2016). To identify these residues, I analyzed 34 chipped portions of 20 vessels using Fourier-transform infrared spectroscopy (FTIR) (Table 16). This includes all chipped areas that were large enough to provide adequate material for the FTIR analysis while leaving at least

Table 16. Imported tableware FTIR samples. All creamware vessels are common creamware, sold locally into the mid-19th century

Sample	Vessel	Sherd	Ware Type	Vessel Form	Locations Tested	Usable Peaks Identified?
R004	1.194	34.AA	Pearlware	Saucer	1	*No*
R005	2.118	1026.BZ	Creamware	Chamber Pot	3	*No*
R006	1.064	1558.AN	Pearlware	Mug	2	Yes
R007	3.006	2338.CG	Pearlware	Teacup	1	*No*
R008	1.179	3830.BI	Pearlware	Bowl	1	Yes
R011	1.061	3764.BP	Pearlware	Saucer	1	*No*
R017	1.023	2167.AV	Pearlware	Mug	1	*No*
R020	4.008	1111.AR	Creamware	Indeterminate	4	Yes
R021	4.008	1111.AS	Creamware	Indeterminate	1	Yes
R022	2.048	1868.BK	Pearlware	Mug	2	Yes
R045	1.188	1087.BE	Creamware	Bowl	1	Yes
R046	1.055	2023.AV	Whiteware	Saucer	1	Yes
R048	1.063	1502.CC	Pearlware	Saucer	2	Yes
R049	1.049	2159.BG	Pearlware	Saucer	2	*No*
R050	1.034	1507.CT	Pearlware	Saucer	2	Yes
R051	3.059	3478.BB	Creamware	Plate	2	*No*
R052	2.096	2476.GE	Whiteware	Teacup	1	Yes
R053	1.026	2041.BG	Pearlware	Bowl	1	Yes
R054	1.052	2020.BW	Pearlware	Teacup	1	*No*
R055	1.065	3810.BT	Pearlware	Teacup	1	*No*
R056	1.063	2058.BJ	Pearlware	Plate	1	*No*
R057	6.015	3571.BH	Pearlware	Mug	1	*No*
R058	6.015	1228.DU	Pearlware	Mug	1	Yes

half of the area preserved for future analyses, including gas chromatography-mass spectrometry (GC-MS) and stable isotope analysis.

FTIR measures the amount of infrared light samples absorb at various wavenumbers (B. C. Smith 1999). For instance, a sample might absorb 40% of infrared light at 3000cm-1 and 80% at 2500cm-1, but none at 2000cm-1 or 1000cm-1. Absorption rates are determined by chemical bonds within molecules, as different types of bonds (C=O, H=O, etc.) absorb light in unique ways (e.g., Margaris 2014; Shoval 2017; B. C. Smith 1999). As a result, FTIR provides indirect evidence for the chemical makeup of a ceramic body and residues that absorbed into it (e.g.,

Annamalai et al. 2020; Forte et al. 2018; Lettieri 2015; Oliveira et al. 2020; Roth et al. 2018; Shillito et al. 2009; Tanasi et al. 2017).

I prepared the samples by scraping the ceramic with a pick to produce a fine powder. The powder was put into a borosilicate glass vial along with 0.4 ml of dichloromethane and methanol (2:1, v/v), which extracted residues from the sample so I could analyze them with minimal interference from the ceramic body (e.g., Barnard et al. 2007; Craig et al. 2020; Gregg and Slater 2010; McGovern and Hall 2016, 618–19; Regert 2011, 180; Roth et al. 2018, 272). Each vial was sealed, sonicated (2x10min), and left to sit for 23 hours (Barnard et al. 2007, 33; Regert 2011, 180). Three drops of the solution were then placed onto a glass microscope slide and allowed to evaporate for an hour, leaving behind dried residues for analysis. I used these same methods to prepare samples from non-chipped portions of each sherd to create a control group to identify infrared signatures that are from post-depositional processes and/or are from residues not associated with historic foods/beverages (Lettieri 2015; Stern et al. 2000).

I analyzed each sample three times in ATR (attenuated total reflectance) mode on a ThermoFisher Nicolet iS5 FTIR spectrometer with an iD7 ATR accessory using the default setting for this instrument and identified 3,162 peaks (high absorbance values for particular wavenumbers) in the resultant data (Appendix F, Table 1). I removed 2,856 peaks associated with 21 commonly occurring peak ranges that are likely from the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution (Appendix F, Table 2). To further refine the dataset, I eliminated any peak from samples that were within 5 cm-1 of peaks from the control group or control samples from 38 locally-made vessels (see Chapter 9) (Appendix F, Table 3). Discarding peaks associated with control samples is not common practice but doing so creates a more reliable dataset for

comparing different types of vessels since none of the peaks should be from post-depositional processes.

The data reduction left me with 26 peaks from 12 samples that are associated with absorbed residues. To identify the foods and beverages these residues may have come from, I compared them with data from the reference library presented in Appendix F (Table 4). This includes peaks for substances enslaved people likely consumed that are listed in archaeological and non-archaeological studies (Abdalla 2015; Abdullah et al. 2018; Aziz et al. 2015; Babu et al. 2015; Barua et al. 2008; Bitik et al. 2019; Cameo 2019; Candoğan et al. 2021; Cummings and Kovácik 2018; Cummings and Logan 2012; Cummings et al. 2010; Ding et al. 2020; El-Kaaby et al. 2016; Ferry et al. 2013; Husnil et al. 2019; Irnawati et al. 2019; Javadi Doodran 2020; Joel et al. 2018; Kamar et al. 2016; Lakshmipathy and Sarada 2015; Logan and Cummings 2012; Millipore Sigma 2021; Stevanović et al. 2019; Trivedi et al. 2015; Palei et al. 2016; Păucean et al. 2017; Puseman et al. 2009; Puseman et al. 2012; Rohman and Che Man 2011; University of Tartu n.d.; Vahur et al. 2011; Vahur et al. 2016; Xie et al. 2016; Wahyono et al. 2019; Weiner 2010). I also collected data using the methods listed above for substances I could not find in the existing literature (Appendix F, Tables 5 and 6). When comparing my data to the reference library, I focused on substances with peak ranges within 5 cm-1 of the ceramic samples (cf. Cummings and Logan 2012). I only considered non-food residues (resins, uric acid, etc.) when no foods fell within the 5 cm-1 range.

Tablewares

The imported tablewares are predominately plates (n=93), mugs, (n=17), and bowls (n=10). Archaeologists often assume enslaved people used tablewares for their intended purposes, eating different types of food from plates and bowls and drinking beverages from

mugs (e.g., Otto 1977; 1984). However, if we want to make empirical arguments about how enslaved people used these vessels, we need to assess use-wear and absorbed residues.

I observed 47 wear marks on 28 plates, including 33 traces on the interior of 21 vessels (Appendix F, Table 7). Most (84.84%) interior wear was spalling and abrasion on, or within 3cm of, rims. Enslaved people probably did not place food this close to the rim, so these wear marks likely came from vessels being handled. Three of these traces on two vessels were analyzed by FTIR (R051 and R056), but none had peaks associated with food residues. The remaining traces, one spall and five long (5-22mm x 1mm) abrasive striations, are on the bases of three plates. Edgewear on these striations suggests that three are from forks or spoons and one is from a knife (see Griffiths 1978). Most (69.23%) exterior wear was also fatigue spalls and abrasions on or within 3cm of rims, likely from vessels being handled. The remaining exterior wear consisted of abrasions and spalls on the foot rings from the plates being picked up and set down. While this provides relatively little evidence for how enslaved people used plates, the data suggest that some were used to eat foods that required utensils.

I observed wear marks on six bowls, four of which have interior wear (Appendix F, Table 8). Five wear marks are small to large (2-5mm x 1-6mm) ovaloid abrasions running horizontally along interior walls from enslaved people scraping food out of bowls. Four small to large (1-7mm x 1-5mm) ovaloid spalls and irregular striations from fatigue wear were also identified on the interior walls, three of which are orientated vertically, indicating that they are from utensils lowered down into the bowls. The exterior wear consists of 10 small to medium (2-5mm x 1-4mm) ovaloid spalls from fatigue wear that occurred while the bowls were being handled.

I analyzed three bowls with FTIR, and all have peaks from food residues (Table 17). Vessel 1.026 has a peak at 595 cm-1 corresponding to blackberries and cucumbers, suggesting it

Table 17. Food residues from bowls. Peak values are in cm-1.

Vessel	Run	Location	Wear Mechanism	Trace	Peak	Likely Source
1.026	R053-1-B1	Wall	Abrasive	Striation	595	Blackberries (599) Cucumber flesh (598-595)
1.179	R008-1-B1	Wall	Abrasive	Striation	571	Cornmeal (573) Corn coffee (573-570) Starch (571)
1.188	R045-1-B2	Wall	Fatigue	Spall	1128	Aromatic esters (1130-1100) Black tea (1139-1133) Galactan (1134) Starch (1200-800) Sucrose (1126)

held fruit or vegetables. Vessel 1.179 has a peak at 571 cm-1 corresponding to boiled cornmeal, steeped corn coffee, and starch, suggesting this bowl was used to consume corn, either as parched corn coffee (a coffee substitute made by boiling roasted cornmeal) or, more likely, boiled cornmeal. Vessel 1.188 has a peak at 1128cm-1 corresponding to aromatic esters, black tea, galactan (a polysaccharide found in legumes), starch, and sucrose. The wide range of associated substances makes interpreting this peak difficult. The combined data suggest that enslaved people at Quarter Site B ate a variety of foods from bowls. And this left a lot of visible wear on these vessels, with 40% of bowls and 16.32% of bowl sherds having interior wear. Unfortunately, we do not have enough data to tell if different bowls were used for different types of food. But we do have enough data to compare bowls and mugs so we can tease out how these vessels were used relative to one another.

I observed wear marks on eight mugs, four of which have interior wear (Appendix F, Table 9). The interior wear includes seven large (6-12 mm x 3-8mm) linear and ovaloid abrasive striations running horizontally along vessels' walls, probably from utensils scraping the inside of the mugs. There were also two medium (3-4mm x 2-3mm) ovaloid spalls from fatigue wear. The exterior wear, which occurs on seven mugs, includes 10 medium to large (3-10mm x 3-5mm)

ovaloid and irregular spalls and four linear striations and patches of abrasive wear on walls, two abrasive striations on rims, and abrasive patches (n=4) and spalling (n=1) on foot rings. These are probably from mugs getting chipped and abraded while being handled. I analyzed four mugs using FTIR, three of which have peaks associated with food residues (Table 18). Vessel 1.064 has a peak at 1108 cm-1 that corresponds with eggs, fruits, starches, and vegetables, making it difficult to interpret this data. Vessel 2.048 has peaks at 1707 cm-1, 1071 cm-1, 956 cm-1, 949 cm-1, and 2180 cm-1. The first four are associated with eggs, fruit, starches, and vegetables, making it impossible to offer any firm suggestions about what was consumed from the mug. The remaining peak corresponds with thiocyanate, which commonly occurs in cruciferous vegetables (Vanderpas 2003), suggesting that the mug may have been used for eating greens. Vessel 6.015 has a peak at 708 cm-1 corresponding with aromatic esters, boiled cornmeal, parched corn coffee, and starch, suggesting it was used to consume either boiled cornmeal or corn coffee.

Compared to the bowls, few (23.52%) mugs have interior wear. The mugs generally have fewer sherds than the bowls (3.41 vs. 5.0), but this is probably not skewing the results as fewer mug sherds have interior wear (10.34% vs. 16.32%). However, mugs with wear have more interior wear per vessel than bowls (an average of 2.25 traces vs. 1.66), suggesting that enslaved people used most mugs in ways that did not leave visible wear marks while using some in ways that left an abundance of traces. The former vessels were probably used for their intended purpose of consuming beverages, as this leaves no visible traces other than the possibility of small abrasions from stirring drinks. The latter mugs were used for eating food, as they have long linear abrasions that are not from stirring (where utensils strike then bounce off vessels' walls) but prolonged pressure on walls to scrape out food. This is not to suggest that some mugs were only used for eating but that enslaved people likely considered mugs to be versatile vessels that

Table 18. Food residues from mugs. Peak values are in cm-1.

Vessel	Run	Location	Wear Mechanism	Trace	Peak	Likely Source
1.064	R006-1-B1	Wall	Abrasive	Striation	1108	Apple (1105)
						Aromatic ester (1130-1100)
						Cherry Flesh (1105-1102)
						Corn coffee (1105-1102)
						Cucumber flesh (1105-1102)
						Egg white (1105)
						Egg yolk (1111)
						Peach Flesh (1105)
						Raw turnip (1109)
						Saturated ester (1110-1030)
						Starch (1200-800)
2.048	R022-2-B2	Wall	Abrasive	Striation	2180	Thiocyanate (2175-2140)
					1707	Aromatic ester (1730-1705)
						Cherry Flesh (1713-1710)
						Egg white (1704)
						Ketone (1725-1705)
						Raw turnip green (1713-1707)
						Sorghum (1708)
					1071	Arabinan (1070)
						Arabinogalactan (1074)
						Arabinoglucuronoxylan + galactoglucomannan (1070)
						Chili Pepper (1070)
						Galactan (1072)
						Rhamnogalacturonan (1070)
						Saturated esters (1110-1030)
						Starch (1200-800)
					956	Corn coffee (955)
						Pectin (955-953)
						Raw squash (968-959)
						Starch (1200-800)
					949	Rhamnogalacturonan (951)
						Starch (1200-800)
						Sweet potato starch (950-900)
						Tannic acid (951)
6.015	R058-1-B2	Wall	Abrasive	Striation	708	Aromatic ester (750-700)
						Cornmeal (711-708)
						Corn coffee (705)
						Starch (710)

could be used for both drinking and eating. Despite this versatility, mugs are relatively rare at Quarter Site B, accounting for just 7.52% of imported ceramic vessels whose form could be identified. This might be because a variety of other hollowwares were available, from gourd vessels enslaved people could make for themselves to store-bought tinware, wooden bowls, and locally-made ceramic tablewares (10 of which were identified at Quarter Site B). But we also need to consider the possibility of tea wares being used in the same way as mugs.

Tea Wares

We found a lot of tea wares at Quarter Site B, including at least 38 saucers, 51 teacups, two sugar bowls, three teapots, and 10 indeterminate vessels. About half (54.43%) are not from vessel sets associated with the manor house, indicating that enslaved women and men acquired dozens of teacups and saucers for themselves.[80] The existing literature suggests two possible ways they may have used these vessels. Enslaved people could have used the teacups and saucers to drink tea, coffee, or other beverages (Galle 2010, 26; Lentz 2010, 29; Kelso 1997; Neiman et al. 2000, 19, 52; Wilkie and Farnsworth 2005, 255–57). Alternatively, soups, sauces, and relishes are commonly eaten as side dishes and condiments throughout the Black Atlantic (e.g., Basden 2006, 47; Beoku-Betts 1994, 427; Covey and Eisnach 2009, 42, 43, 84, 89; Eves 2005; Galan et al. 1990; Stoller and Olkes 2012). In West Africa, these are commonly served in small pots/bowls (Ferguson 1992, 97; Wilkie 2000a, 147). Because teacups and saucers are, ultimately, small bowls/dishes, archaeologists have argued that enslaved people used them to serve and eat soups, sauces, and relishes (e.g., Samford 2007, 99; Singleton 2015b; Wilkie 2000a, 147; Wilkie

[80] Christopher Fennell (2017) used a selection of merchant's ledgers from the Valley to argue that White Shenandoahans rarely bough tea wares before the 1830s, which would make the large amount of tea wares at Quarter Site B unusual for the region, possibly indicating that enslaved Shenandoahans acquired many of the teacups and saucers sold in the Valley in the late-18th- and early-19th centuries. However, I could not replicate the trends White ceramic consumption Fennell identified using my dataset (Appendix F, Table 12), suggesting that his results may not be indicative of local consumption practices.

and Farnsworth 2005, 252, 272). Both approaches, however, rely on generalizable arguments based on vessel form. The one exception to this is Matthew Reeves's (2015a) use-wear study (see above), but as noted earlier, his work is hindered by its reliance on general observations instead of systematically assessing wear marks. To see how the women and men living at Quarter Site B used the teacups and saucers they acquired, we need to thoroughly evaluate the use-wear and absorbed residues from these vessels.

I observed wear on 16 saucers, nine of which had traces on their interiors (Appendix F, Table 10). This includes seven small to medium (2-6mm x 1-5mm) spalls on interior bases from utensils or teacups striking the vessels. Fatigue wear also occurred on interior walls, although these are larger (11-12mm x 4-6mm) and more irregular than the basal wear. There were also 14 small to medium (1-4mm x 1-2mm) ovaloid and irregular abrasive striations on the interior walls, seven of which are oriented vertically and likely came from dragging utensils up and down the walls. Utensils hitting the rim left six abrasions and one fatigue spall. Spalling on the exterior of rims was also observed. Exterior wear on the base and walls were mostly small to medium (1-5mm x 1-3mm) spalling from the saucers being handled. Three areas of abrasive wear were seen on the foot rings, along with one fatigue spall, likely from the vessels being picked up and set down. I observed wear marks on 14 teacups, seven of which had interior wear (Appendix F, Table 11). Twelve small (1-2mm x 1mm) and two large (9-12mm x 7mm) horizontal ovaloid and linear abrasions were identified on the interior walls, along with one medium-sized (4mm x 2mm) fatigue spall, all of which are from utensils hitting the cups. One fatigue spall and one abrasive striation were also present on vessels' rims. Eight small to large (1-9mm x 1-4mm) fatigue spalls were also seen on the exterior walls.

Table 19. Food residues from saucers. Peak values are in cm-1.

Vessel	Run	Location	Wear Mechanism	Trace	Peak	Likely Source
1.034	R050-2	Wall	Abrasive	Striation	1243	Amide (1243)
						Black tea (1240-1234)
						Chili Pepper (1246)
						Coffee (1240)
						Cornmeal (1243)
						Green tea (1240-1234)
						Meat (1246-1238)
						Meat (1314-1205)
						Starch (1240)
						Watermelon rind (1243)
1.055	R046-1	Base	Fatigue	Spall	882	Arabinogalactan (879)
						Green tea leaf (885-870)
						Starch (1200-800)
1.063	R048-2	Wall	Abrasive	Striation	2129	Isothiocyanate (2140-1990)
						Onions (2126)
					2108	Isothiocyanate (2140-1990)

More saucers have interior wear than teacups (23.68% vs. 13.72%), and saucer sherds are more likely to have these traces than teacup sherds (16.96% vs. 10.25%). This suggests that enslaved people used saucers and teacups differently. The saucers' vertical abrasive wear likely came from scooping food upwards out of the vessels since they cannot be explained by stirring liquids or placing teacups into saucers, suggesting that enslaved people at Quarter Site B used saucers for eating, The FTIR data further supports this. I analyzed six saucers and three had peaks associated with food (Table 19). Vessel 1.034 had a peak at 1243 cm-1 corresponding with meat, starches, and tea, making it difficult to interpret. Vessel 1.055 had a peak at 882 cm-1 corresponding with arabinogalactan (a compound found in flowering plants), green tea leaves, and starch, so we can only say the saucer held some kind of plant matter. Vessel 1.063 had peaks at 2129 cm-1 corresponding with isothiocyanate and 2108 cm-1 corresponding with isothiocyanate and onions. Isothiocyanate is a compound found in greens, especially in cruciferous vegetables (Vanderpas 2003), indicating that greens and possibly foods cooked with

onions were eaten from this saucer. While we cannot say that enslaved people used all 38 identified saucers as tablewares, it seems that many were.

Teacups, alternatively, show little evidence of being used as tablewares, as they have the least internal wear of all imported ceramics. Most of this wear is small horizontal abrasions from utensils briefly interacting with cups' walls, a type of wear we would expect to see if the contents of these vessels were stirred since stirring can lead to utensils briefly hitting or rubbing against vessels' walls. This suggests that enslaved people used teacups to consume drinks that required stirring, such as stirring milk/cream or sugar into tea or coffee. This is not to say that teacups were only used for drinking, as two other vessels have large abrasive wear similar to the mugs, suggesting that some may have been used as tablewares even if most were not used this way. Unfortunately, the FTIR data did not provide any definitive evidence we can use for our interpretations of teacups. I analyzed four teacups, but only Vessel 2.096 (R052) had a peak from food or beverages. This peak was located at 2199 cm-1 corresponding with boiled cornmeal (2206-2193 cm-1) and parched corn coffee (2202-2199 cm-1), suggesting it held either parched corn coffee or boiled cornmeal. While the bulk of the use-wear data suggests the former, this sample is from a larger abrasive striation so we cannot rule out boiled cornmeal.

Before moving on, we need to briefly discuss the lack of definitive FTIR evidence for tea or coffee. With residue analysis, a lack of evidence for certain types of molecules does not mean that vessels did not hold these substances (Barnard and Eerkens 2017; Evershed 1993). Evidence for tea could be present in all the tea wares and still be absent in the small portions I tested. We also do not know if/how tea and coffee residues degrade over time (e.g., Evershed 1993; 2008b; Evershed et al. 1995; Regert et al. 1998), so I might be missing important data for identifying centuries-old residues. Additionally, many enslaved people drank coffee substitutes (chicory,

Figure 31. Enslaved woman serving rye coffee at Bell Plantation, Clarke County, 1864. Image from Taylor (1989, 82).

parched corn or rye, etc.) and/or herbal teas (e.g., Covey and Eisnach 2009; Northup 1853) (Figure 31). The reference library includes parched corn coffee, but I could not get samples of these other beverages, so we cannot tell if they are present. Therefore, we should focus on substances we have data for instead of those we do not.

(Re)Assembling Imported Ceramics

Ceramics, especially tea wares, played an important role in creating and enacting the ways of being human 18th- and 19th-century White Americans claimed for themselves, as using vessels correctly showed that one understood and could perform "proper" ways of eating or taking tea in a variety of settings (e.g., Bedell and Scharfenberger 2000; Deetz 1996; Fromer 2008; Hodge 2009; Wall 1991; Woods 2019; Yentsch 2011). Using ceramics in "authorized" ways could also be important for Indigenous people and late-19th-century Black Americans, as laying claim to racialized forms of humanity associated with tea and tablewares was one strategy

for navigating the anti-Black settler-colonial worlds they inhabited (e.g., Y. Marshall and Maas 1997; Mullins 1999; Pezzarossi 2014; Warner 1998). In other words, imported ceramics were deeply entangled with liberal humanism and the ontological border wars fought over who counted as (fully) human (see Chapter 3).

Use-wear and residues at Quarter Site B, however, suggest that enslaved Shenandoahans were not using imported ceramics to grasp onto the *homo rationalius* of their enslavers but reconceptualizing these vessels, "transgress[ing] that technology's designed function and dominate meaning" by using mugs, teacups, and saucers to eat food (Fouché 2006a, 642; also see de Certeau 1984; D. Miller 1987). These women and men were not doing this out of ignorance. Given Quarter Site B's proximity to the manor house, the people living at the site almost certainly knew someone who did domestic work for the Hites and could have told them how the Hites used teawares, if they themselves had not done so at some point in their lives and personally seen the Hites use these vessels. And yet, the evidence from Quarter Site B shows that instead of using vessels in the same ways, they rejected the ways of eating and taking tea that the Hites observed, and instead creatively reconceptualized how ceramics should be used. Doing so may have allowed enslaved women and men to redress some of the pain and suffering the Hites inflicted on them, and in the process create new ways of being human that lay outside of liberal humanism. To see why tea wares, in particular, may have been used in this way, we need to follow some of the assemblages imported ceramics moved through as they went from being commodities in stores to things enslaved Shenandoahans used in their everyday lives. A good place to start with this is the relative cost of different ceramics.

Archaeologists often use George Millers CC Index (1980; 1991) to rank the relative cost of British refined earthenwares based on their decorations, with undecorated common creamware

Table 20. Comparative cost of bowls, cups and saucers, and mugs in merchants' ledgers. All entries for cups and saucers are for full lets of six cups and six saucers. Data available in Appendix F Table, 12.

Years	Type	Number Sold	Number with Price	Price Range	Mean Price	Mode Price	Mean Price per Vessel
1795-1800	Bowls	90	90	3d to 84d	19.55d	18d	19.55d
	Cups and Saucers	28.33	27.33	18d to 108d	47.32d	39.5d	3.94d
	Mugs	30	30	3d to 36d	18.75d	16.5d	18.75d
1841-1849	Bowls	42	24	$0.0625 to $0.17	$0.112	$0.125	$0.112
	Cups and Saucers	34	31	$0.17 to $0.75	$0.345	$0.250	$0.029
	Mugs	20	18	$0.05 to $0.25	$0.086	$0.082	$0.086
1850-1862	Bowls	10	10	$0.0625 to $0.08	$0.069	$0.062	$0.069
	Cups and Saucers	11	1	$0.25 to $0.75	$0.533	$0.625	$0.044
	Mugs	4	4	$0.125	$0.125	$0.125	$0.125

being the cheapest vessels, followed by minimally decorated wares (edged plates and dipted/annular hollowwares), then hand-painted vessels, and finally transfer-printed tablewares and tea settings. The Quarter Site B tea wares are mostly hand-painted (66.99%), although some are transfer-printed (17.47%) or common creamware (1.94%), suggesting that enslaved people used costlier cups and saucers as tablewares instead of common creamware or dipt bowls. However, merchants' ledgers from the Valley (see Chapter 7) tell a different story. While ledgers rarely list decorations, they do provide the cost of various vessel forms (Table 20), which Miller does not assess (Appendix F, Table 12). Unsurprisingly, individual bowls and mugs cost less than sets of teacups and saucers. But these sets included 12 vessels (six teacups and six saucers), and on a per vessel basis, teacups and saucers were cheaper than mugs or bowls. For instance, common creamware bowls cost $0.0625 in 1843 – the same price as the most expensive teacup or saucer sold in the 1840s. Non-ceramic drinking vessels were also available, but data on 171 tin cups and 90 glass cups (Table 21) indicates that ceramic cups and saucers generally cost less (Appendix F, Table 13). As a result, enslaved women and men at Belle Grove were not necessarily seeking to acquire expensive tea wares but selecting the cheapest possible vessel that could function as a bowl. Other factors are invariably involved here, and we should not reduce

Table 21. Price of glass and tin cups in the merchants' ledgers. Data available in Appendix F, Table 13.

Years	Type	Number Sold	Prince Range	Mean Price	Mode Price
1795-1800	Glass Mug	3	26d to 60d	37.33d	26d
1795-1800	Glass Tumbler	25	8d to 54.33d	19.07d	9d
1795-1800	Tin Cups	105	3d to 10d	8.65d	10d
1795-1800	Wine Glass	16	9d to 23.83d	12.95d	9.5d
1841-1849	Glass Tumbler	36	0.0625 to $0.1875	$0.093	$0.063
1841-1849	Glasses	10	$0.043 to $0.083	$0.066	$0.066
1841-1849	Tin Cups	23	$0.04 to $.0625	$0.060	$0.063
1850-1862	Tin Cups	43	$0.03 to $0.0625	$0.057	$0.063

these choices down to mere economics, but the low cost of teacups and saucers probably influenced enslaved people's choices about what types of vessels to get from cities, towns, and country stores. And the relatively low cost of tea wares may have allowed them to shape enslaved life in various ways.

In addition to being the cheapest hollowwares sold in the Valley, teacups and saucers would have been the cheapest decorated ceramics available, since even undecorated common creamware bowls cost more than most (presumably decorated) cups and saucers. These decorations varied widely, with the 103 tea wares from Quarter Site B belonging to 43 different vessel sets with hand-painted motifs in polychrome earth tones, bright tones, and chrome colors, monochrome blue and green designs, and blue, black, brown, and purple transfer prints. This amount of variation makes tea wares the most visually diverse ceramic category at Quarter Site B. Furthermore, there is a lot of variation in tea wares throughout the site, with 65.11% of teaware vessel sets being found in just one midden or possible house site. This variation could have important effects, creating individual aesthetic styles associated with different households (Aniakor 1996; Wilkie and Farnsworth 2005, 280–88).

As mentioned in earlier chapters, notions of fungibility and the interchangeability of Black women and men were important components of enslaving assemblages (e.g., Hartman 1997; T. L. King 2019; Spillers 1987). These logics operated, in part, through food, with

Table 22. Comparative statistics on enslaved and White transactions in merchants' ledgers that include hot beverages. Data for enslaved consumers in Appendix E, Table 1. Data for White consumers in Appendix F, Table 14.

	Enslaved (1795-1806)	Enslaved (1838-1862)	White (1795-1806)	White (1838-1862)
Percentage of Transactions Including Hot Beverages	6.21%	8.80%	8.50%	12.94%
Percentage of Coffee Among Hot Beverages	41.17%	90.47%	49.30%	88.79%

enslavers arguing that a single, set amount of cornmeal and salted pork satisfied every enslaved people's dietary needs. In response, enslaved people redefined their humanities by growing extra corn, gathering nuts and wild fruit, hunting rabbits and squirrels, raising fowl, and distributing these within kin networks based on their own understanding of how much food different people needed (see Chapter 6). Eating this food from decorated tea wares that differed from household to household allowed the (relative) uniqueness of these decorations to further differentiate enslaved people, chipping away at notions of fungibility that defined enslavers' conception of Black humanity.

Our evidence suggests that enslaved people used most teacups and mugs to consume beverages. We cannot prove that this included tea or coffee, but the small abrasions in teacups from stirring, along with three imported and one locally-made teapot from Quarter Site B, suggest that this was the case. Merchants' ledgers show enslaved Shenandoahans buying coffee (n=26), tea (n=9), and drinking chocolate (n=4) (Appendix E, Table 1). Comparing these to 2,346 purchases of coffee, tea, and drinking chocolate made by White Shenandoahans (Appendix F, Table 14) shows some similar trends. Throughout the 19th century, Shenandoahans bought hot beverages more often and increasingly selected coffee over tea or chocolate (Table 22). What sets enslaved consumers apart is when they bought these drinks. For most of the year, white consumers bought coffee, tea, or drinking chocolate in 10.3% of their transactions, although this increased to 16.3% in May and June (Figure 32). This pattern fits with people using tea, coffee,

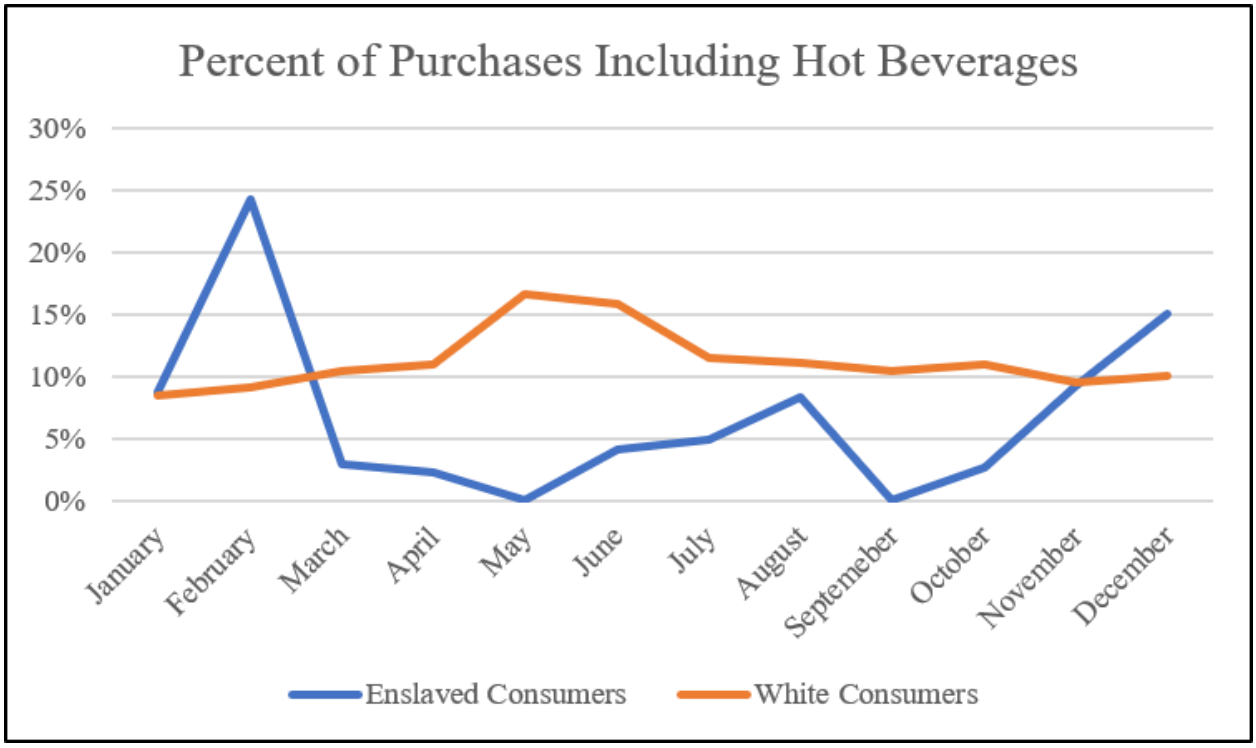

Figure 32. Percentage of purchases in merchants' ledgers including hot beverages (coffee, drinking chocolate, or tea). Data for enslaved consumers in Appendix E, Table 1. Data for White consumers in Appendix F, Table 14.

and vessels associated with them to performatively lay claim to the "rational" forms of humanity White Americans saw themselves as inhabiting, as these enactments needed to take place throughout the year.

Enslaved consumers, alternatively, preferred buying hot beverages in the colder months, with 65.78% of purchases occurring between November and February. On average, 14.4% of enslaved transactions in November through February included hot beverages, followed by 5.8% of transactions between June and August, and just 1.6% of transactions in March through May and September through October. This suggests that instead of using hot beverages to enact ways of being human associated with liberal humanism, other effects of consuming tea, coffee, and drinking chocolate may have been more important to enslaved people, like the way a steaming hot cup of tea helped an enslaved woman thaw out her hands after a day of mending fences in January or the energy a cup of coffee gave her in August when she needed to tend her garden at

night after a long day of working under the hot Virginia sun. Having affordable vessels, like teacups, to drink these beverages from may have been important for redressing some of the pain and suffering of slavery, and this could have been one of the reasons enslaved women and men chose to acquire tea wares.

Regardless of why, exactly, enslaved people at Quarter Site B acquired teacups and saucers, these vessels seem to have allowed enslaved people to build lives for themselves in multiple ways. As a result, tea wares are not only the most common ceramic type at the site but a type that enslaved people regularly acquired on their own. And this decision to acquire teacups and saucers repeated throughout time. Enslaved people at Quarter Site B acquired fewer ceramic plates, mugs, and bowls for themselves from local merchants throughout the 19th century, as 60.00% of pearlware vessels (pre-1830) are from vessels sets that are not found at the manor house, while only 33.33% of whiteware vessels (post-1820) seem to have been acquired by enslaved people on their own (see Chapter 7). Yet, they continued to acquire tea wares from cities, towns, and country stores at roughly the same rate throughout this time, as 61.22% of pearlware tea wares and 59.09% of whiteware tea wares are from sets that are not associated with the manor house. However, imported tea and tablewares were not the only ceramics that enslaved people used to make lives for themselves, and in the following chapter, we consider how the women and men at Quarter Site B used locally-made utilitarian vessels.

Chapter 9: Locally-Made Utilitarian Ceramics

On 11 September 1856, an unnamed enslaved woman bought two locally-made ceramic crocks from the Homer and Nelson store in Back Creek, Virginia (Homer and Nelson 1858, 24). Unfortunately, we know nothing about this woman aside from the fact that she bought the crocks, along with an ounce of cinnamon, on Robert Smith's account. The inclusion of a crock in an illustration of an enslaved home in John Kennedy's *Swallow Barn* (1853), a novel based on Kennedy's experience visiting his family's Shenandoah Valley plantation (Figure 33), and dozens of crocks and other locally-made utilitarian vessels found at Quarter Site B suggest that her decision to buy these ceramics was not unusual. In fact, it seems to be something enslaved Shenandoahans did on a somewhat regular basis. This means that even if we do not know who the nameless enslaved woman was, we can use data from other parts of the Shenandoah Valley to tease out the poetics of her act of consumption – the people, things, and political economies she assembled when buying the crocks and the friction generated when these components rubbed against one another.

Exploring these poetics is important for studying enslaved life in the Shenandoah Valley. In the 18th and 19th centuries, the Valley had a particularly robust ceramic industry. For many Shenandoahans, using locally-made vessels to prepare, store, and eat food was an important part of everyday life. In the early 20th century, collectors began noticing these mundane vessels, seeing in them a "particular beauty and charm" that transformed locally-made ceramics into one of the most iconic components of the region's history (Comstock 1994a; Evans and Suter 2004; A. H. Rice and Stoudt 1929, 1). When discussing locally-made ceramics, scholars and collectors

Figure 33. Illustration of Luke and Lucy from Swallow Barn, with crock in the bottom left corner. Illustration by Strother.

describe them as the singular possession of white Shenandoahans, treating local pots as things made *by* the descendants of German (and occasionally Scots-Irish) immigrants *for* the descendants of German and Scots-Irish immigrants (e.g., Comstock 1994a; Fennell 2017; Jolley 2004; A. H. Rice and Stoudt 1929; Russ 1995; 1999; Russ and McDaniel 1991b). Yet Black men worked in local potteries, and Black customers bought and used locally-made ceramics. This chapter attempts to crack open the tightly bound set of associations between local ceramics and whiteness to create new histories that recognize the contributions enslaved people made to the local ceramic industry and the ways locally-made ceramics shaped enslaved life.

Figure 34. Selection of locally-made ceramics from Quarter Site B, Belle Grove Plantation.

Archaeologists often note that enslaved Southerners used glazed utilitarian ceramics to process and store food (e.g., Wilkie 2000a). But they do not connect these vessels to specific foods, nor do they assess how these vessels affected other aspects of enslaved life. This is partly because few sites yield enough data to thoroughly explore these connections and partly because most archaeologists do not seem to consider them ceramics to be as interesting as imported tablewares. Quarter Site B has one of the largest collections of glazed utilitarian ceramics from the American South, with 3,909 sherds and at least 173 identified vessels, giving us a robust

collection for assessing these ceramics (Figure 34). This chapter looks at the political-economic effects of enslaved people's decisions to acquire locally-made utilitarian ceramics by comparing their consumption practices to those of white Shenandoahans. Based on the Belle Grove ceramics, the average enslaved woman or man in the Valley likely acquired as many vessels as the average white Shenandoahan, suggesting that enslaved people had the same economic impact on the local ceramic industry as white consumers. Next, we will talk about what enslaved people did with the ceramics once they brought them home. Combining use-wear and residue analyses (see Chapter 8) shows us that enslaved women and men used crocks and jars to store food like preserves and pickled meat, repurposed pans as cooking vessels, and kept liquids like water or molasses in jugs. Being able to store food was important for enslaved people's ability to redress the gastronomic violence enslavers inflicted on them through inadequate rations of cornmeal and salted pork (see Chapter 6), allowing enslaved people to have more to eat during the winter and early spring when other sources of food were not readily available. But first, we need to introduce Valley ceramics and the often-ignored stories of Free Black and enslaved potters.

Making Pots

The first generation of colonizers in the Shenandoah Valley relied on ceramics imported into the region from the eastern seaboard, especially from Philadelphia. However, in 1745 potters established workshops in Hagerstown, Maryland, selling their wares southward into the Valley. In the 1760s some Hagerstown potters moved into the Valley, establishing an important local industry that supplied nearly every household in the region with utilitarian ceramics for over 100 years (Comstock 1994a). The first two potteries in the northern Valley opened in the 1770s, and by the 1810s-1850s eight to 10 workshops operated in the region at any given time (Figure 35).

	1770s	1780s	1790s	1800s	1810s	1820s	1830s	1840s	1850s
Shepherdstown									
Kabletown									
Winchester									
Newtown									
Strasburg									
Woodstock									
Edinburg									
Number of Potteries:	0	1	2	3	4-5	All data from Comstock (1994)			

Figure 35. Northern Shenandoah Valley Potters in Space and Time. This chart does not include Peter Sipple, as the location of his 1846-1854 Shenandoah County kiln is unknown.

Aside from Newtown and Shepherdstown, which had three and four potteries (respectively), most towns had only one or two workshops. In the 1840s and 1850s, however, four to five workshops operated in Strasburg (over 40% of all northern Valley potteries), making it the dominant production center in the region.

Local potters made both lead-glazed utilitarian coarse earthenware and salt-glazed stoneware utilitarian vessels, with crocks, jars, and jugs being the most common forms. Before the mid-19th century, most potters made earthenwares. However, in response to new concerns about lead poisoning raised by Valley consumers in the 1850s, potters focused primarily on stoneware production for the remainder of the century (Comstock 1994a, 15–16). Potters also made an array of earthenware tablewares (dishes, bowls, pitchers, etc.), decorating many with black painted or black, white, red, or green slipped motifs, but these were rarely made after the early-19th century (Comstock 1994a, 17).

German immigrants trained most local potters, and potters of German descent owned 19 of the 21 workshops in the northern Valley (Comstock 1994a). Not surprisingly, Valley ceramics are strongly influenced by Germanic traditions. However, Black men also worked in Valley potteries. H.E. Comstock (1994a) notes two free Black potters in the region, with William Moore

potting from 1826 to 1860 in Woodstock and Strasburg, and Abraham Spencer working in Strasburg, Middletown, and Rockingham County from as early as the 1830s into the 1880s (also see Hornsby Heindl 2020). Census documents suggest other Black men worked as potters, as at least eight potters were enslavers (US Bureau of the Census 1810a; 1810b; 1820a; 1820b; 1830a; 1830b; 1840c; 1840f; 1850d; 1850e; 1860c; 1860d), with three enslaving teenage boys or men – those people most likely to work in potteries (Comstock 1994a, 355–499). Andrew Pitman enslaved three men from the 1810s to the 1830s, his brother John Pitman enslaved one man during the 1820s, and Henry Keister enslaved one man during the 1850s and 1860s. Meanwhile, at least six shop owners had Free Black people listed in their households, four of whom housed Black men and teenage boys (Andrew Pitman, Peter Lauck, Mathias Sommers, and Samuel Sommers). While these records place Black men in the households of potters in Strasburg (Keister), Winchester (Lauck), and Woodstock (Mathias and Samuel Sommers), about half of these individuals (55.55%) lived in Newtown, including 60% of enslaved men and teenage boys.

Previous discussions of the men enslaved by Valley potters dismissed their contributions by claiming, without evidence, that they were merely "cheap help around the shop" (Comstock 1994, 16). However, even if enslaved people only helped around the shop, we cannot discount the work they performed. Their labor and their skills contributed to the Valley's ceramic industry and enriched the men who enslaved them. This is especially true when we consider vessels made in Andrew Pitman's workshop, as 44.44% of the possible Black potters listed in the census records (three enslaved people and a free Black man) may have worked in his pottery.

Acquiring Pots

The history of Shenandoah Valley ceramics is not just about potters. It is also about the women and men who bought their wares (Greer and MacDonald 2020, 159). In his study of

consumption practices in the upper Potomac and northern Shenandoah Valleys, Christopher Fennell (2017) argues that interactions between consumers and locally-made ceramics produced local identities. Eighteenth and early-19th-century merchants from outside the Valley flooded the region with cheap imported ceramics. Yet Fennell's data demonstrates that Shenandoahans preferred buying locally-made vessels. While consumers throughout the mid-Atlantic bought locally-made vessels (Bloch 2016), Valley consumers stand out for the amount of locally-made ceramics they acquired. Sherds from locally-made earthenwares comprise roughly a third of the ceramics recovered from 18th- and early-19th-century sites in the Valley, most of which are utilitarian vessels (Fennell 2017, 161–78).[81]

Fennell specifically argues that Shenandoahans performed German-American identities when they bought and used local German-style ceramics. The merchants' ledgers Fennell (2003, Appendix B) uses to make this argument, however, include people of German, Scots-Irish, and English descent, and the consumption practices he identifies extend to all three ethnic groups. Therefore, the identities Fennell describes are not necessarily ethnicity-based, but race- and place-based, with buying and using locally-made ceramics creating shared sociomaterial worlds inhabited by white Shenandoahans of various ancestry. Regardless of the identities in question, this connection between consumers and local vessels provides a powerful way to theorize the effects that radiated out from the ways German/white Shenandoahans selected and used ceramics. These consumption practices also supported local potteries, with the high demand for locally-made vessels allowing the Shenandoah Valley's ceramic industry to thrive. However, as enslaved Shenandoahans also bought local ceramics, so we must also ask what effect their consumption practices had.

[81] Fennell does not provide comparative percentages from sites outside his study area.

As noted in Chapter 7, the locally-made utilitarian ceramics from Quarter Site B are primarily, if not exclusively, vessels enslaved people bought for themselves. Furthermore, the Hites probably did not distribute these to enslaved people because they would not have considered these to be something enslaved women and men needed, making it unlikely that these vessels were issued by the Hites. This is because the utilitarian forms we identified at the site (crocks, jars, jugs, and pans) would not have been needed to store or prepare rations of cornmeal or salted pork. Of the 11,092 ceramic sherds from Quarter Site B at Belle Grove Plantation, 3,507 (31.61%) are coarse earthenwares. This is in line with the average percentage Fennell provides for white consumers, suggesting that the people enslaved at Quarter Site B acquired the same percentage of locally-made earthenwares as white Shenandoahans. Unfortunately, Quarter Site B is the only early-19th-century quarter site in the northern Valley that has been excavated, so we cannot compare these numbers to other sites. If, however, Quarter Site B's ceramics are indicative of the consumption practices of other enslaved Shenandoahans, then the enslaved were just as likely to buy locally-made ceramics as white consumers. In other words, the average enslaved consumer may have affected the local ceramic industry through their decision to acquire coarse earthenwares in the same way as the average white consumer. As discussed in more detail in the following section, enslaved consumers at Quarter Site B were 2.3 times more likely to buy jugs and 18.9 times more likely to buy pans than white consumers. This may have increased the demand for these forms, potentially leading local potters to make more jugs and pans to accommodate enslaved consumers' needs and desires.

To reinforce these points, let us consider a single vessel and the potter who made it. Vessel 3.039 is a coarse earthenware crock or pan (Figure 36). While lifting the vessel off the potter's wheel, the man who made it left his fingerprints impressed in the damp clay. This vessel

Figure 36. Coarse Earthenware Sherd with Fingerprints (Vessel 3.039). The bottom of the vessel is at the top of the image. Photograph by Erica G. Moses.

is one of seven locally-made vessels from Quarter Site B with fingerprints on them, but it stands out for the quality of its prints. Their crispness grabs our attention, serving as a forceful reminder that when we talk about locally-made ceramics we are not just discussing an industry. We are also discussing potters, people whose livelihoods depended on their ability to make and sell ceramics. While we do not know the name of the potter, we know that his ability to make a living depended, at least in part, on an enslaved consumer from Quarter Site B who chose to acquire a vessel he made.

If buying and using locally-made ceramics (re)produced German and/or white identities, then the local ceramic industry was part of the broader assemblage through which these identities emerged. Because enslaved people contributed to this industry, their actions affected how local identities emerged and operated by helping to create the conditions that allowed certain groups of Shenandoahans to perform Germanness and/or whiteness, even if enslaved women and men were themselves barred from these identities and the forms of humanity associated with them, even if they wanted to claim these identities and ways of being human for themselves.

Using Pots

How did enslaved Shenandoahans use the locally-made utilitarian wares they acquired? How did these vessels allow enslaved women and men to create lives for themselves within the confines of slavery? Answering these questions requires assessing use-wear and absorbed residues from the three main types of utilitarian wares found at Quarter Site B: crocks/jars, pans, and jugs. To gain further insight into how enslaved people used these vessels, I juxtapose the archaeological data against 232 transactions in merchants' ledgers (see Chapter 7 for a complete list of ledgers) and 64 transactions from Peter Bell's Hagerstown, Maryland pottery (Comstock 1994a, 505–8) that record the purchase of 638 locally-made utilitarian ceramics by white Shenandoahans (Appendix G, Table 1).

A minimum vessel analysis of Quarter Site B's locally-made ceramics (see Chapter 7) identified 173 coarse earthenware and stoneware utilitarian vessels (Table 23). I could only identify the specific form of 68 vessels, including 39 crocks or jars, 16 pans, 12 jugs, and one lid.[82] All utilitarian wares included in a neutron activation analysis of 100 coarse earthenware and stoneware vessels from Quarter Site B were found to be from the Valley (Greer and

[82] Local merchants sold lids separately (Account Book 1800, 154), so I list the lid as its own vessel. Additionally, my list excludes three vessels that might be either utilitarian wares or locally-made tablewares.

Table 23. Locally-made utilitarian wares from Quarter Site B, by vessel form and ceramic type.

Vessel Form	Coarse Earthenware	Stoneware	Total
Crock	13	4	17
Crock or Jar	19	2	21
Jar	0	1	1
Pan	14	2	16
Jug	4	8	12
Lid	1	0	1
Indeterminate	74	29	103
Crock or Pan	2	0	2

MacDonald 2020, also see Chapter 7), so we can safely assume that most (if not all) utilitarian vessels from Quarter Site B are locally made. Therefore, to talk about how utilitarian ceramics affected enslaved life in the Shenandoah Valley is to talk about the interaction between enslaved people and locally-made vessels.

I inspected every utilitarian vessel identified in the minimum vessel analysis for use-wear following the procedures outlined in Chapter 8. In doing this I identified 212 areas on 53 vessels that could be analyzed for absorbed residues using Fourier transform infrared spectroscopy (FTIR). Of these, I analyzed 48 locations on 33 vessels, along with an additional control sample from each vessel, using the procedures discussed in Chapter 8 (Table 24). I identified 3,848 peaks from the FTIR runs and removed 3,436 peaks from 31 commonly occurring peak ranges that are likely from the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution from the dataset (Appendix G, Tables 2-4).[83] I further refined this data by removing peaks that are within 5 cm-1 of peaks associated with control samples from the 33 locally-made utilitarian vessels, five locally-made

[83] Data from the last two days of analysis (R066-R077) had significantly different FTIR peaks that seemed to lack much of the background interference from the extraction solution, so these data are presented in their own table in Appendix G (Table 3). Nothing about the laboratory procedures was altered on those two days, and nor were new bottles of solvents used. After comparing the data, it appears that R066-R077 can be used in conjunction with peaks from the other samples, and this should not affect the results discussed below.

Table 24. FTIR samples from locally-made utilitarian wares.

Sample	Vessel	Sherd	Variety	Locations Tested	Useable Peaks Identified
R001	2.017	1868.DR	Pan	3	*No*
R002	3.044	3560.CI	Pan	3	Yes
R003	2.016	2476.CE	Pan	3	*No*
R027	1.104	1507.BB	Pan/Crock	3	*No*
R028	1.113	1039.AF	Ind. Utilitarian	2	*No*
R029	1.113	2005.AD	Ind. Utilitarian	2	*No*
R030	4.002	1111.AC	Ind. Utilitarian	2	*No*
R032	1.128	1507.BK	Crock/Jar	1	*No*
R033	5.010	2723.CV	Ind. Utilitarian	1	*No*
R034	1.167	1084.AY	Ind. Utilitarian	3	*No*
R036	1.115	2129.AS	Ind. Utilitarian	2	*No*
R037	3.039	2338.BT	Pan/Crock	1	*No*
R039	1.095	1081.AI	Ind. Utilitarian	1	*No*
R040	3.028	2324.CX	Ind. Utilitarian	1	*No*
R041	1.088	2056.BE	Ind. Utilitarian	1	*No*
R042	1.086	1039.AD	Ind. Utilitarian	1	*No*
R044	n/a	3886.AI	Ind. Utilitarian	2	*No*
R059	1.088	2109.AS	Ind. Utilitarian	1	*No*
R060	1.088	1999.BY	Ind. Utilitarian	1	*No*
R061	3.031	2324.CJ	Crock/Jar	1	Yes
R062	3.032	3446.AF	Pan/Crock	1	*No*
R063	7.019	4109.BA	Crock/Jar	1	Yes
R064	3.025	3677.BE	Crock/Jar	1	*No*
R066	2.026	1007.AA	Pan	1	Yes
R067	2.030	1723.BG	Pan	1	*No*
R068	2.034	1425.CL	Ind. Utilitarian	1	*No*
R069	2.035	1023.AZ	Crock/Jar	1	Yes
R072	1.108	1039.AG	Crock	1	*No*
R073	1.156	3845.BE	Ind. Utilitarian	1	*No*
R074	1.112	2038.BK	Ind. Utilitarian	1	*No*
R075	1.125	2174.AN	Ind. Utilitarian	1	*No*
R076	2.040	1723.BB	Ind. Utilitarian	1	*No*
R077	1.155	3810.BX	Crock/Jar	1	Yes

tablewares, and 20 imported tablewares (see Chapter 8), leaving me with 12 analyzable peaks from eight vessels (Appendix G, Table 5).

Crocks and Jars

Crocks and jars are tall, cylindrical storage vessels, with the major difference between the two being their rim diameters (Comstock 1994a, 69–72; Ketchum 1991a, 32). The rim of a crock is as wide, or wider, than the diameter of its base, while the rim of a jar is smaller than its base. Because of these forms' similarities, it was difficult to differentiate them, hence the combined category of crock/jar. Crocks and jars are the most common utilitarian ware at Quarter Site B (55.40%) and in the ledgers (91.69%).[84] These vessels are primarily used for storing food (especially pickles, preserves, and butter), letting Shenandoahans preserve fruits, vegetables, and dairy products year-round. White Shenandoahans bought 63.24% of their crocks and jars, including all vessels identified as pickling jars/pots, between July and October, the time of year when most people were likely preserving produce in preparation for winter and early spring (e.g., I. Hite 1847, 184–87).

I observed wear on 22 crocks/jars (Appendix G, Table 6). Most (80.37%) wear marks were on vessels' interiors, the most common of which (n=35) were narrow (1mm) horizontal linear abrasions running along interior walls. Laura Banducci (2014) and James Skibo (1992) note that such wear often comes from scrubbing vessels with abrasive substances (sand, wheat/rice chaff, etc.) to clean them, and this may be the case here. Other wear on the interior walls includes small to large (1-12mm x 1-5mm) horizontal (n=12), indeterminate (n=10), and vertical (n=1) ovaloid abrasive striations, narrow (1-2mm wide) diagonal linear abrasions (n=6), an abrasive patch, and two large (8-9mm x 7mm) fatigue spalls. Medium to large (3-8mm x 1-5mm) abrasive striations (n=7) and an abrasive patch were also located on the interior bases of two vessels. The large amount of abrasive wear suggests that these vessels routinely had their

[84] I include vessels listed as "pots" in this category as this catchall term was used to refer to crocks and jars (Ketchum 1991a, 32–33).

contents stirred within, or scraped out of, them. A mixture of fatigue spalls (n=4) and abrasive striations (n=4) and patches (n=1) were present on the interior rims, most likely from placing lids onto, and removing lids from, these vessels. Similar wear was present on the exterior rims (six abrasions and six spalls), along with abrasive wear on foot rings (n=2), and a mixture of spalls (n=2) and abrasions (n=5) on exterior walls. The combined wear suggests that crocks and jars were used for their intended purpose of storing preserved foods, as the interior wear is consistent with people stirring food (possibly while preparing it to be preserved) and/or taking food out of the vessels, while the rim wear suggests that lids were placed on these vessels. The relative lack of exterior wear also fits with this interpretation, as storage containers are not handled regularly but placed out of the way for weeks if not months at a time until people pull them out to remove food from them.

The FTIR data supports this interpretation and sheds some light on the types of food enslaved people at Quarter Site B preserved in crocks and jars. Seven crocks/jars were analyzed by FTIR and four had peaks associated with food (Table 25). Vessel 1.155 has peaks at 2478 cm-1 corresponding to steeped black tea (although this is unlikely to be the substance that caused this peak), 1937 cm-1 that does not correspond to anything in the reference library, and 2401 cm-1 corresponding to saltpeter (potassium nitrate), which is used in preserving meat. Multiple references exist to enslaved Southerners pickling beef, pork, and venison (Covey and Eisnach 2009, 101, 233, 241, 252) and the merchants' ledgers contain two entries for enslaved men buying saltpeter (Account Book 2 1797), so it is quite likely that enslaved people at Quarter Site B were pickling meat in crocks/jars to preserve it. Vessel 2.035 has a peak at 598 cm-1 corresponding with blackberries and cucumbers, suggesting that it held pickles or preserves/jam, both of which enslaved southerners made to store food (Covey and Eisnach 2009, 266, 276–78).

Table 25. Peaks from crocks and/or jars associated with food.

Vessel	Run	Location	Wear Mechanism	Trace	Peak	Likely Source
1.155	R077-1-B2	Wall	Abrasive	Patch	2478	Black tea (2475)
					2401	Potassium nitrate (2399)
					1937	Indeterminate
2.035	R069-1-B2	Wall	Abrasive	Patch	598	Blackberry (599)
						Cucumber flesh (598-595)
3.031	R061-1-B3	Wall	Fatigue	Spall	1420	Animal Fat (1417)
						Black tea (1417-1411)
						Cabbage (1417)
						Cassava starch (1417)
						Cherry Flesh (1420-1411)
						Corn Coffee (1423-1414)
						Cornmeal (1423-1411)
						Corn starch (1415)
						Glutamate (1415)
						Green tea (1417-1411)
						Meat (1420-1418)
						Okra (1416)
						Peach Flesh (1417-1414)
						Potato starch (1419)
						Raw squash (1417-1411)
						Raw turnip green (1420-1414)
						Sorghum (1420)
						Starch (1424, 1415)
						Turnip (1417-1414)
						Watermelon rind (1423)
7.019	R063-1-B3	Wall	Abrasive	Striation	2583	Thiol (2600-2550)

Vessel 3.031 had a peak at 1420 cm-1 corresponding to a wide assortment of foods, preventing us from narrowing down what was stored in this vessel. Vessel 7.019 had a peak at 2583 cm-1 corresponding to thiol, an organosulfur compound found in a variety of plant- and animal-based foods, making it impossible to associate this peak with any one type of food.

Seventy-six percent of the crocks from Quarter Site B are lead-glazed coarse earthenwares, with the rest being stonewares. This likely resulted from a combination of the selections available in the region, the relative costs of stoneware and earthenware, and enslaved

people's needs. The Homer and Nelson store in Back Creek sold two stoneware and 12 earthenware jars between 1849 and 1858. The stoneware jars cost $0.375 each, while the average earthenware jar cost $0.198 ($11.30 vs. $5.65 in 2020, respectively) (Homer and Nelson 1851, 41, 42, 208, 209, 223; 1858, 32, 56, 67). Clays used to make stonewares have more silica which vitrifies and fuses when fired at over 1,200°C to create denser, more durable vessels (Comstock 1994a, 65–66). Investing in stoneware vessels could be beneficial if consumers needed crocks/jars that could withstand more wear and tear. However, if enslaved people at Quarter Site B only used crocks and jars to store food, they were not handling them very often, reducing the benefit of acquiring expensive stonewares. This may have led enslaved consumers to consider stoneware an unnecessary expense, accounting for the preponderance of earthenware storage vessels.

Pans

Pans are wide, shallow vessels with outwardly sloping sides, giving them a large rim diameter (Ketchum 1991a, 28). These vessels are mostly used for processing food, especially separating cream from fresh milk. The ledgers only list white Shenandoahans buying eight pans, accounting for 1.25% of the utilitarian wares. Tin pans replaced ceramic vessels in much of the United States by the mid-19th century, providing a more durable, "lighter, and easier to clean" alternative at an equivalent price ($0.25 each in 1850) (Homer and Nelson 1851, 81, 192; Ketchum 1991b, 28). Valley merchants sold tin pans in the 1790s, so these may have replaced ceramic pans in the late-18th century. In his classic study on Valley ceramics, H.E. Comstock (1994a) notes that local potters made pans, but he does not include pans in his introductory remarks on the typical forms made in the region, furthering the impression that these vessels were not commonly purchased in the Valley.

Despite this, pans account for 21.62% of the utilitarian vessels from Quarter Site B. The use-wear and FTIR analyses suggest three possible ways that enslaved women and men at Quarter Site B used pans (Appendix G, Table 7). Most (62.5%) pans lack observable wear, suggesting that they were used in ways that did not mar their surfaces. As a result, I could not test these for absorbed residues, since my samples need to come from areas where the glaze chipped away, allowing food/beverage to seep into ceramics' porous bodies. Processing dairy is unlikely to leave observable traces on vessels since milk was placed inside and left to rest until cream could be scooped off the top. Several enslaved people in the northern Valley made and sold butter (Milton 1849; Homer and Nelson 1858). For instance, Mary Foster, a woman enslaved at Mount Airy (immediately southeast of the Hites' Long Meadow Track), made eight pounds of butter per week from 42 gallons of milk her cow produced (Foster 1878, 19). We do not know if anyone living at the site had a cow, but if they did the unworn pans could have been used to process milk.

Three pans (2.026, 2.030, 3.032) have small to large (2-12mm x 1-7mm) abrasive striations running horizontally (n=17) or in indeterminate directions (n=6) along their interior walls. This suggests that they were used for preparing something other than dairy products since this type of wear is unlikely to be associated with milk pans. Two of these pans were tested for absorbed residues (Table 26), and Vessel 2.026 had a peak at 2634 cm-1, although this could not be matched with any substance in the reference library, preventing us from determining what, exactly, enslaved women and men did with these pans.

Table 26. Peaks from pans associated with food.

Vessel	Run	Side	Location	Wear Mechanism	Trace	Peak	Likely Source
2.026	R066-1-B1	Interior	Wall	Abrasive	Striation	2634	Indeterminate
3.044	R002-3-B2	Interior	Wall	Thermal	Charred Encrustation	2524	Indeterminate
						879	Green tea (885-870) Arabinogalactan (879) Cucumber flesh (876-870) Egg yolk (874) Polysaccharides (874)

The remaining three pans have dramatically different use-wear (Figure 37). Vessel 2.017 has discoloration from direct contact with a heat source on its interior (n=6) and exterior (n=1) walls, along with soot on its exterior (n=1), and three sherds have charred encrustations sitting on top of the interior glaze. Vessel 3.044 also has charred encrustations (n=2) and a soot mark on its exterior wall. Vessel 2.016 has thermal discoloration on its interior walls (n=4) and base (n=1) and soot on its exterior walls (n=2) and base (n=2). It also has patches of fatigue spalls (n=3) and abrasions (n=1) on its interior base and walls from utensils striking and abrading the pan.[85] Local kilns separated the firebox from the ceramics (Comstock 1994a, 36–40), preventing them from coming into direct contact with heat sources, and none of these three pans were recovered from the burned debris of Cabin 1 making it unlikely the thermal alterations occurred during the manufacturing process or the house fire. Instead, it is more likely that enslaved people at Quarter Site B used these pans as cooking vessels. To determine what kinds of food they cooked in these pans, I analyzed three samples from each vessel using FTIR, and only Vessel 3.044 had peaks

[85] Given other wear on Vessel 2.016, it is possible that the spalling is from thermal wear instead of fatigue. However, Skibo (1992) notes that thermal spalls generally occur in parts of a vessel that are not in direct contact with food, and as the spalling is getnally on the base and the lower walls (where food is most likely to be located) it seems that this is more likely to be the result of fatigue spalling.

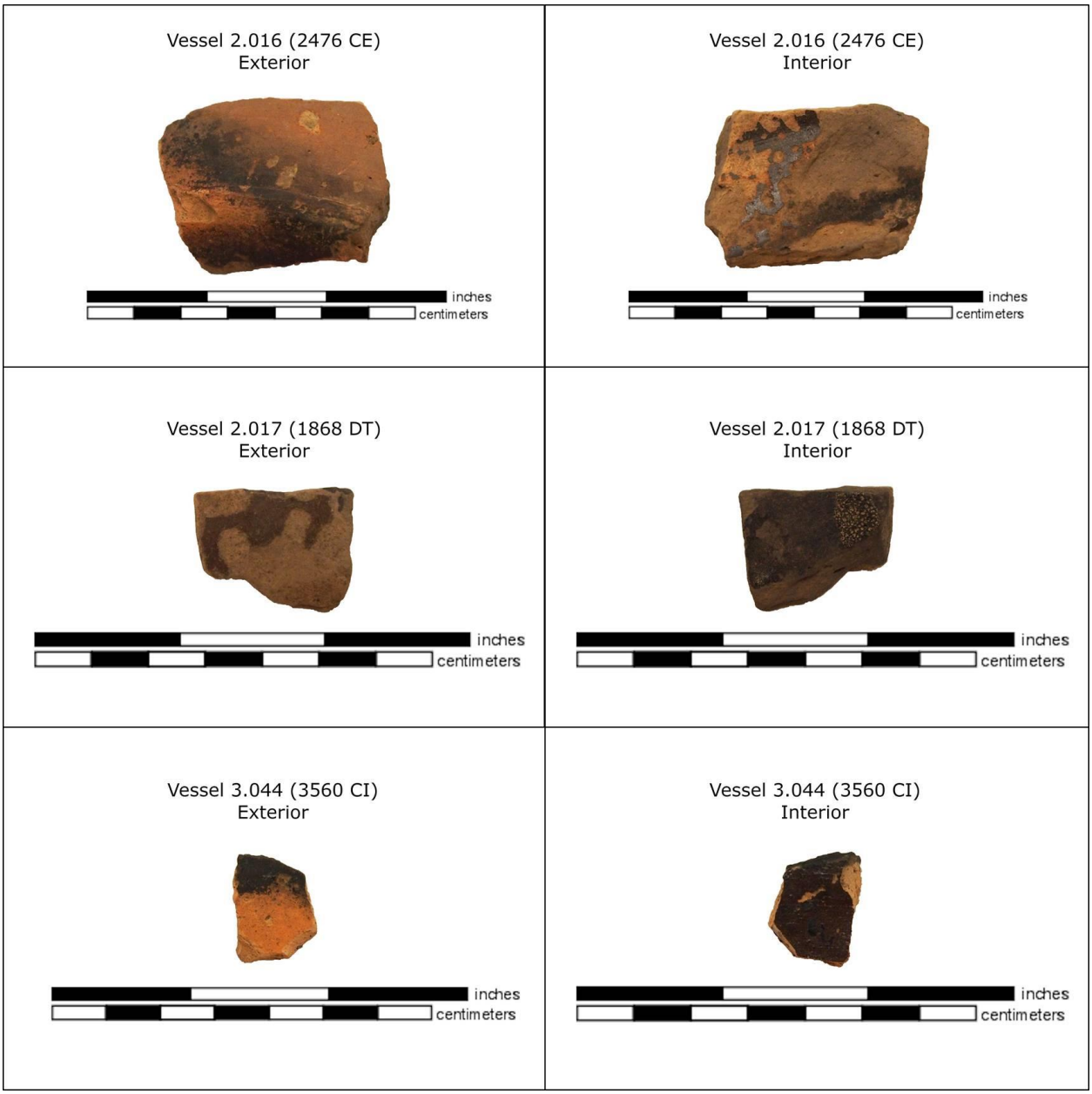

Figure 37. Thermal wear on locally-made pans. Photographs by Erica G. Moses.

associated with absorbed residues. However, this included a peak at 2524 cm-1 that could not be matched to any substance in the reference library and another at 879 cm-1 corresponding to a wide assortment of foods. The inability of the FTIR data to identify what was cooked in these pans is probably due to chemical changes that occur when food burns, which destroys many of

the specific compounds that are assessed through residue analysis (Barnard and Eerkens 2017) and should not be taken as evidence that the pans were not used for cooking.

Most enslaved Virginians cooked in cast iron vessels that enslavers issued to them or that they acquired themselves (Account Book 2 1797, 557). The residents of Quarter Site B also used vessels like these, as 19 fragments of cast iron cooking pots have been recovered from the site, including the lid to a large pot or Dutch oven. In contrast to iron pots, ceramic vessels do not heat food as efficiently and crack if they get too hot too quickly (possibly the ultimate fate of the three pans described above), so they need to be used at lower cooking temperatures for longer periods (Bloch 2016, 248; Skibo and Schiffer 2008, 15). James Skibo (2013, 31–36) argues that these differences lead to metal and ceramic pots being used for cooking different types of food. When boiling starches, like the cornmeal that comprised a large portion of enslaved Virginians' diets (e.g., Samford 2007, 127), the goal is to quickly boil water and then let the food simmer until fully cooked. Cast iron pots work better for this, as they can withstand more thermal shock than ceramic pots. When stewing vegetables and meat, on the other hand, the ingredients are generally cooked for a longer amount of time, tenderizing them and allowing flavors to develop. However, longer cooking times increase the possibility of pots boiling over, potentially extinguishing the fire used to cook the food. Here, the reduced heat efficiency of ceramic pots is beneficial, as it drastically reduces the likelihood of pots boiling over even when left unattended. Additionally, Southern cooks considered some food, like okra soup, to be "inferior" if cooked in "any[thing] but an Indian [ceramic] pot" (Randolph, cited in Ferguson 1992, 90). However, none of the other utilitarian forms identified at Quarter Site B have evidence of thermal wear, so it is worth asking why enslaved people specifically used pans as cooking vessels.

Three morphological characteristics of pans make them better suited for cooking than crocks or jars. First, pans have wide rims, with those from Quarter Site B having diameters that range from 26-36cm, which gave enslaved people room to stir food cooking within them (Skibo 2013, 34). Crocks and jars, on the other hand, have narrower rims, with the rims from Quarter Site B being 14-24cm wide, making it difficult to stir their contents. Second, pans have wide bases. The narrowest from Quarter Site B has a diameter of 16cm, making them relatively stable vessels. Crocks and jars have comparatively narrow bases, with the widest from Quarter Site B being 14cm in diameter, possibly making them less stable when placed on a bed of uneven coals (Skibo 2013, 32). Finally, pans are around twice as wide as they are tall, whereas crocks and jars are around 1.3 times taller than they are wide (Comstock 1994a, 510–11). Therefore, pans allow more food to come into contact with the heat radiating upward from the vessels' base, letting it cook evenly. The narrowness of crocks and jars, alternatively, would limit the amount of food that came into contact with their bases, making cooking in them less effective without increasing the heat, which risks burning food closer to the bottom and/or cracking the vessel, or constantly stirring, which would have been difficult with their narrow openings.

Jugs

Like crocks and jars, jugs are tall cylindrical storage vessels, but with narrower, easily plugged openings that keep liquids stored in them from evaporating (Comstock 1994a, 72; Ketchum 1991a, 30). At 6.89% of the vessels listed in the ledgers, jugs were the second most common utilitarian ware white Shenandoahans bought. At Quarter Site B, jugs are the third most common utilitarian form, but they account for 16.21% of the identified vessels. What did these jugs let enslaved people do that made them want to acquire these vessels more often than white consumers did?

No wear patterns on the jugs point to alternative uses, so the site's residents may have only used the vessels for their intended purpose of holding liquid (Appendix G, Table 8), although we cannot rule out alternative uses as may not have left wear marks (e.g., Arjona 2017b, 189–90). Molasses could be stored in jugs and enslaved consumers bought molasses more often than white consumers. Between 1795 and 1806, 3.55% of transactions in merchants' ledgers involving enslaved people included molasses, with the average consumer buying 0.54 gallons (2.04L). By comparison, 0.59% of transactions involving white Shenandoahans included molasses, and the average white customer bought 0.50 gallons (1.89L) (Appendix G, Table 9). By 1838-1862 enslaved consumers still bought molasses more often than white consumers (10.00% of transactions vs. 6.73%), although they had begun buying less molasses per transaction (0.31 gallons [1.17L] vs. 0.55 gallons [2.08L]). Merchants did not sell pre-packaged molasses, so enslaved consumers needed containers to buy and store this substance. While glass bottles were available, they were less durable and more expensive than ceramic jugs (a one-pint bottle cost 7.5 pence in 1800 while a "small" jug cost 4.5 pence) (Account Book 1800, 76, 123). Therefore, jugs may have allowed enslaved Shenandoahans to buy and store molasses more often than white consumers, and in the process, allowed molasses to play a larger role in enslaved foodways than in the diets of white Shenandoahans in the early-19th century.

The residents of Quarter Site B could also have used the jugs to store water. The closest known water source to the site is a springhead approximately 150m downhill. The most direct route to the springhead involves a steep slope (approximately 15^{o}), which could be avoided by taking a more indirect route along the plantation's road network, bringing the round trip to around 400m. Enslaved people worked for hours each day doing arduous agricultural tasks, especially in the summer (see Chapters 5 and 6), and the inhabitants of Quarter Site B may have

found these trips difficult after a day spent toiling in Belle Grove's wheat fields. The women and men at the site may have acquired more jugs than white consumers because these vessels allowed them to keep a supply of water at the site (also see Reeves 2011) that they could refill at times that worked for them.

Two-thirds of the jugs from Quarter Site B are stoneware, making it the only category where stonewares make up more than 25% of the vessels. Based on the relative cost of stoneware and earthenware crocks and jars, we can assume stoneware jugs cost more than earthenware jugs.[86] However, William Ketchum (1991a, 30) notes that jugs can be fragile. Lifting a jug by its handle transfers the entire weight of the vessel and its contents to the handle, adding stress that may break the jug. While we do not know the capacity of the jugs from Quarter Site B, one-gallon (3.78L) jugs made by the Bell family in Strasburg weighed 3.4kg (Comstock 1994a, 508–10). Or, as Toni Morrison (2004, 143) puts it, jugs were "always" heavy, "even when empty." If we add to this the weight of a gallon of molasses (approximately 5.4kg) or water (approximately 3.6kg), then a jug's handle had to support 7-8.8kg. As stonewares are more durable than earthenwares, their handles would be less likely to break, potentially making them a better investment. Additionally, as enslaved people carried jugs to and from the springhead, or to and from local market towns, they may have bumped or dropped them, potentially breaking the vessel and spilling its contents. The extra durability of stoneware jugs made them less likely to break when these accidents occurred, and this may have influenced enslaved consumers' decisions to select these vessels.

[86] The Homer and Nelson Account Book lists one stoneware jug sold between 1849 and 1858, which cost $0.1875 (Homer and Nelson 1851, 161). However, I was not able to determine comparative costs for stoneware and earthenware jugs as the price of the other 15 earthenware jugs they sold during this time varied unpredictably.

Dangerously Redefining Enslaved Humanities

The evidence suggests that enslaved people primarily used locally-made utilitarian ceramics to make and store food, which connects these vessels to our earlier discussion of hunger (see Chapter 6). Enslavers issued weekly rations of cornmeal and salted pork/fish that rarely provided enough food for enslaved women and men, especially during the summer months when they worked long hours under the hot Virginia sun. This lack of adequate rations became assembled with discourses about enslaved people's humanities that enslavers used to justify slavery, creating arguments that rations provided a wholesome and nutritious diet for enslaved people because they had different biological needs than white Americans. To redress the pain and suffering caused by insufficient rations, women and men enslaved at Belle Grove tended gardens, raised poultry, hunted, fished, and gathered nuts, fruit, and greens. Through these actions the women and men enslaved at Belle Grove engaged in an ontological counter politics, redefining their humanities on their terms by proclaiming that they could not survive on the food the Hites issued to them. However, what we did not discuss earlier is the temporality of these politics (also see Perry 2017). Certain types of food are only available at certain times of the year. In Virginia's relatively temperate climate, peaches, plums, cherries, blackberries, tubers, cucumbers, corn, and walnuts have limited growing seasons, providing food for a few months at best. This tethered enslaved people's ability to redress the gastronomic violence imposed on them and to redefine their dietary needs to seasonally available foods. In other words, they could not sate their hunger or redefine their humanities using freshly gathered wild plums in the winter or early spring, as these fruits were not available. That is unless enslaved women and men could preserve plums, making them available (at least in some form) throughout the year. Because of

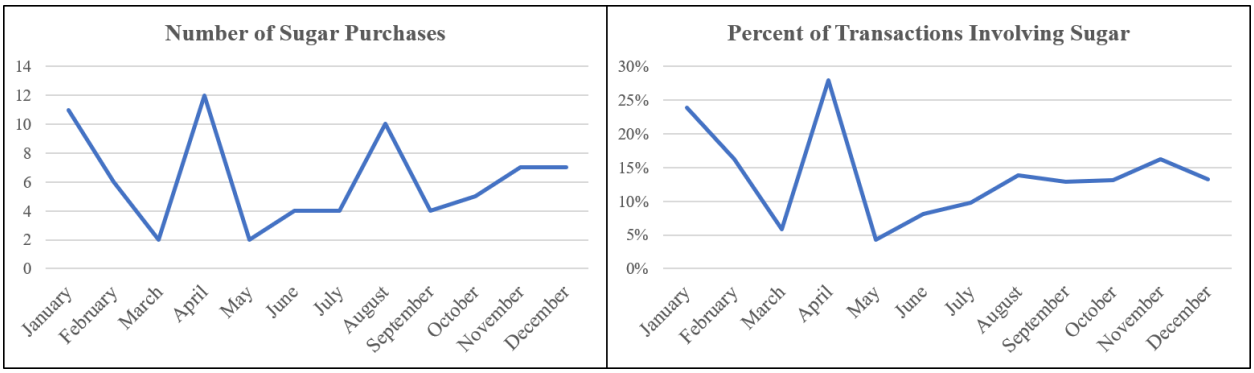

Figure 38. Sugar purchased by enslaved consumers, by month. Data is available in Appendix E, Table 1.

this, storing food may have been an important part of the ontological politics of hunger in the Shenandoah Valley.

One way of doing this, at least metaphorically, was to exchange fresh produce in the summer and fall for cash or credit that could be "stored" until it was exchanged for food in the winter or early spring. Merchants' ledgers show that January was the second most common month for enslaved customers to buy sugar (Figure 38), with these purchases providing a cheap source of calories to supplement meager rations when other foods were not available. A woman enslaved by Samuel Bell also bought a pound of cheese in Winchester on 7 January 1846 (Milton 1849, 35), possibly for the same reason. Other foods could be directly preserved in various ways. Corn could be easily dried and stored for months, especially when kept in "wooden box[es]," "gourds," or other containers that kept rodents out (Northup 1853, 169). Potatoes and cabbage keep well when stored in cool, dark places, while sweet potatoes are best stored in warm, dark locations. Depending on its location relative to the cabin's chimney base (which we did not find in our excavations) the root cellar (Feature 3) and subfloor pit (Feature 24) under Cabin 1 could

have met either of these conditions, allowing the women and men living in the house to store food well into the winter (Samford 2007).[87]

Other foods, like cucumbers or blackberries, store better when pickled, or as jams, jellies, or preserves. Here, crocks and jars are especially important as they are designed to store these foods. The women and men living at Quarter Site B may have also raised pigs or cattle since we know that other enslaved Shenandoahans did so. Slaughtering these animals or hunting larger mammals like deer created an abundance of meat that enslaved people needed to preserve if they wanted to eat it in the future. Since they most likely did not have access to smokehouses to cure this meat, pickling it in crocks/jars may have been their best option. The relative amount of crocks and jars attest to the importance of storing food in them, as one out of every seven or eight vessels (13.53%) from Quarter Site B whose form I could identify was a crock or jar. This indicates that these vessels may have been important components of the ontological politics enslaved Shenandoahans enacted to redefine their humanities. However, we cannot suggest that storing food in crocks and jars was *only* about these politics. Pickled meats and jams taste different and have different textures than their fresh counterparts, and enslaved people may have also stored food in this way because they liked the way they tasted.

The repurposed pans used for cooking also contributed to these politics. If we are correct that enslaved people used these to prepare something other than cornmeal, then the food cooked in the pans would have been procured by enslaved people. In other words, the pans helped transform the raw food enslaved people worked so hard to get into cooked food that helped them stave off hunger. Furthermore, since foods prepared in ceramic vessels take longer to cook,

[87] Subfloor pits are small cellar features commonly found under the homes of enslaved Virginians. Patricia Samford (2007) argues that these could have been used as shrines, storing personal items, or, when located in front of a chimney base, storing sweet potatoes, but the size of the subfloor pit at Cabin 1 (approximately 7’ x 4’) makes food storage the most likely use of this feature.

enslaved cooks probably did not use these pans every day, likely using cast iron pots most of the time and pulling out pans on Sundays or other days they might have more time to devote to cooking. If so, these pans and the cooks who used them might have broken up the harsh temporality of enslaved life, punctuating weekly routines with distinct tastes and smells. Cooking and eating these foods could be social events that brought people together, letting (grand)parents hand laden plates to (grand)children, lovers pile food into saucers for their hungry partners, or friends and neighbors serve meals to each other. The bonds created and maintained in these social spaces redressed the fungibility of Black flesh, and allowed enslaved women and men to reject enslavers' notions that all enslaved women and men should be given the same amount of food by deciding on their own how much food different people should get.

Using lead-glazed vessels to enact these politics, however, could be dangerous. Lead glazes in the Valley are composed of, on average, 43.77% lead oxide (Greer and MacDonald 2022), but because they are fired to relatively high temperatures (over 950^{O}C), the lead is generally unable to leach food stored in them (Comstock 1994a; Szalóki et al. 2000; Somogyi et al. 1999). Unfortunately, lead glazes can easily contaminate food if acidic substances are stored in vessels for long periods or if the vessels are heated up, and enslaved women and men at Quarter Site B used lead-glazed earthenwares in ways that met both conditions. Meat, saltpeter, and salt have neutral pH levels, so crocks/jars of pickled meat were probably safe from lead contamination. But fruits and vegetables are generally acidic (Table 27) and preserving them in lead-glazed crocks and jars along with acidic substances like sugar or vinegar would have caused lead to leach into the food. The longer it was stored, the more contaminated the foods would have become. Cooking in lead-glazed pans also applied enough heat to these vessels for lead to seep into food (e.g., Gersberg et al. 1997). We do not know how this lead affected the women,

children, and men at Quarter Site B, but it is inconceivable that it would not have affected how they saw and moved through the world around them.

Interacting with utilitarian wares could affect enslaved life in the Valley in a variety of ways. These vessels allowed enslaved women and men to store water, molasses, and/or certain types of food, just as they (unfortunately) contaminated these substances and the hungry people who ate them with lead. Utilitarian vessels also allowed enslaved people to engage in certain forms of ontological politics and to redress the pain and hunger from inadequate diets well into the winter and early spring when other food sources were not readily available. These stories are just as much a part of the history of Shenandoah Valley ceramics as the role they played in (re)producing German/white identities. However, these were not the only locally-made clay objects that affected the lives of enslaved women and men at Belle Grove. In the following chapter, we consider the role brick chimneys played in the ontological politics of enslaved life.

Table 27. PH values of various foods that might be stored in crocks and/or jars. Data from Clemson University (n.d.), Pick Your Own (2021), and McGlynn (2016).

Food Item	pH	Source
Apples	3.3 to 4.0	Clemson n.d.
Beans (General)	5.6 to 6.5	Clemson n.d.
Beans (Lima)	6.5	Clemson n.d.
Beans (String)	5.6	Clemson n.d.
Beans (Wax)	5.3 to 5.7	Clemson n.d.
Blackberries	3.9 to 4.5	Clemson n.d.
Butter	6.1 to 6.4	Clemson n.d.
Buttermilk	4.4 to 4.8	Pick Your Own 2021
Cabbage	5.2 to 6.8	Clemson n.d.
Cherries	3.8 to 4.5	Clemson n.d.
Corn	5.9 to 7.5	Clemson n.d.
Corn (Hominy)	6.0	McGlynn 2016
Cucumbers	5.1 to 5.8	Clemson n.d.
Cucumbers (Pickled)	4.2 to 4.6	Clemson n.d.
Cucumbers (Pickled, Dill)	3.2 to 3.7	Clemson n.d.
Eggplant	4.5 to 5.3	Clemson n.d.
Gooseberries	2.8 to 3.1	McGlynn 2016
Greens (Turnip)	5.4 to 6.2	Pick Your Own 2021
Jam (General)	3.5 to 4.5	Clemson n.d.
Jam (Raspberry)	2.9 to 3.2	Pick Your Own 2021
Molasses	5.0 to 5.5	Clemson n.d.
Okra (Cooked)	5.5 to 6.6	Clemson n.d.
Onions	5.3 to 5.9	Clemson n.d.
Peaches	3.3 to 4.1	Clemson n.d.
Persimmons	5.4 to 5.8	McGlynn 2016
Plums	2.8 to 4.6	McGlynn 2016
Potatoes	5.4 to 5.9	Clemson n.d.
Pumpkin	5.0 to 5.5	Clemson n.d.
Raspberries	3.2 to 4.0	Clemson n.d.
Rhubarb	3.1 to 3.4	Clemson n.d.
Sauerkraut	3.3 to 3.6	Clemson n.d.
Squash (General)	5.2 to 6.5	Clemson n.d.
Sugar	5.0 to 6.0	Clemson n.d.
Sweet Potatoes	5.3 to 5.6	Clemson n.d.
Tomatoes	4.3 to 4.9	Clemson n.d.
Turnips	5.2 to 5.5	Pick Your Own 2021
Vinegar	2.0 to 3.4	Clemson n.d.

Chapter 10: Brick Chimneys

[S]uddenly there was Sweet Home, rolling, rolling, rolling out before her eyes, and although there was not a leaf on that farm that did not make her want to scream, it rolled itself out before her in shameless beauty. It never looked as terrible as it was and it made her wonder if hell was a pretty place too. Fire and brimstone alright, but hidden in lacy groves. Boys hanging from the most beautiful sycamore trees.
(Morrison 2004, 7)

Sparks floated upward into the chimney. This had happened countless times before, but tonight one landed on a patch of oily creosote. Instead of going out, the spark began glowing brighter and brighter until the creosote caught fire, turning the chimney into an inferno, and causing flames and smoke to spew into the cabin it was attached to. I do not know the names of the enslaved women, children, and men who may have been in House Site 1 when this happened, or even how many people lived in the cabin. But we can sympathize with the terror that would have gripped them as they scrambled to get everyone out of the burning house, and the sense of loss that would have followed immediately afterward as their belongings went up in flames (see A. F. Moore 1865).

This chapter is about House Site 1 at Belle Grove Plantation, the fire that demolished it in the 1850s, and the brick chimney the fire started in. But understanding this tragic event requires exploring the landscape around the log cabin, the political work architecture did within the enslaving assemblages that made Belle Grove possible, and the ways enslaved people reassembled the chimney with their own definitions of order and humanity so they could build lives for themselves (also see Angelo 2017). Ultimately, this chapter is about the power struggles that occurred in plantation landscapes. Other archaeologists have studied the political aspects of plantation landscapes throughout the Americas (e.g., Armstrong 1999; Bassett 2020; Bates 2015; Chidester 2009; Cochran 2021; Delle 1998; 2014; Edwards 1998; Epperson 2000; McKee 1992;

Randle 2011; Singleton 2001; 2015a; 2015b; Symanski 2012; Upton 1984). But I differ from them by emphasizing two aspects of landscapes that rarely get discussed. The first is a focus on the ontological politics of plantation landscapes and how these not only reproduced racist political economies that advanced slavery but how they specifically reproduced white supremacist definitions of humanity that underwrote slavery (sensu Wynter 2003) and how, in turn, they became places where enslaved people engaged in ontological counter-politics by actively redefining their humanities. The second is the materiality of plantation landscapes, specifically how the physical qualities of bricks at times advanced and at other times frustrated enslaver's definitions of humanity and the ideas of order they depended on. Focusing on these brings about archaeological perspectives on plantation landscapes that let us theorize the lives of enslaved people in new ways.

Cartographic Projections of Order and Humanity

As discussed throughout *Assembling Enslaved Lives*, an intense ontological politics waged over the definition of humanity and who could count as fully human played out in sites of slavery throughout the Americas (Wynter 2003). In short, 19th-century enslavers defined themselves as fully human by proclaiming themselves to be rational and orderly, attributes they considered to be the hallmark of humanity. At the same time, they defined Black women and men as ontologically different, as people who were inferiorly human because they could not attain the racialized ideals of order that enslavers considered to be their birthright (e.g., Z. I. Jackson 2020; Judy 2020; T. L. King 2019; Weheliye 2014; Wynter 2003; 2006; 2015). These white supremacist discourses provided the ontological basis for slavery, placing Black people in a racialized form of humanity enslavers considered to be enslaveable. However, “definitions belong to the definers – not the defined” (Morrison 2004, 225; also see Baldwin 1993, 4), and the

available evidence strongly suggests that enslaved people in the Shenandoah Valley did not accept the ways white Shenandoahans defined their humanities. Rather, the data presented in the previous chapters indicate that enslaved Shenandoahans engaged in an ontological counter-politics by creating definitions of what it meant to be human that lay outside white supremacist ideologies.

Previous chapters discussed the role agricultural labor, food, consumption practices, and ceramics played in these ontological politics. But Tiffany King (2019) demonstrates that they also played out through landscapes. Using an 18th-century map of South Carolina, she discusses how colonial cartographic designs emerged from enslavers' growing anxieties about Blackness and their desire to spatially order the world in ways that proclaimed themselves to be fully human. In other words, they used maps to define themselves as the cartographic embodiment "of spatial coherence and logocentric order" and as the orderly possessor of "the objects and bodies that appear[ed] on… map[s]" (T. L. King 2019, 88). This was done through cartographers' aesthetic choices, such as having a neat, orderly list of enslavers' names and their estates on maps and having these be the only human presence in the territory claimed by white enslavers (also see Tinsley 2010, 72–80; K. A. Thompson 2006).[88]

Similar discourses are present in two early-19th century maps of the Shenandoah Valley. The first is Charles Varle's and Benjamin Jones's "Map of Frederick, Berkeley, & Jefferson Counties in the State of Virginia" (1809) (Figure 39). As the name suggests, this is a map of these three counties in the northern Valley. It is an exceptionally accurate map listing the location of dozens of homes, mills, and roads (E. G. Moses 2018). Yet, the map is defined as

[88] This stands in marked contrast to how 18th-cenury maps depicted West Africa, where it was Africans who were neatly and orderly displayed on the landscape. However, in this context, this cartographic practice was more likely mapping out what Europeans considered to be the location of exploitable resources (people who could be enslaved) than attempting to stake out Africans' claim to the landscape.

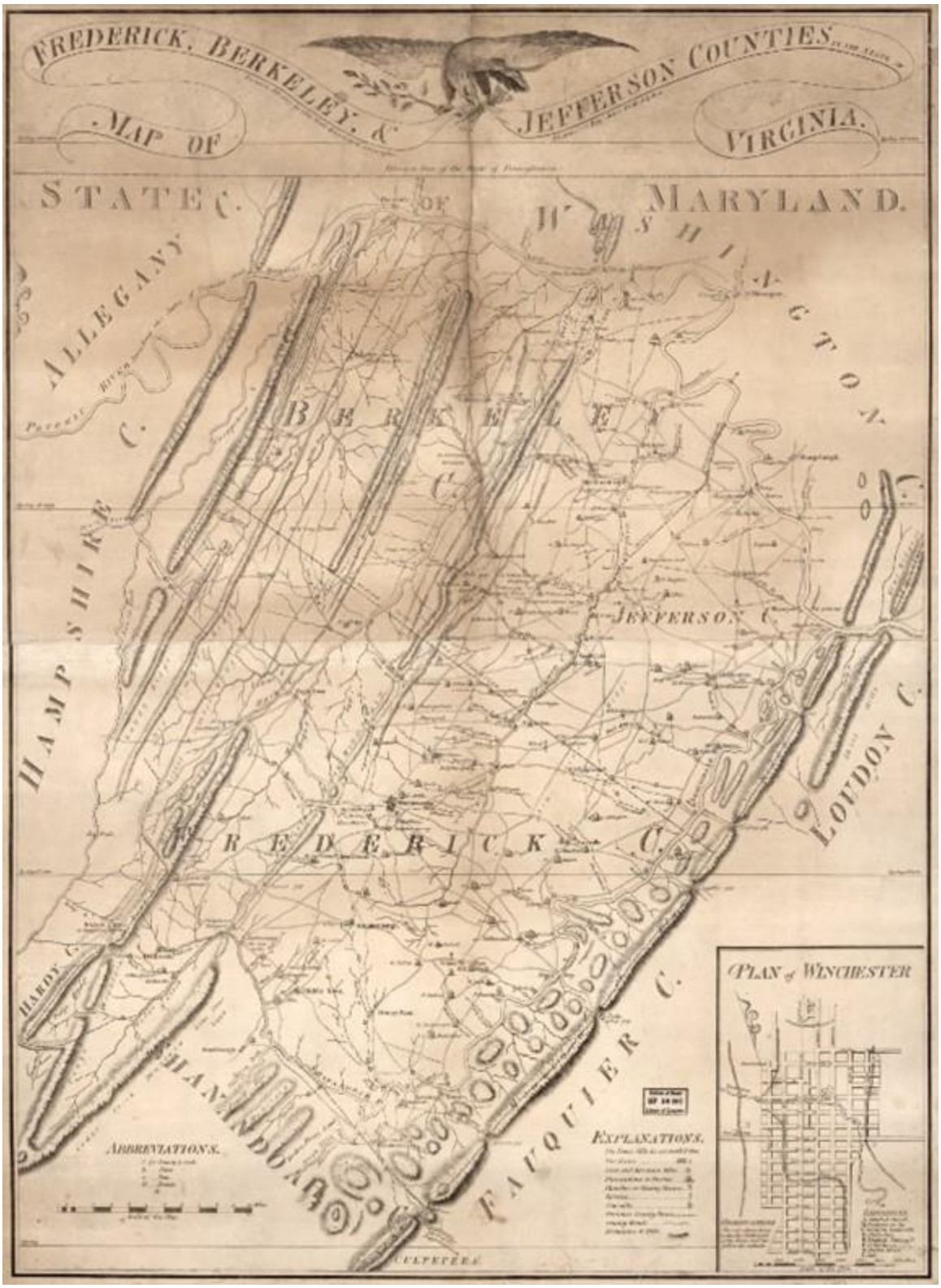

Figure 39. Map of Frederick, Berkeley, & Jefferson Counties in the State of Virginia by Varle and Jones, 1809. Image courtesy of the Library of Congress.

much by what it lacks as what it portrays. Focusing on the area between Cedar Creek and

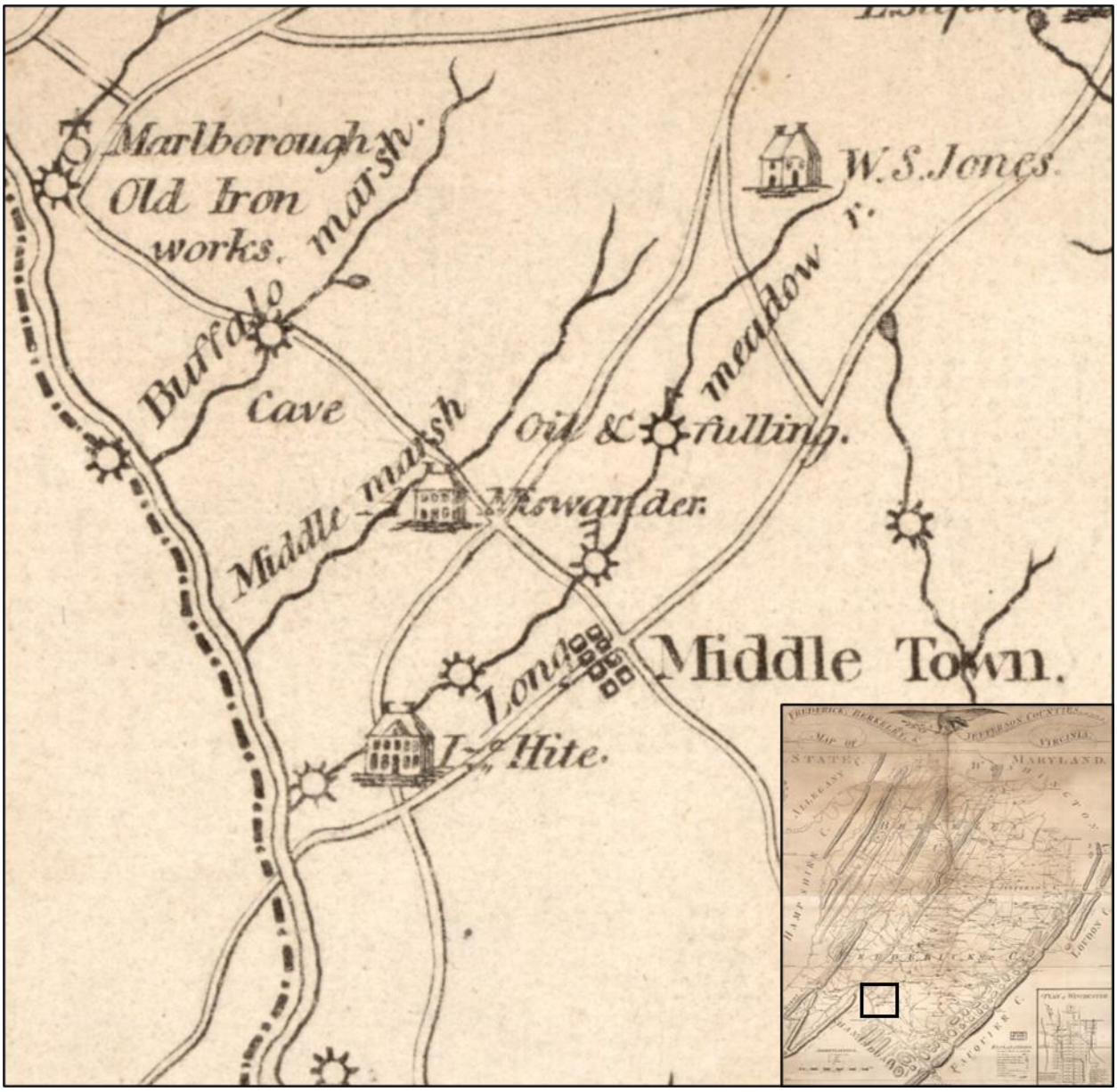

Figure 40. Inset from Varle and Jones's map, showing the area around Belle Grove Plantation ("I. Hite"). The location of the Vaucluse plantation, discussed below, is labeled "W.S. Jones." Image courtesy of the Library of Congress.

Newtown (Figure 40), the map depicts major roads, mills, and other agro-industrial complexes. But the only other buildings are the homes of three wealthy enslavers, Isaac Hite (Belle Grove), Abraham Nieswander (Nieswander's Fort), and W.S. Jones (Vaucluse). There are no barns, outbuildings, poor or middling white households, or enslaved quartering sites. This stems from the fact that it cost money to have your house included in the document, making it a map of rich

white families and where to find some of the things they profited from. But, focusing on the poetics of this map (sensu Glissant 1997), the way it composes the landscape and the effects that emerge from these compositions (see Chapter 2), what comes into focus is a cartographic projection of white enslavers as the sole inhabitants and sole proprietors of the region. It portrays these enslavers in an incredibly orderly manner, with their homes and names neatly printed, projecting a "spatial coherence and logocentric order" onto these elite families that worked to define them as fully human (as they would have understood it) (T. L. King 2019, 88). Because no one else is depicted on the map, the document only applies this definition of humanity to enslavers.

The second map is a plat of W.S. Jones's Vaucluse plantation (Vaucluse Plat 1815) between Middletown and Newtown (Figure 41). Unlike the Varle and Jones map, the Vaucluse plat only depicts this plantation, focusing on the 1,122-acre estate's boundaries, the location of buildings within the plantation core, and demarcating plots/fields within the estate. These plots, which are the dominant features on the map, are irregularly shaped, as Valley fields tend to be, likely respecting landforms instead of creating well-ordered, regularly sized fields that imposed the rationality enslavers craved onto the landscape. But this is not to say that the map is unorganized. Each plot has its acreage inscribed in it, and the total acreages are calculated in the upper left corner of the document. Most plots are also color-coordinated, shown in blue, brown, green, red, and yellow. Blue plots are listed as woodlots, suggesting that other colors indicate fields lying fallow, used for pasture, and/or planted with different grains (see Chapter 5). As with Varle's and Jones's map, this document was made for a specific purpose, one that did not necessarily require showing the terrain or where the 27 women and men enslaved by Jones lived (US Bureau of the Census 1810a). But as with the other map, depicting Jones and his family as

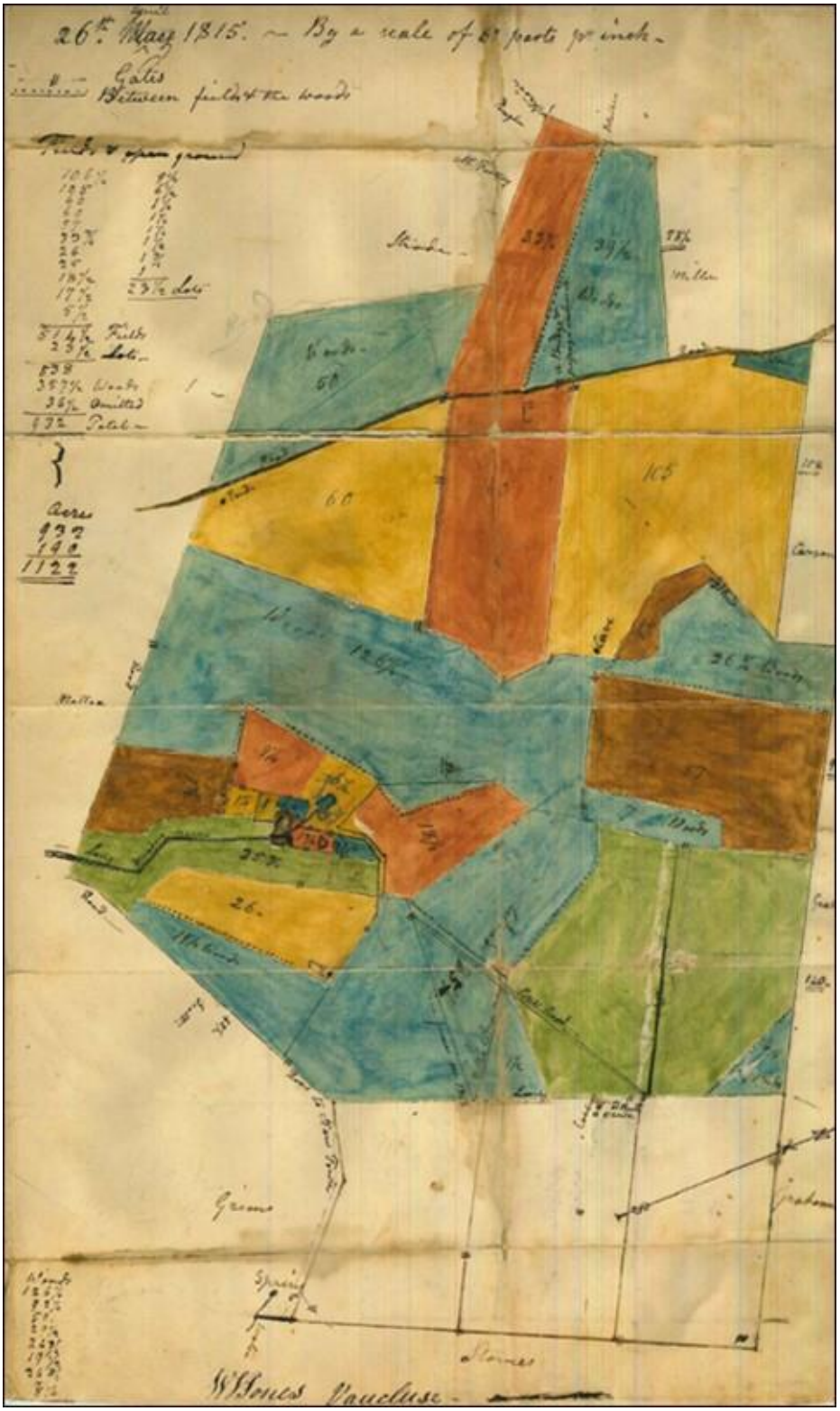

Figure 41. Plat of Vaucluse farm, April 26, 1815. Image from the Ann C. Randolph Jones Family Papers Collection (451 THL) at the Stewart Bell, Jr. Archives Room, Handley Regional Library, Winchester, Virginia. Image courtesy of the Bell Archives.

the sole occupants of this well-ordered, color-coded landscape did political work, defining the Joneses in ways they considered to be orderly, rational, and fully human.

Orderly Landscapes and Racializing Bricks

Black bodies… were fundamental to the construction of the plantation as a white space where the white settler-master could dwell and self-actualize as the archetypical human. The slave's racialized body is used to construct this space as the space of civil society, as the space of the living.
(Haymes 2018, 43)

While they emerged from broader discussions about what it meant to be human, 19th-century maps did not circulate widely. Valley elites may have hung copies of the Varle and Jones map in their parlors, but most people did not have access to their homes, nor could they afford to buy a copy of the map themselves. Plats like the one of Vaucluse were more common, but they were generally stored with other legal documents in dwellings and courthouses and consulted only when needed. But enslavers also engaged in these racist discourses in more quotidian ways by materially enacting them on plantation landscapes through architecture (M. H. Johnson 2002; 2013; 2015; Khatchadourian 2016; Leone 1984; A. T. Smith 2003; 2015; for more on plantation architecture Bates 2015; Delle 1998; 2014; Leone et al. 2005; Rothenberg 2021; Singleton 2001; 2015a; 2015b). The best way to see this at Belle Grove is to look at how the Hites and other white Shenandoahans experienced the landscape when moving through it.

For white Shenandoahans, getting to Belle Grove required traveling along the Great Wagon Road (modern Rt. 11), which was the plantation's southern boundary, and turning north onto what is today Belle Grove Road (VA 727), which cut through the property (Figure 42). The first structure a passerby would come to is a one-and-a-half-story limestone building used as the plantation's office and as a general store. Just beyond the office and store, the road curves

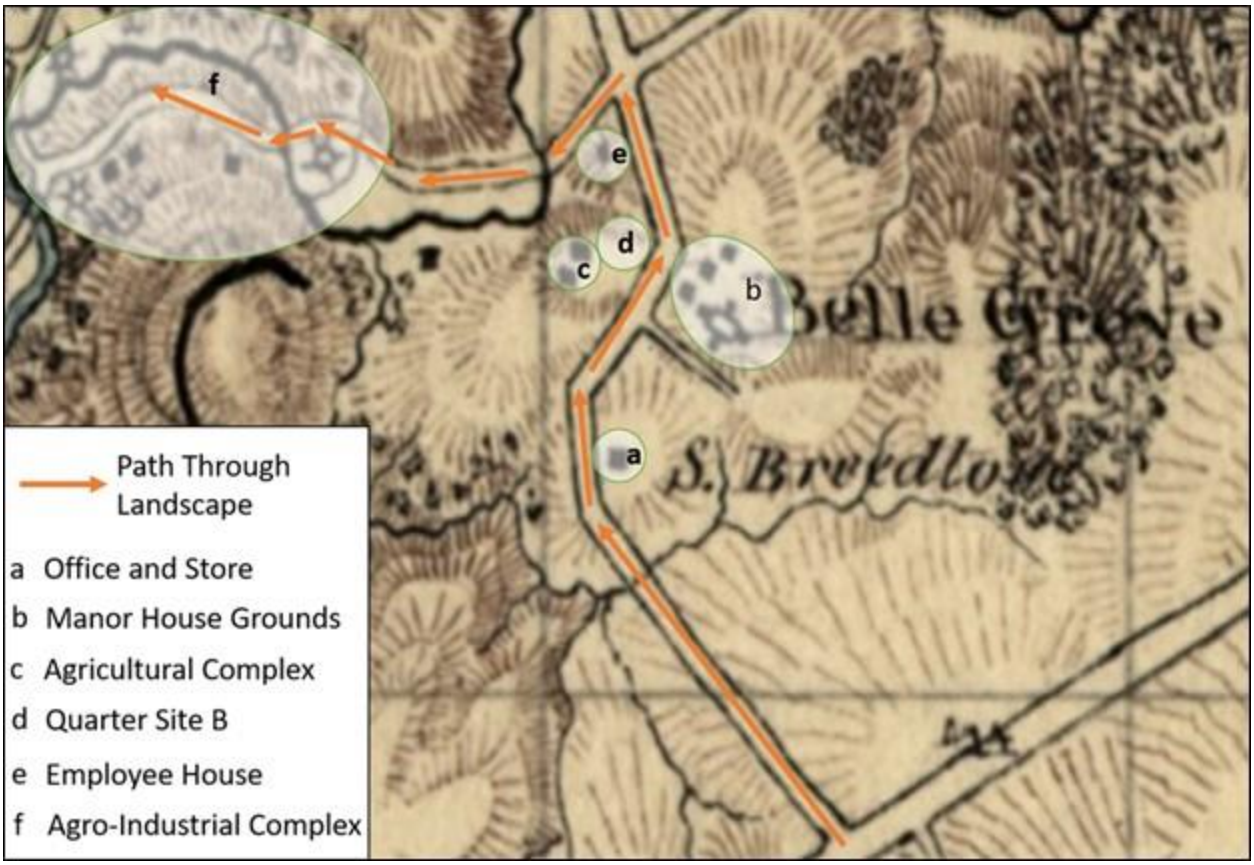

Figure 42. Plantation tour of Belle Grove. Background map is "Sketch of the Battle of Belle Grove or Cedar Creek" by Jedidiah Hotchkiss, 1864. Image courtesy of Library of Congress.

slightly eastward and two areas fully come into view. Looking from left to right, the first buildings are part of an agricultural complex with several sheds, a large stable, and a sizeable barn (Figure 43). Between this complex and the road are several log cabins with brick chimneys associated with Belle Grove's main quartering site, Quarter Site B. If it's a Sunday there would be enslaved women, children, and men doing chores and socializing around the cabins. On any other day, there might just be a dozen or so children and a few elderly people keeping an eye on them. Across Belle Grove Road is the plantation's manor house, an imposing 100' long one-and-a-half-story limestone dwelling with imported Aquia sandstone coining and window trim (Figure 44). Scattered around the manor house are a series of outbuildings including a smokehouse and an icehouse made of a combination of wood and limestone, and Old Hall, a wooden two-and-a-

Figure 43. Manor house grounds, 1860s. The manor house is in the center of the image, with Old Hall to the left, and an outbuilding in between the two. The lighter-colored stones at the corners of the manor house and above the windows are the sandstone coining and trim (respectively). Image courtesy of Belle Grove, Inc.

half-story house with two limestone chimneys. Behind the manor house was a large garden, and to the right of the house stood the plantation's orchard. Moving onward, a few hundred feet beyond the quarter site is a log cabin with a limestone foundation and chimney where white families employed by the Hites lived. And just beyond this, Belle Grove Road intersects with Middle Road (VA 624). Going left leads to several agro-industrial buildings, including a storehouse, a grist mill, a sawmill, and a distillery, all made of limestone and wood. Going right leads to the neighboring property (Cedar Grove). And straight ahead, Belle Grove Road continues to pass through the plantation, eventually leading to the Hites' Rockville estate.

The landscape the hypothetical traveler experienced was highly organized. As Erica Moses and I discuss elsewhere (2018), Belle Grove was laid out on two perpendicular axes that intersect at Old Hall (Figure 45). The first, running roughly north northeast to south southwest, connects the office and store, Old Hall, several outbuildings behind Old Hall, and the plantation's enslaved burial ground. The second, running roughly east southeast to west northwest, connects the orchard, the manor house, an extant limestone outbuilding, Old Hall, and

Figure 44. Barn (right) and stable (left) at the agricultural complex (44FK521). Taken from Photo 11.9, by Thomas D. Biscoe, 30 July 1884. Image courtesy of Marietta College.

what my team and I think might be the location of the large barn in the agricultural complex across the road. Quarter Site B is noticeably off-grid, with the site's houses located north of the second axis. This was likely intentional, positioning the quarter in such a way that the Hites and their guests standing on the front lawn could not see the cabins or be seen by the women, children, and men living in them. In fact, no other houses would have been visible from the front lawn, or when gazing out the front windows. This manipulation of lines of sight allowed the Hites and their guests to live out the fantastic emptiness maps projected onto 18th- and 19th-century maps and to play out the experience of being the sole inhabitants of the landscape.

This layout was not implemented all at once. It incorporated structures paid for and built by enslaved women and men's forced labor before 1780 (Old Hall), during the 1780s (the office and store), the 1790s (the manor house), and c. 1800 (Quarter Site B), not to mention the enslaved burial ground, the barn, the stable, and other outbuildings around the manor house I do not have firm dates for. This highly orchestrated landscape and the decades-long planning that went into it would have reproduced the Hites' understandings of rationality and order, defining them as fully human within the racist definitions of humanity they ascribed to while simultaneously making excuses for the brutal violence they inflicted on Black women, children,

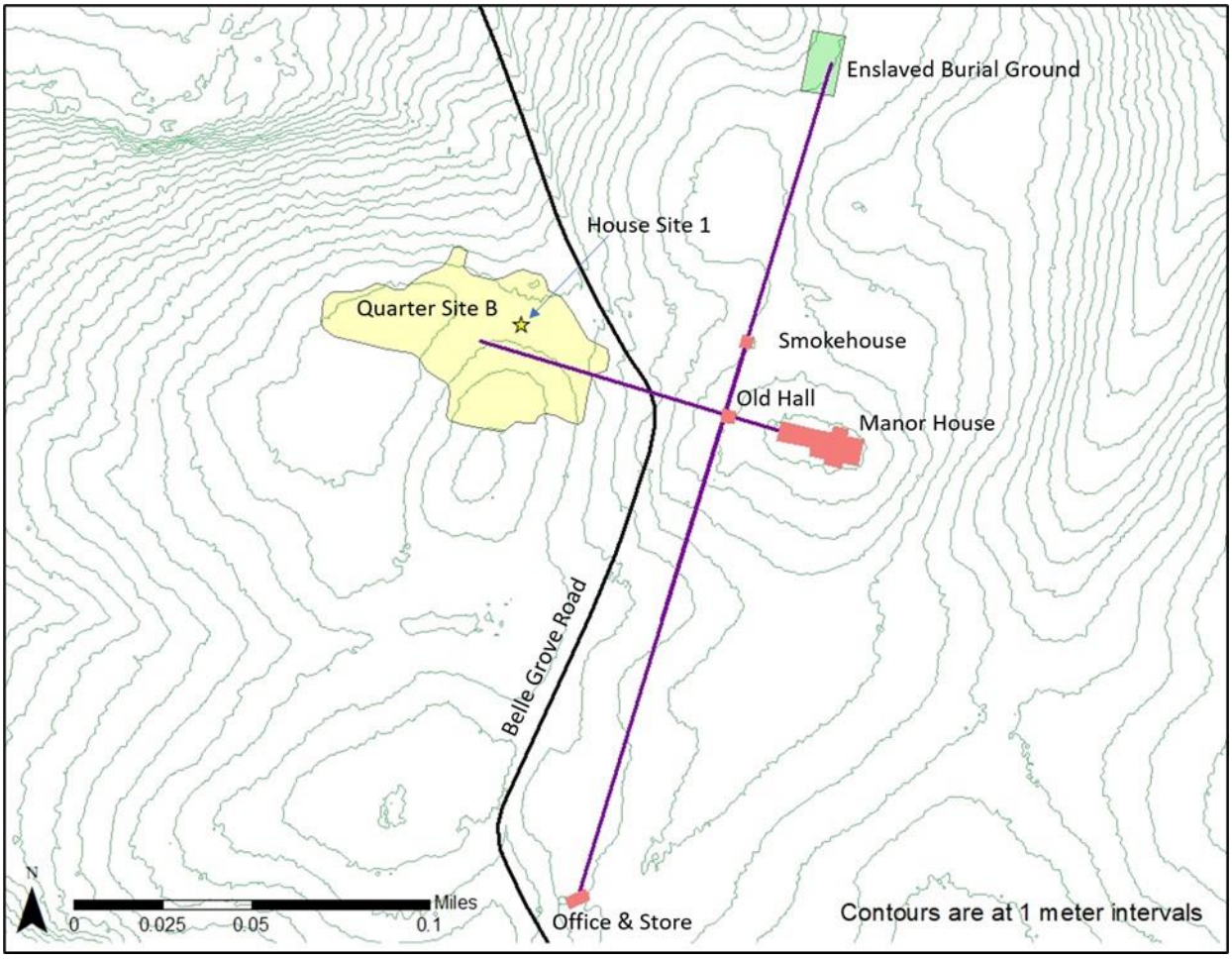

Figure 45. Two axes of the plantation landscape at Belle Grove. The location of the barn and several other buildings on the landscape are not depicted as we have not confirmed their exact placement archaeologically. Similarly, the orchard is not shown as we do not know its extent in the early-19th century. Map by Erica G. Moses.

and men to extract profits from their labor and their bodies. As Toni Morrison states in this chapter's epitaph, plantation landscapes can be beautiful, but they were also places of extreme violence. As a result, it is possible to admire the layout of Belle Grove and the orderly way the Hites arranged buildings and lines of sight, to appreciate the cartographic talent that went into the Varle and Jones map, or be fascinated by the color-coordinated fields of the Vaucluse plat. But to do so responsibly requires recognizing the ontological violence and terror this landscape and these maps created, and the ways this justified accumulating profits from Black flesh (sensu Spillers 1987).

Manipulating plantation landscapes in this way was common in the late-18th- and early-19th centuries, especially at Virginia plantations like James Madison's Montpelier (Pasch 2019; Reeves 2016; Reeves and Greer 2012) and Thomas Jefferson's Monticello and Poplar Forest (Epperson 2000; Gary and Proebsting 2016; Hallock 2017; Neiman 2008; Trussell 2012). The Hites frequently corresponded with Madison and incorporated Jeffersonian architectural details into the manor house, so they were probably aware of how the landscapes at Montpelier and Monticello were organized and how Belle Grove fit into these larger spatial practices. More broadly, Belle Grove was part of a hemispherical conversation about how to materially enact enslaver's definitions of humanity that took place in European outposts dotting the African coastline, in slave ships, on plantations in the Valley, Brazil, and Cuba, and in the halls of power in Europe. Without materializing these discourses and the definitions of humanity they produced, slavery could not have operated. Yet, there is no way of knowing if visitors and passersby were fully aware of the political work Belle Grove's landscape was doing (see M. H. Johnson 2002, 15; Pollard and Gillings 1998, 144). But another aspect of the plantation landscape would have been readily apparent.

Thinking back to the plantation tour, the office and store was built of limestone, as was the manor house, the icehouse, and an extant outbuilding on the manor house grounds. Archaeological research shows that Old Hall, three other buildings on the grounds, and a free-standing bake oven had limestone foundations (Geier 1995; Greer 2022; Rockwell 1974). Old Hall may have also had a one-story limestone addition on its north façade. The white employee house has a limestone chimney base, a continuous limestone foundation on its south façade, and limestone piers on its north façade (Geier and Zienty 2001; Greer 2021). All the identified buildings in the agro-industrial complex have limestone structural elements. In short, limestone

is one of the primary building materials at Belle Grove. And this makes sense, given that limestone is everywhere at the plantation. The bedrock in this part of the Valley is composed of limestone, and the plantation core is severely eroded, with exposed limestone outcroppings seen throughout the property. Furthermore, the northern portion of the plantation is located on a vein of high-quality New Market limestone and a historic quarry has been identified at Belle Grove (Geier and Whitehorne 1994). This is where enslaved women and men may have gotten stone used in many of the buildings at the plantation. And yet, one building stands out among the rest. Of all the extant and excavated structures at Belle Grove, only House Site 1 at Quarter Site B has brick structural elements. Excavations at the cabin recovered 119.43kg of brick fragments and 2.21 kg of mortar. My team and I did not find any evidence of a foundation, so this relatively large amount of brick probably came from a chimney. Additionally, 83.75% of the cabin's bricks came from a 15' x 9' area, strongly suggesting the presence of a chimney fall (Figure 46).[89] While it is possible that the brick is from a hearth/chimney base, we recovered substantially more brick than has been recovered at excavations of cabins with brick hearth/chimney bases (e.g., A. Marshall 2011; Trickett 2013b), making this unlikely.

The houses enslaved Virginians lived in often had stick and mud chimneys (Figure 47) (e.g., Hallock 2017; Kelso 1984, 106; Reeves and Greer 2012; Ryder 1991). Perhaps the most detailed account of these comes from John Pendleton Kennedy's *Swallow Barn* (1853, 449–50), a novel set in Tidewater Virginia but based on the landscapes and discourses Kennedy interacted with while visiting his family's Shenandoah Valley plantation. He writes (1853, 450):

> The chimneys communicated even a droll expression to these habitations. They were, oddly enough, built of billets of wood, having a broad foundation of stone, and growing narrower as they rose, receding gradually from the house which it was attached, until it reached the height of the roof. These combustible materials

[89] Other architectural artifacts (nails, hardware, window glass, etc.) do not cluster in the same way, suggesting that the brick concentration is not the result of debris being piled up in a single location after the fire.

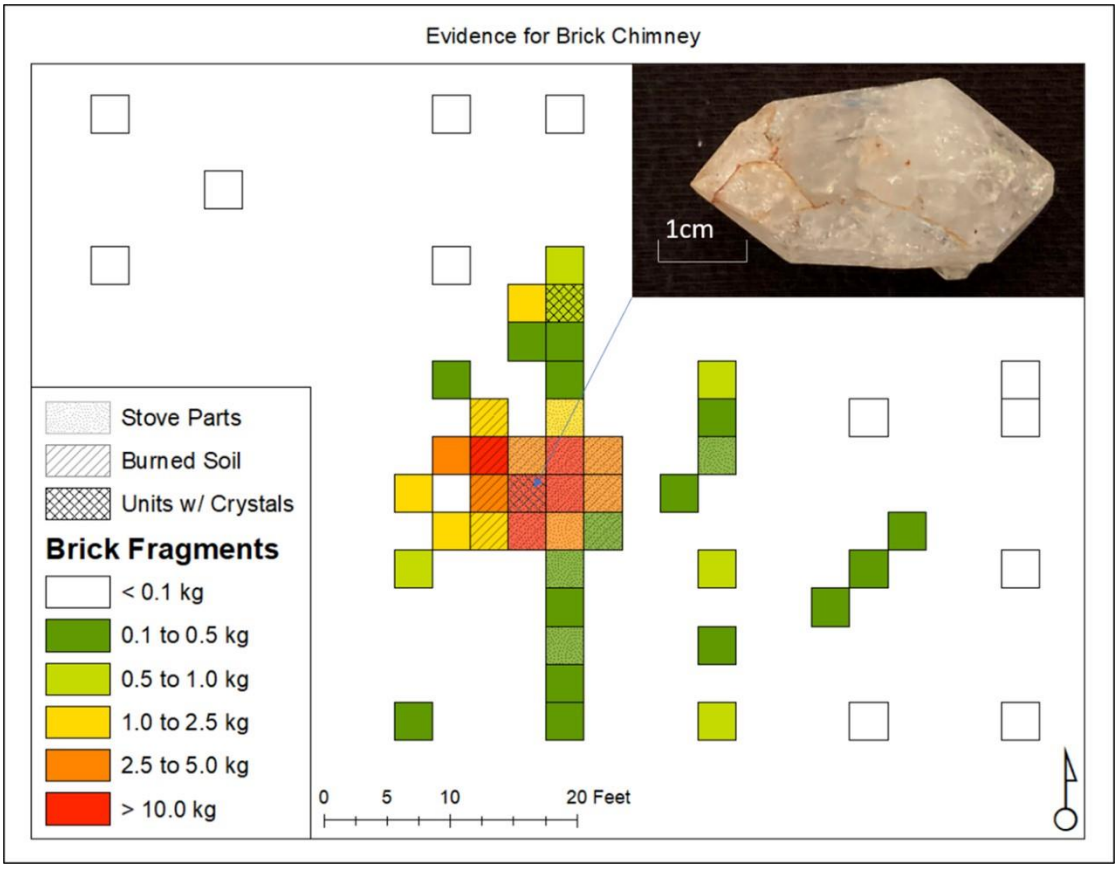

Figure 46. Evidence for the brick chimney. Block of units in the center of the map is the area excavated to find the extent of House Site 1. Dataset presented in Appendix H, Table 1. Map by author.

> were saved from the access of fire by a thick coating of mud; and the whole structure, from its tapering form, might be said to bear some resemblance to the spout of a tea kettle….

Because these chimneys are so common in Virginia, I would have expected House Site 1 to have one. But instead, it had a masonry chimney. It is possible that enslaved women and men living at House Site 1 wanted a masonry chimney and chose to build one for themselves. However, if they had I would expect it to be made of limestone. In addition to the quarry mentioned above, limestone cobbles and boulders are found throughout Quarter Site B and the surrounding fields, making this material widely available. Instead, the cabin has a brick chimney. Because bricks were not widely used at Belle Grove, there would not have been stockpiles left over from other construction projects that enslaved people could use, so the bricks were bought specifically for

Figure 47. Photograph of a cabin with stick and mud chimney, Bon Air, Virginia, 1888. Note the wooden chimney off the left side of the cabin and the two poles supporting the chimney. Also, note the lack of grass around the cabin, likely indicating the presence of a swept yard. Image from Stottman and Stahlgreen (2017, 9).

the chimney. Bricks from the site are indistinguishable from those made in workshops in the northern Valley in their size, color, and inclusions, suggesting that they were made by brickmakers in local towns instead of onsite by enslaved people.[90] We also found bricks scattered throughout Quarter Site B, indicating that other cabins had brick structural elements and suggesting that House Site 1's chimney was part of a larger discussion about how cabins should be constructed. As a result, I argue that the widespread use of this expensive building material (relative to limestone) suggests that the Hites selected and paid for the bricks, even if it was enslaved people who did the hard work of constructing these chimneys.

[90] I was unable to perform experimental and archaeometric studies to provide further evidence for this argument before this chapter was written. I am working to secure funds and laboratory access to perform this analysis.

There is other evidence that suggests that the Hites dictated how Quarter Site B looked and what went inside of the cabins, most notably the fact that House Site 1 had a cast-iron stove attached to its brick chimney.[91] Stoves were expensive, costing between £2.7 and £12.35 each in 1796 ($281 and $1,476 in 2020, respectively) (Account Book 2 1797, 256, 270), and enslaved Southerners despised stoves as they did not provide as much light for their homes as open hearths (N 1856), making it unlikely that enslaved people bought the stove for themselves. As a result, it is likely that the Hites bought the stove and insisted that it be installed in the cabin. In other words, the Hites mandating brick chimneys for the cabins would be in keeping with other choices they made about Quarter Site B.

There are a variety of reasons the Hites could have made this choice. White Southerners often commented on the condition of enslaved people's houses (American Farmer 1826; Edwards 1998, 254; Farmers' Register 1837b; Milo 1849; Spirit of Jefferson 1853c), including their chimneys (American Farmer 1833; Macomb 1827; N 1856; J. Taylor 1814, 122). As it abutted Belle Grove Road, Quarter Site B was highly visible to white Shenandoahans traveling through Belle Grove, so the Hites may have insisted on masonry chimneys as a public statement of their wealth to passersby. Masonry chimneys were also more appealing to white aesthetic tastes, rising upwards at right angles instead of leaning away from houses. The Hites may have used masonry chimneys to create a more orderly, visually appealing landscape from their perspective. Despite their "thick coating of mud," many stick and mud chimneys eventually caught fire (Kennedy 1853, 450; J. Taylor 1814, 123), and masonry chimneys may have been the Hites way of preventing the chaos of a chimney fire from igniting on their orderly landscape.

[91] I do not know if other cabins at Quarter Site B also had stoves, so I cannot speculate on whether the stove marked House site 1 and its occupants as different from the other people in the quarter or if stoves were present in all the cabins at the site.

Any (or all) of these could have influenced the Hites' decision. But these goals could have been accomplished with freely available limestone instead of brick, which, again, would have been bought specifically for Quarter Site B.

Addressing why bricks may have been selected requires reckoning with the aesthetics of this material and how it could become assembled with racializing discourses that allowed slavery to operate. At Belle Grove, there is a correlation between building material and race. People categorized as white lived in houses with stone while people categorized as Black lived in houses with brick (also see Hallock 2017, 29). Therefore, the bricks reiterated ideas about race by differentiating dwellings for white and Black people and by extension differentiating the people who lived in them (also see Heneghan 2003). This turned the brick chimneys into components of racializing discourses that proclaimed people of African and European descent to be ontologically different. Assembling architecture with racializing discourses was not unique to Belle Grove. For instance, in *Swallow Barn*, Kennedy (1853, 39–40, 449–50) describes enslaved people's homes as "rude," childlike, made with "little regard to neatness," "primitive" and poorly maintained. Kennedy projects these same qualities onto his enslaved characters. Yet, an important difference between the fictional Swallow Barn plantation and Belle Grove is that the quarter Kennedy describes is tucked away, hidden from white characters who do not seek it out, while Quarter Site B is highly visible. As a result, a different discursive focus – orderly bricks instead of dilapidated cabins – was used to racialize enslaved people at Belle Grove.

The Hites and their employees would not have been the only white people to see this racializing architecture. In the 19th century, the Great Wagon Road was the Valley's main thoroughfare (Hofstra and Raitz 2010). A few miles north of Belle Grove was Back Road, the second most important road in the northern Valley (Geier and Schruefer 2021). A series of

smaller roads connected these thoroughfares, one of which was Belle Grove Road, the road through Belle Grove discussed earlier. Additionally, Belle Grove Road provided access to the Hites' mills and other mill complexes along Cedar Creek. All this is to say that people who did not live at Belle Grove regularly traveled through the property using Belle Grove Road. White Shenandoahans coming up from the south to use the Hites' mills would have taken the same path as our plantation tour. During these trips they would have seen the plantation landscape, including the brick chimneys at Quarter Site B and the stone buildings surrounding it, orienting (sensu Ahmed 2007) their perception of Belle Grove and the people who lived there in ways that reproduced racializing discourses about ontological differences between free white and enslaved Black people (also see Browne 2015; Delle and Fellows 2015).

In this way the chimney's aesthetics did political work within local enslaving assemblages, pulling white Shenandoahans living outside of Belle Grove and who may not have enslaved people themselves into the racist logics through which slavery functioned in the Shenandoah Valley. The brick chimneys were not alone in perpetuating these discourses. Other materialities like cornmeal and salted pork (Chapter 6) and newspaper advertisements banning white people from trading with enslaved people (Chapter 7) reiterated racist discourses and pulled non-enslaving white Shenandoahans into enslaving assemblages. But the chimneys at least played a role in these assemblages. And because all parts of an assemblage influence (to some degree) how its parts come together and interact (see Chapter 2), it is important to see the chimney as influencing how ideas about race circulated locally, even if other things may have played a larger role.

Ultimately, these poetics are more important than determining who chose the bricks or why they did so. Regardless of who or why, the chimney's aesthetics connected passersby with

racist arguments about the supposed ontological differences between people of European and African descent. This points to one of the ways that slavery adapted to the unique conditions of the Shenandoah Valley. These discourses about stone and brick do not translate into other parts of Virginia, where enslavers commonly lived in brick homes, brick chimneys are not uncommon at quartering sites, and stone architecture is rare.

Alternative Formations of (Dis)Order and Humanity

The conditions of bondage did not foreclose black geographies but rather incited alternative mapping practices during and after transatlantic slavery, many of which were/are produced outside the official tenets of cartography: fugitive and maroon maps, literacy maps, food-nourishment maps, family maps, music maps were assembled alongside 'real' maps…
(McKittrick 2011, 949)

While local maps concealed the presence of enslaved life in the Valley and the Hites tried to present enslaved people and their homes in ways that reproduced racist/racializing discourses, Black women, children, and men were finding ways to make lives for themselves at Belle Grove (also see Battle-Baptiste 2004; 2010; Camp 2004; Fesler 2010; Greer 2016b; Heath 2010; T. L. King 2019; McKittrick 2006; Singleton 2015b; Souza 2016; Symanski 2012). Because they were excluded from the racist understandings of order and rationality the Hites claimed for themselves, the ways enslaved people took up residence (sensu Silliman 2001; 2014) on the landscape were not bound by the same rules that governed white sensibilities. Instead, enslaved people, and especially enslaved women, recomposed the landscape around House Site 1 in ways that centered on the brick chimney but produced alternative formations of order and humanity (Z. I. Jackson 2020; T. L. King 2019; McKittrick 2006; Wynter 2003; 2006; Wynter and McKittrick 2015; Weheliye 2014). One way to approach this is through religion.

Most Valley enslavers were (at least nominally) Christian. Like many religions, Christianity revolves around one's relationship to God, thereby defining the ontological category

of the human by demarcating it from the supernatural (see Wynter 2003).[92] As a result, Christian cosmologies played a role in creating enslaver's definitions of humanity. Frequently, enslavers assembled this religious understanding of humanity with racist discourses to perpetuate slavery (Longenecker 2002, 113–52). Some excluded enslaved people from attending religious services, thereby segregating access to Christian-based ways of being human. Catherine Sims (1972, 79), for instance, stated that her Rockingham County enslavers "took me to church wid dem and dey put me behind de door. Dey tole me to set der till dey cum out. And when I see dem cumin' out to follow behind and get into de carriage." Bethany Veney (1889, 16) recalled that after she began attending a local church, her Page County enslaver sent her "to old Mr. Levers, two miles away, there to stay until I should get over my 'religious fever,' as he called it." Others, like Jenny Buchanan's Rockingham enslaver, barred enslaved people from attending church but forced them to attend late-night prayer sessions (Still 1872a, 523). We do not know what was said in these meetings, but Veney (1889, 7–8) gives us some insight, recalling that enslavers used religious imagery to threaten enslaved children caught stealing apples, and John Adams (1872, 20) stated that ministers in Frederick County told enslaved people that "they must obey their master and mistress, and all would be right." Other enslavers encouraged enslaved people to convert to Christianity and join local churches. Harry Robinson recalled that his Jefferson County enslaver (1972, 239), for instance, "built us a church, and we could have prayer meeting[s] when we wanted to. We had a colored preacher and deacons too…. The whites would come in for revival sometimes." However, Stephen Longenecker (2002, 130–35) notes that even

[92] While these religious view played a larger role in European definitions of humanity before colonization and the subsequent enlightenment (Latour 1993; Wynter 2003), they did not entirely disappear with the emergence of Wynter's Man1 (see Chapter 3).

when Black Shenandoahans were welcomed into local congregations, much of the practices and discourses that occurred in churches worked to perpetuate slavery.

Despite the anti-Blackness woven into Valley churches, many enslaved Shenandoahans grasped onto Christianity, recoding its message to enact a counter-politics that addressed their own needs (also see Greene-Hayes 2021, 42–43). Veney, for instance, insisted on a Christian ceremony when she married her first husband, although they chose not to vow "that we would always be true to each other, forsaking all others, as the white people do in their marriage service, because… at any time our masters could compel us to break such a promise." Other enslaved people, however, countered enslaver's Christian cosmologies by practicing African religions and enacting the definitions of order and humanity that emerge from these cosmologies.

In contrast to Christian cosmologies and liberal humanist ontologies, the worlds inhabited by adherents to African cosmologies are filled with spirits, some benevolent, some malicious, and some benign (e.g., Douglass 1855, 53; Edwards 1998; Hurston 2008; Murray 2007; Sweet 2011; R. F. Thompson 1984; J. R. Young 2007). For instance, an unnamed man who had been enslaved a few miles from Belle Grove recalled numerous ghosts and spirits residing on the local landscape, some related to the Civil War but others seemingly older and who may have haunted the region in the early- to mid-19th century (C. Johnson 1915a). For enslaved people, taking up residence in these landscapes required managing relationships with spirits (e.g., Battle-Baptiste 2010; Bilby and Handler 2004; V. Brown 2008; Greene-Hayes 2021, 46; Ogundiran and Saunders 2014b). These more-than-human interactions defined what it meant to be human in the Black Atlantic, demarcating humans and spirits (also see Murray 2007), and it was things that mediated these relationships and enacted these definitions of humanity (also see M. E. Buchanan

and Skousen 2015; Pauketat 2013).[93] Archaeologists often find such items, which James Davidson and Karen McIlvoy (2012) refer to as "charms," while excavating enslaved and Free Black households (e.g., Davidson 2015; Ferguson 1992; L. A. Lee 2014; Ogundiran and Saunders 2014a; Ruppel et al. 2003; Russell 1997; Samford 2007; Singleton 2015b; Wilkie and Farnsworth 2005; A. L. Young 1996). One of the more commonly discussed charms are quartz crystals, which either facilitated relationships with benevolent spirits (usually one's ancestors) or protected people from malevolent spirits who were repelled by light "flashing" off crystals (Davidson and McIlvoy 2012, 135–44; Leone and Fry 1999, 372, 384).

We recovered 51 quartz crystals from Quarter Site B. But quartz naturally forms in limestone fissures, and a variety of geological processes can cause crystals to be present in topsoil and subsoil, so many of the crystals from Quarter Site B (especially the smaller ones) may not have been used as charms. But the distribution of larger crystals (4-6cm long) strongly suggests the intentional placement of charms. Three of these are from units associated with House Site 1, with one from the chimney fall (QB076), one from a layer of charred debris that got deposited into the subfloor pit (Feature 24) during the house fire, and one from the northernmost corner of the house debris (QB106).[94] These account for half of the larger crystals from the site, even though only 25.86% of the units are associated with the cabin, suggesting that the distribution of larger crystals is not random. Furthermore, the crystals from the chimney fall

[93] Roberto Strongman (2019) argues that transcorporeality is key aspect of African-diasporic religions, with the body become a literal vessel for spirits, thereby queering modern ontological distinction between human flesh, human psyches, and more-than-human forces. Yet, these instances are understood as spectacular pairings of human and spirits while the former is in a trace. This suggests that while enslaved people may not have understood there to be a complete separation between humans and spirts, transcorporeality still indicates that human are different than spirits (a spirit can inhabit a person, but a person cannot inhabit a spirit), thereby defining what it means to be human by understanding people in relation to spirits.

[94] Work by Mark Leone (e.g., Leone and Fry 1999) suggests that charms are commonly found in the northeastern corner of buildings inhabited by enslaved people. However, we could not determine the orientation or extent of House Site 1, so I do not know exactly how this crystal relates to the building's footprint.

and subfloor pit are from deposits containing little topsoil or subsoil, suggesting we found crystals there because they had been in the house when it burned, likely to mediate enslaved people's relationships with the spiritual forces around them.

The crystal from the chimney fall has the best contextual evidence for how it may have been used. Davidson and McIlvoy (2012, 139–40) note that chimneys and hearths were vulnerable places where malevolent spirits could gain entry not only into the home but into enslaved people's food, making them important places to protect. Charms have been recovered from the chimneys/hearths of Black homes in Georgia, Louisiana, Maryland, South Carolina, Texas, and Virginia (e.g., Kenneth L. Brown and Cooper 1990; Davidson and McIlvoy 2012; Edwards 1998, 262; Galke 2000; Leone and Fry 1999; S. K. Moses 2018; Wilkie 1997), suggesting that many Black Southerners sought to protect themselves and their household by putting things in/around their chimneys. A quartz crystal from the chimney fall associated with an enslaved house from Virginia's Montpelier plantation (Greer 2014, 159) is particularly relevant here. Twenty-four of the 101 people the Hites enslaved in 1810 came from Montpelier (see Chapter 4), suggesting that this way of interacting with spirits may have been well-known at Belle Grove. Given this, someone living in House Site 1 likely placed the crystal in the chimney to protect the home. This action, however, did more than protect these women, children, and men. It reiterated and repeated African cosmologies through the ways it assembled and territorialized humans and the decomposing effects malevolent spirits could have on them. This cosmology, moreover, was predicated on a particular definition of the human and a specific way of ordering the world that was not attached to Christian cosmologies. As a result, the way of being in the world created by the crystal, the chimney, the people who put it there, and the spirit(s) it provided protection from enacted a counter-politics that redefined enslaved people's

humanities in their own terms and created an alternative understanding of how landscapes should be ordered and shared. Tucked away inside the chimney, the Hites were probably unaware of the crystal and the counter-politics it engaged in. But other ways of rearranging Quarter Site B were noticeable.

Swept yards are a common landscape feature in quarterings sites throughout the Americas (e.g., Armstrong 1999; Armstrong and Kelly 2000; Battle-Baptiste 2004; 2007; 2010; 2011; Botwick 2018; Fesler 2010; K. K. Harris 2020; Heath 2010; Heath and Bennett 2000; Parry 2018). As the name implies, these were yard spaces enslaved people, especially enslaved women, regularly swept clean with homemade brooms, a practice that within the African diaspora is often traced back to West Africa (Battle-Baptiste 2007; 2010; 2011). Barbara Heath and Amber Bennett (2000) argue that domestic refuse from yards should be no larger than 2cm, as enslaved women swept larger artifacts away, and Garrett Fesler (2010) argues that trash scatters often occur at the edges of yards, where sweepings piled up and larger items were tossed. Units surrounding House Site 1 have less domestic refuse, especially fewer large (>2cm) artifacts, than units further away (Figure 48), suggesting that enslaved women like Abba, Judah, Truelove, and Sally etched yard spaces onto the plantation landscape. We also identified large trash scatters at the southern (Midden 1), eastern (Midden 2), and northern (Midden 3) edges of the yard.

Yards provided areas for enslaved people to congregate outside the often-cramped confines of their homes, serving as a gathering place where bonds of kinship (biological or otherwise) could be reiterated (e.g., Battle-Baptiste 2004; Fesler 2010; K. K. Harris 2020; Heath and Bennett 2000; Mintz 1974; also see Armstrong and Fleischman 2003). They were also places

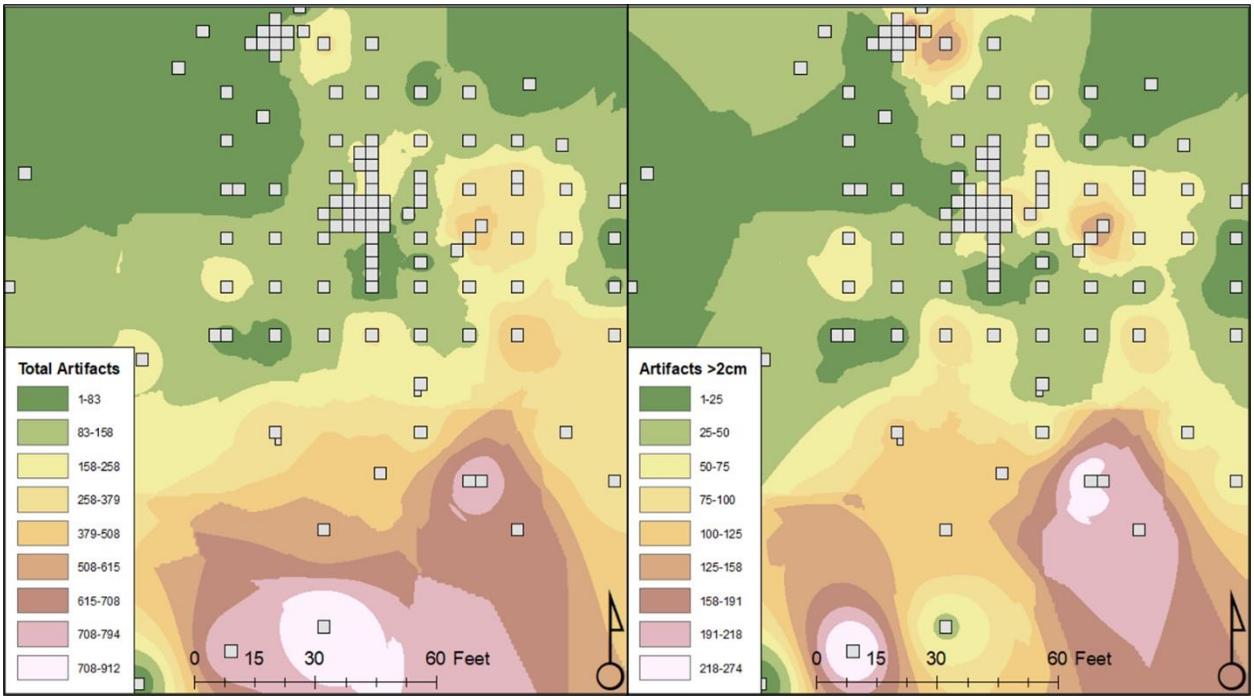

Figure 48. Interpolation maps showing the distribution of total domestic refuse and domestic refuse over 2cm long. The block of units in the center of the map is the location of House Site 1. The smaller block to the north contains the three fire pits. Maps generated using inverse distance weighting (IDW) interpolation using four nearest points. Data presented in Appendix H, Table 2. Map by author.

where communities developed as people from different households spent time with one another. For instance, we identified and excavated three fire pits in the northern portion of the yard. Two of them were probably used for outdoor cooking, while the third appears to be a smudge pit – a fire intended to produce smoke to keep insects away (e.g., Binford 1967). Cooking over a fire is a time-intensive endeavor, suggesting that enslaved cooks worked around the cooking fires for extended periods of time. Here, in this space (relatively) free from flies and mosquitos, children watched their mothers cook and hungry neighbors gathered to enjoy the smells of food and each other's company. The last chapter discussed social bonds that formed through the food cooked in repurposed pans, and these activities took place around the fire pits.[95] The multitude of connections maintained in yards created understandings of enslaved people's humanities that

[95] The pans have evidence for direct contact with a heat source. This type of contact is unlikely to occur when cooking with the types of stoves that were installed in House Site 1. Therefore, it is more likely that the pans were used in open fires outside of the cabin.

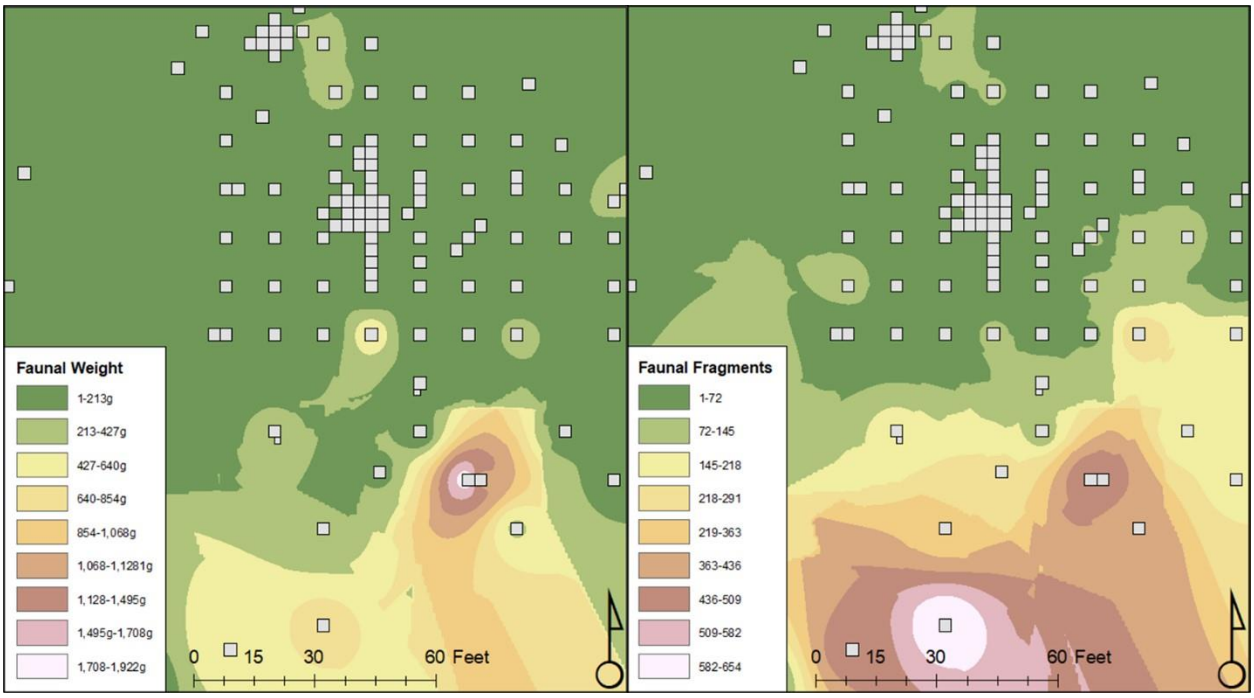

Figure 49. Interpolation maps showing the distribution of faunal remains (animal bone and oyster shell) by count and weight. The block of units in the center of the map is the location of House Site 1. The smaller block to the north contains the three fire pits. Maps generated using inverse distance weighting (IDW) interpolation using four nearest points. Data presented in Appendix H, Table 2. Map by author.

emphasized social relationships and the differences between individuals, which ran counter to enslavers' assertion that Black women, children, and men were without differentiation and interchangeable (i.e., fungible) (Hartman 1997; T. L. King 2019; Snorton 2017; Spillers 1987). Put another way, the yard around House Site 1 was an area where enslaved people engaged in an ontological counter-politics by redefining their humanities in ways that redressed (sensu Hartman 1997) some of the pain and alienation of slavery. And it was enslaved women who made and maintained the yards that engendered these politics.

Enslaved people also engaged in counter-politics by using yards and trash scatters to create alternative formations of order, with clearly demarcated areas for congregating and discarding trash (e.g., Edwards 1998; Gifford-Gonzalez 2014; K. K. Harris 2020; Mintz 1974; Parry 2018; Pulsipher 1993). Women, children, and men at Belle Grove even used different trash scatters for different types of refuse, primarily throwing food remains away in the midden south

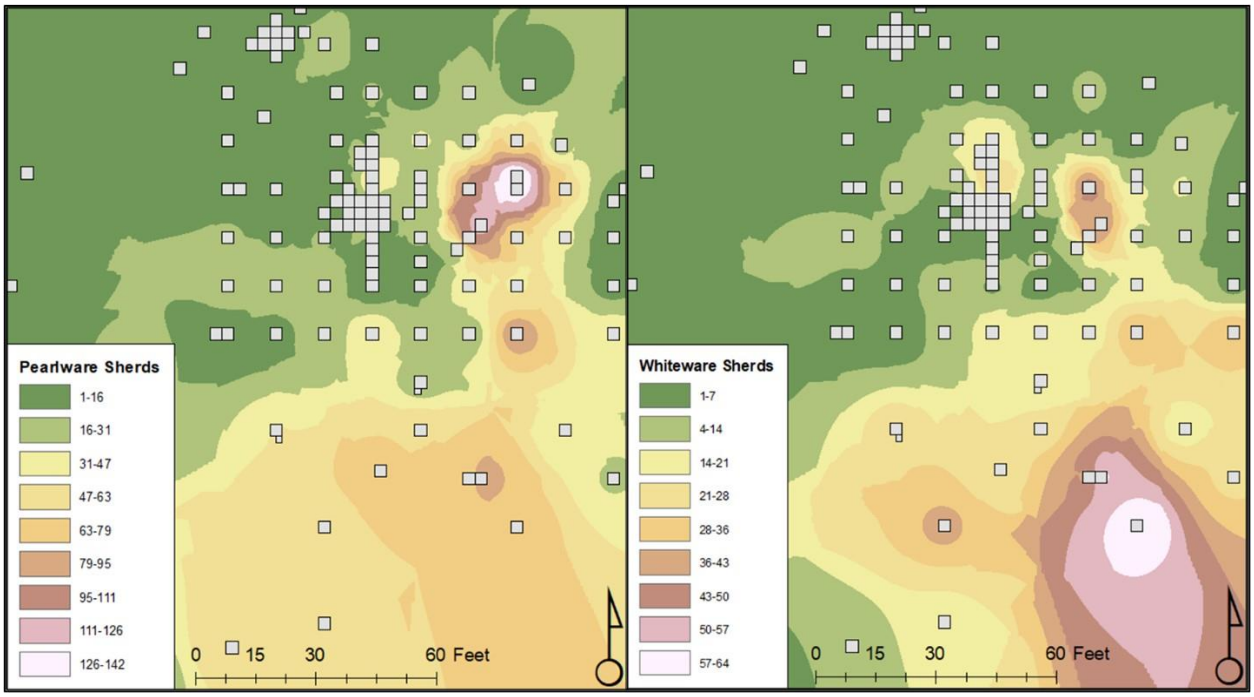

Figure 50. Interpolation maps of the distribution of pearlware and whiteware sherds by count. The block of units in the center of the map is the location of House Site 1. The smaller block to the north contains the three fire pits. Maps generated using inverse distance weighting (IDW) interpolation using four nearest points. Data presented in Appendix H, Table 2. Map by author.

of the yard (Midden 1) (Figure 49). The distribution of ceramic pearlware and whiteware sherds indicated that enslaved women and men maintained this order for decades (Figure 50). Pearlware is a British refined earthenware sold between the 1780s and 1820s, while whiteware is a related ceramic that replaced pearlware in the 1820s. The two types of ceramics were generally found in the same areas of the site, House Site 1, indicating that these parts of the site were used for discarding broken ceramics before and after the 1820s. Both pearlware and whiteware are relatively uncommon in the yard, indicating that its general shape remained the same as daughters and nieces took over the chore of sweeping from mothers and aunts.

The logics driving these reorganizations of the plantation landscape were probably incomprehensible to enslavers (Edwards 1998; McKee 1992, 207; also see Wynter 1987; 1990). But the ways enslaved women arranged the landscape likely created “shoals” (sensu T. L. King 2019) that disrupted enslavers’ ideas about order and rationality. Enslavers frequently

complained about the trash that accumulated in quartering sites (A Planter 1836; Barksdale 1856; Carolina Planter 1840; Edwards 1998, 255, 263; L.M. 1860; McKee 1992, 203; Southern Planter 1858). I do not have data that directly speak to these discourses playing out at Belle Grove, but they were printed in agricultural journals distributed throughout the Valley (see Chapter 6), including journals the Hites' grandchildren contributed to (e.g., I. I. Hite 1851; 1853; 1857), suggesting that they were probably aware of these broader discussions. Given this, it is likely that the alternative formations of order created by enslaved women, brooms, and neatly demarcated trash scatters chaffed the Hites' sensibilities and the notions of order they tried to impose on the landscape (T. L. King 2019; also see Macharia 2019; Tinsley 2008; Tsing 2005).

Enslavers began finding ways to navigate these shoals by the 1840s, with articles in agricultural journals advocating for collecting and composting trash from quartering sites and using it as a fertilizer for agricultural fields (A Planter 1836; Carolina Planter 1840; Pendleton 1856; Southern Planter 1846a; 1849; 1848; 1850). This let enslavers see themselves as fully human, capable of creating order and profit from what they considered to be enslaved people's irrational living conditions, while simultaneously arguing that enslaved people were incapable of doing so, hence the supposed need to remove trash from quartering sites to transform it into something of value. I do not know if the Hites forced enslaved people to collect trash from Quarter Site B and redeposit it in the plantation's fields. But as with before, they were probably aware of these recommendations, and if nothing else, may have let their gazes linger on the trash scatters, seeing them not as part of an organizational schema that shaped life at the quarter but an agricultural resource they could harness to increase crop yields and a discursive resource they could use to define themselves as rational human beings.

Chaos from Order

The more [an assemblage] works in favor of an oppressive order, the more it calls forth disorder as well.
(Glissant 1997, 138)

Enslaved women at Quarter Site B were not alone in disrupting the Hites' ideas of order. At some point in the 1850s, the bricks used to racialize the plantation landscape joined in as well (also see Reilly 2016). Addressing this brings us back to the devastating fire that destroyed House Site 1. Bringing this into focus requires addressing the physical qualities of the building materials used for the chimney and the qualities of the materials that were not used (Khatchadourian 2016; also see Edensor 2011; Hodder 2012).

As noted earlier, most homes enslaved Virginians built for themselves had stick and mud chimneys that leaned outward from the building, held up by several poles (Figure 47). While their interiors were lined with mud to prevent fires, many eventually went up in flames (J. Taylor 1814, 123). This is where the angle of the chimney and its supporting poles come in. Enslaved people designed wooden chimneys so that if the poles were knocked down, a blazing chimney would fall away from a house, saving the structure (e.g., Edwards 1998, 254). Brick chimneys, alternatively, are rigid, stable things made from an inflammable material. In other words, their physical properties are vastly different than those of wooden chimneys. As a result, they should prevent chimney fires, and enslavers often preferred them for this reason (J. Taylor 1814, 123). But while bricks are inflammable, chimneys can become lined with creosote, a highly flammable residue found in soot deposits that can catch fire if sparks travel up a chimney and land on it. As far as I can tell, this was probably what caused the house fire.

Table 28. Firing temperature of local-made earthenware vessels. Samples include all earthenwares from Quarter Site B used in the neutron activation analysis (see Chapter 7). Dataset presented in Appendix H, Table 3.

Temperature	Number of Vessels	Percentage
950°C	25	21.58%
1,000°C	5	20.14%
1,050°C	13	10.07%
>1,050°C	21	44.60%

Evidence for burning (blackened soil, copious deposits of charred wood, and burnt artifacts) is most visible in and around the chimney fall, suggesting that the fire originated in the chimney (see Figure 46). Furthermore, refiring experiments on 64 locally-made earthenware ceramic vessels from Belle Grove have shown that all were fired to at least 950°C in local kilns, and 60.93% were fired at 1,000°C or higher (Table 28). During the fire, sherds from two local earthenware vessels became refired, indicating that temperatures reached at least 900°C, and probably over 1,000°C. Temperatures this high are difficult to reach in a house fire. Peter Thy *et al.* (2018) have shown that an Iron-Age house fire in Denmark reached over 1,000°C, but they suggest that the fire was intentionally set after the house was abandoned, with its former inhabitants likely adding fuel and manipulating airflow to increase temperature.[96] That was probably not the case at House Site 1, as we recovered a lot of household items in the debris, including ceramics, glass bottles, decorated tobacco pipes, and an intact pocket knife, indicating that the house burned while inhabited. And the cabin's residents were probably not fueling the fire that consumed their home. Creosote, on the other hand, can burn up to 1,100°C (Crewell n.d.; Fireplace Mall 2011; High's Chimney Service n.d.; Woodenden n.d.), which is hot enough

[96] Thy *et al.* (2018) estimated temperature by analyzing meted silica droplets from the house (also see Thy et al. 2015). We recovered analyzable silica droplets (melted bottle and window glass) from House Site 1, but I could not get these tested in time for dissertation. I am working on securing funds to test the droplets and conduct a magnetic susceptibility and natural remanent magnetization analysis of the refired ceramics (Francés-Negro et al. 2019; Goodwin and Hollenback 2016; Rasmussen et al. 2012) to provide a more precise estimate of the temperature of the house fire.

to refire locally-made earthenwares. As a result, the fire that destroyed House Site 1 probably started as a creosote fire in the chimney.

I do not know how the Hites reacted to this fire. But if descriptions of other housefires in Virginian quarters are any indication (e.g., Shepherdstown Register 1855b), they may have blamed it on enslaved people's (supposed) "intemperance" and "intoxication," thereby reproducing the discourses used to justify increasing restrictions on enslaved people's consumption practices (see Chapter 7). Yet, the Hites bear much of the blame for the devastation caused by the fire, as it was their decision about building materials, racialization, and how to organize what they considered to be an orderly landscape that led to House Site 1 going up in flames. Once the creosote ignited, the rigidness of bricks and mortar ensured that the chimney could not be quickly removed from the cabin to save the house. The closest spring was too far away to get enough water to extinguish the fire (see Chapter 9). As a result, there was nothing the cabin's residents could do to stop the fire from destroying their home. This scene of utter chaos, with mothers frantically seeking out their children, neighbors rushing over to help, smoke filling the air, and the helplessness imposed on enslaved women and men by the physical qualities of the brick chimney was made possible by the ways the Hites chose to materialize racializing discourses at Belle Grove.

In the end, the bricks worked against the Hites, burning down part of the ordered landscape they used the chimney to create. But this is not a positive story about things' physical characteristics foiling racializing discourses – a celebration of things' agentic capabilities to affect the world around them often seen in archaeological discussions of materiality and the new materialism (e.g., Hodder 2012; Olsen 2010; Olsen et al. 2012; Pétursdóttir and Olsen 2018; Witmore 2014; also see Bennett 2010). Like last chapter's discussion of lead poisoning from

storage vessels, this is a reckoning with the (at times inadvertent) ways materials destroy(ed) Black lives in the Americas (e.g., Chen 2012; Fouché 2006b). The chimney and the bricks that composed it negatively impacted the lives of enslaved people at Belle Grove for decades by helping to reiterate the racializing discourses that perpetuated slavery. And these bricks and the mortar that held them together continued to harm these women, children, and men as its rigidity ensured that it could not be removed from House Site 1. The chimney provided unique ways for enslaved people to create their own formations of order and humanity by putting a quartz crystal in or around it. But ultimately these counter-politics could not protect them from the oppressive weight of anti-Blackness that the Hites wove into the very landscape of Belle Grove and the materials through which they enacted this violence.

It is with this tragic event that I end my study of enslaved life in the Shenandoah Valley. In many ways, this is a fitting place to stop. The house fire erased House Site 1 from the landscape. The passage of time took its toll on the rest of Quarter Site B, leaving one cabin standing by 1900 (Figure 51), which was demolished in the 1920s to turn the area into a cow field (Geier and Tinkham 2006a, 90). The site remained in pasture and out of local histories until archaeologists surveyed the field in the 1990s and located Quarter Site B, although it did not play a role in reshaping public narratives at Belle Grove until we excavated the site in 2015-2019. In this regard the site is a microcosm of how enslaved life has been treated in the Shenandoah Valley – erased from memory in the late-19th and early-20th centuries, rediscovered in the 1990s, but not fully investigated until recently (see Chapter 1). As I have (hopefully) shown throughout *Assembling Enslaved Lives*, despite the erasure of enslaved women, children, and men from local histories, their actions contributed to and helped shape the region. The final chapter looks at steps that can be taken to ensure these stories cannot be severed from Valley histories again.

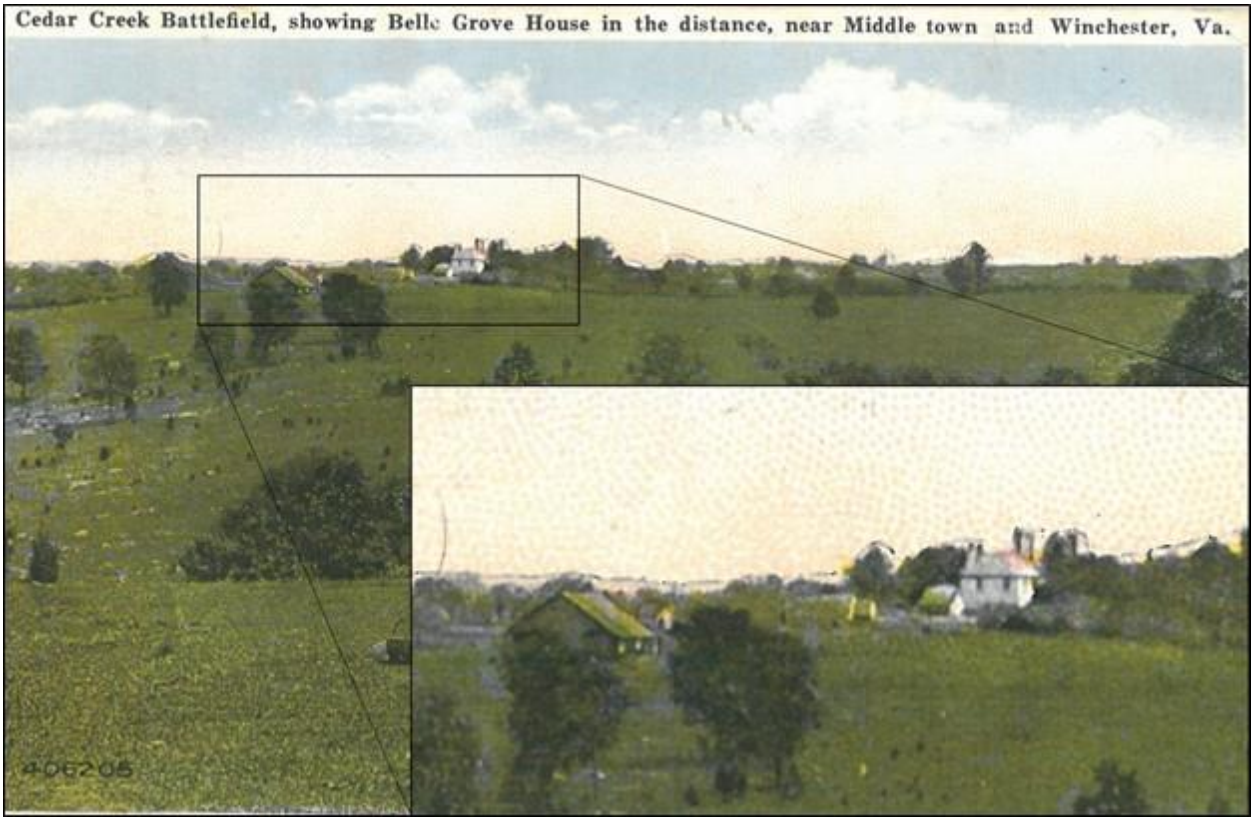

Figure 51. Cedar Creek Battlefield, showing Belle Grove House in the distance, near Middletown and Winchester, Va., by Frederick Barr. Inset shows the one surviving cabin at Quarter Site B and the barn at the adjacent agricultural complex. Structures in the middle of the inset are on the manor house grounds. Image courtesy of Michael Kehoe.

Conclusion: From Black History to Valley History

About a decade after the chimney fire destroyed House Site 1, the Shenandoah Valley was engulfed in the American Civil War (1861-1865). Fires spread throughout the region, especially in 1864 when the United States (U.S.) Army burned most of the Valley's agricultural infrastructure to starve the Confederate States into submission. We cannot talk about these events without discussing slavery. White Shenandoahans took up arms, killing in the name of white supremacy and dying to protect the political economies of slavery. Formerly enslaved men enlisted in the U.S. Army, fighting to free others. What we get with the Civil War are five years where it is (or at least should be) impossible to study white history *or* Black history. Instead, we just have Valley history, encompassing the hopes and aspirations, the frustrations and pained screams of everyone in the region.

Assembling Enslaved Lives has been trying to make a similar set of connections for the 70 years preceding the Civil War when slavery flourished in the Shenandoah Valley. I focused extensively on enslaved women, children, and men, but I did this because it was impossible to tell a truly inclusive Valley history given the inadequate way scholars had talked about slavery in the region. Not enough was known about enslaved people. Now that the dissertation is done, I do not want to argue that we know everything about their lives. But we do have enough to begin retelling Valley history in ways that use the region's political economies as a connective thread that unites the stories of enslaved people with enslaving and non-enslaving white Shenandoahans. Enslavers like the Hites reaped profits from the flesh of Black women, children, and men. Enslaved people found ways to latch onto these political economies, selling extra food and acquiring things from merchants and potters to redress the pain, suffering, and alienation of

slavery. Non-enslaving white Shenandoahans profited from enslaved people's labor and their need to buy things to survive slavery, even if enslavers found ways to coerce them into limiting their interactions with enslaved people.

Retelling Valley history so that it is the story of White *and* Black Shenandoahans, so that the lives of enslaved women, children, and men are inescapable when recounting early- to mid-19th-century history is vitally important. The only way to prevent enslaved people from being erased again is to ensure that they are so tightly woven into our stories that local histories cease to make sense without acknowledging them. My intention is that this dissertation will help with this process, getting scholars and researchers to rethink the lives of enslaved Shenandoahans. But the bigger hurdle is to bring the public into these discussions, especially since after three decades of research on slavery in the Shenandoah Valley, the view that slavery did not really matter in local history persists. As academic work that often digresses into theoretical and methodological asides, *Assembling Enslaved Lives* is not the ideal vehicle for this. Instead, this job is better suited for teachers and local museums who can reach more people than I possibly can, even if the dissertation was written in a more accessible manner. This process has already begun. In March 2022, Belle Grove launched a new permanent exhibit entitled "Uncovering Enslaved Lives at Belle Grove" which presents my findings in a more accessible manner. As part of the creation of this exhibit, the initial plan and all exhibit materials were reviewed and approved by an advisory committee primarily comprised of Blacks scholars. And over the past seven years, I have given 14 public lectures and invited talks at venues in the Valley to aiming at informing Shenandoahans about the work we have done at Quarter Site B. It is my hope that these efforts can continue in the coming years, and that myself and other member of the archaeology team can collaborate with public historians at other museums in the Valley to disseminate our findings in

future exhibits. Retelling local history is not the only goal of *Assembling Enslaved Lives*. I also strove to offer new ways of thinking about slavery that draws from Black studies. This, I feel, is something that the dissertation was more successful at, although here too I probably failed to fully accomplish my goal. There are simply too many complex issues at stake to address everything. I am sure some of my discussions did not land as (well as) I intended, especially since I interpreted scholars like Sylvia Wynter, Tiffany King, or Saidiya Hartman in ways that made sense to me and the materials I worked with. Others, surely, will disagree with the choices I made. But I hope that they will at least engage with the ideas presented in the dissertation when critiquing it, allowing this to be a step towards a broader counter-humanist approach to the archaeology of enslaved life, one that lets us find new ways of studying slavery that fit with the Black Lives Matter era we are in.

Appendix A: Supplementary Data for Chapter 1

Table 1: 1840 Agricultural Census Data, Virginia, and Maryland

This table contains data from the 1840 Agricultural Census used in the discussion of wheat production in Chapter 1. VA indicates data for counties in Virginia and MD indicates data for counties in Maryland. Counties in bold are in the Shenandoah Valley. All data acquired from the IPUMS National Historical Geographic Information System: Version 15.0 (Manson et al, 2020), and was accessed on 29 November 2020.

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Accomack	14479	189	14769	605219
VA	Albemarle	326986	117369	333526	1229376
VA	Alleghany	25449	9142	25958	114286
VA	Amelia	50637	92	51650	408066
VA	Amherst	112677	11051	114931	623511
VA	**Augusta**	**324332**	**92227**	**330819**	**815290**
VA	Bath	32954	26689	33613	239084
VA	Bedford	206064	7358	210185	1284457
VA	**Berkeley**	**287127**	**38005**	**292870**	**641491**
VA	Botetourt	197282	21971	201228	557955
VA	Braxton	8960	917	9139	63828
VA	Brooke	139933	4629	142732	356698
VA	Brunswick	26963	0	27502	449933
VA	Buckingham	168771	1311	172146	774712
VA	Cabell	39327	500	40114	307736
VA	Campbell	177949	587	181508	894363
VA	Caroline	80938	13117	82557	527618
VA	Charles City	36020	25	36740	122699
VA	Charlotte	64914	0	66212	885676
VA	Chesterfield	34414	50	35102	333862
VA	**Clarke**	**258104**	**17096**	**263266**	**490398**
VA	Culpeper	122376	13739	124824	487706
VA	Cumberland	61247	249	62472	522527
VA	Dinwiddie	36883	183	37621	479667
VA	Elizabeth City	18559	20	18930	101600
VA	Essex	74083	204	75565	368613
VA	Fairfax	24630	5943	25123	188903
VA	Fauquier	362227	34576	369472	1019771
VA	Fayette	11125	4481	11348	122451

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Floyd	23889	13435	24367	137107
VA	Fluvanna	62418	751	63666	326288
VA	**Franklin**	**97048**	**7166**	**98989**	**665547**
VA	Frederick	173289	30630	176755	477975
VA	Giles	45413	35463	46321	225692
VA	Gloucester	56325	4	57452	275379
VA	Goochland	79617	564	81209	699446
VA	Grayson	27868	16958	28425	252581
VA	Greenbrier	69151	43466	70534	381191
VA	Greene	39731	14741	40526	208566
VA	Greensville	8860	141	9037	268592
VA	Halifax	78164	1025	79727	1136234
VA	Hampshire	178714	52148	182288	694689
VA	Hanover	47905	1013	48863	453289
VA	Hardy	84604	18186	86296	415025
VA	Harrison	135774	8608	138489	682183
VA	Henrico	39095	3079	39877	322436
VA	Henry	39696	2177	40490	342826
VA	Isle Of Wight	4136	334	4219	475195
VA	Jackson	28200	543	28764	165640
VA	James City	17241	0	17586	101371
VA	**Jefferson**	**516969**	**41975**	**527308**	**1285288**
VA	Kanawha	14539	175	14830	144800
VA	King And Queen	40386	2662	41194	288105
VA	King George	37606	3629	38358	189538
VA	King William	58834	5870	60011	333999
VA	Lancaster	25750	324	26265	127704
VA	Lee	36766	6498	37501	1071480
VA	Lewis	47091	4867	48033	516812
VA	Logan	7138	66	7281	440591
VA	Loudoun	573460	81517	584929	1385853
VA	Louisa	220748	899	225163	995150
VA	Lunenburg	26824	0	27360	488915
VA	Madison	100680	23627	102694	326115
VA	Marshall	82829	2086	84486	225185
VA	Mason	69503	1914	70893	277297
VA	Mathews	8875	375	9053	141545
VA	Mecklenburg	77444	287	78993	808535
VA	Mercer	13229	4711	13494	82211
VA	Middlesex	17027	1148	17368	126290
VA	Monongalia	166496	6259	169826	641543

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Monroe	67993	38872	69353	334044
VA	Montgomery	106258	21093	108383	395472
VA	Morgan	37527	13812	38278	121979
VA	Nansemond	5351	173	5458	264318
VA	Nelson	128478	35820	131048	582130
VA	New Kent	22131	561	22574	145155
VA	Nicholas	4454	3222	4543	114906
VA	Norfolk	2795	0	2851	246070
VA	Northampton	279	10	285	249759
VA	Northumberland	28038	520	28599	228714
VA	Nottoway	42145	0	42988	416628
VA	Ohio	124996	2276	127496	374686
VA	Orange	97747	8412	99702	478896
VA	**Page**	**105199**	**29886**	**107303**	**264589**
VA	Patrick	28469	3180	29038	262071
VA	Pendleton	65725	35547	67040	306409
VA	Pittsylvania	142178	5746	145022	1302719
VA	Pocahontas	17846	21083	18203	156173
VA	Powhatan	53935	0	55014	371429
VA	Preston	2801	17877	2857	186490
VA	Prince Edward	57293	198	58439	640153
VA	Prince George	31439	563	32068	170117
VA	Prince William	47471	3704	48420	439402
VA	Princess Anne	6655	0	6788	894232
VA	Pulaski	46098	16940	47020	225197
VA	Randolph	27212	6861	27756	245745
VA	Rappahannock	179850	32146	183447	471787
VA	Richmond	43224	1014	44088	195244
VA	Roanoke	140506	13536	143316	367714
VA	**Rockbridge**	**263756**	**69566**	**269031**	**890838**
VA	**Rockingham**	**375197**	**90886**	**382701**	**1038410**
VA	Russell	59400	7898	60588	311674
VA	Scott	39534	2729	40325	284906
VA	**Shenandoah**	**164275**	**32357**	**167561**	**508519**
VA	Smyth	51589	6811	52621	305803
VA	Southampton	9730	3032	9925	516667
VA	Spotsylvania	58450	1995	59619	327926
VA	Stafford	30516	4281	31126	295652
VA	Surry	9317	406	9503	185336
VA	Sussex	18777	269	19153	400836
VA	Tazewell	33688	12965	34362	271414

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Tyler	52730	1375	53785	248561
VA	**Warren**	**148372**	**17390**	**151339**	**337290**
VA	Warwick	10901	0	11119	70449
VA	Washington	106750	8116	108885	548320
VA	Westmoreland	50958	1459	51977	233473
VA	Wood	71339	151	72766	278408
VA	Wythe	85602	47020	87314	392309
VA	York	n.d.	n.d.	n.d.	n.d.
MD	Allegany	86648	48309	105711	529323
MD	Anne Arundel	206143	26179	251494	1325982
MD	Baltimore	153181	79132	186881	1342615
MD	Calvert	36982	548	45118	380535
MD	Caroline	24844	19271	30310	284348
MD	Carroll	180848	72091	220635	918838
MD	Cecil	107238	1802	130830	630259
MD	Charles	91231	4533	111302	513626
MD	Dorchester	87378	6761	106601	613323
MD	Frederick	734767	221550	896416	2162311
MD	Harford	149300	20158	182146	788516
MD	Kent	133470	3250	162833	717782
MD	Montgomery	142757	27704	174164	790125
MD	Prince Georges	80147	38209	97779	993124
MD	Queen Anne's	113411	35767	138361	624598
MD	Somerset	36778	422	44869	500555
MD	St Mary's	68372	1568	83414	471158
MD	Talbot	222822	4494	271843	734317
MD	Washington	668787	111829	815920	1845192
MD	Worcester	20679	0	25228	497124

Table 2: 1850 Agricultural Census Data, Virginia, and Maryland

This table contains data from the 1850 Agricultural Census used in the discussion of wheat production in Chapter 1. VA indicates data for counties in Virginia and MD indicates data for counties in Maryland. Counties in bold are in the Shenandoah Valley. All data acquired from the IPUMS National Historical Geographic Information System: Version 15.0 (Manson et al, 2020), and was accessed on 29 November 2020.

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Accomack	13267	37	1353.2	789374
VA	Albemarle	278575	525	28414.7	1122285
VA	Alexandria	6238	1738	636.3	57881
VA	Alleghany	16937	2504	1727.6	123532
VA	Amelia	109960	0	11215.9	505489
VA	Amherst	122088	2889	12453	515551
VA	Appomattox	76345	32	7787.2	368097
VA	**Augusta**	**419006**	**28104**	**42738.6**	**1144712**
VA	Barbour	38110	2958	3887.2	347042
VA	Bath	17502	4912	1785.2	146018
VA	Bedford	178990	2338	18257	1010579
VA	**Berkeley**	**356234**	**3294**	**36335.9**	**613019**
VA	Boone	3215	171	327.9	132538
VA	Botetourt	121694	5807	12412.8	550411
VA	Braxton	9062	565	924.3	151532
VA	Brooke	65516	498	6682.6	267517
VA	Brunswick	79287	59	8087.3	685363
VA	Buckingham	133819	250	13649.5	664959
VA	Cabell	11559	124	1179	235508
VA	Campbell	100500	455	10251	762693
VA	Caroline	173353	280	17682	697697
VA	Carroll	11578	6431	1181	197459
VA	Charles City	81229	0	8285.4	212050
VA	Charlotte	85653	0	8736.6	849369
VA	Chesterfield	95875	275	9779.3	434022
VA	**Clarke**	**306210**	**500**	**31233.4**	**513649**
VA	Culpeper	191395	2332	19522.3	552801
VA	Cumberland	118616	0	12098.8	568065
VA	Dinwiddie	60275	140	6148.1	539986
VA	Doddridge	2757	324	281.2	77079
VA	Elizabeth City	22188	30	2263.2	126445
VA	Essex	104840	0	10693.7	403367
VA	Fairfax	56156	5860	5727.9	343202
VA	Fauquier	386324	4051	39405	1006205
VA	Fayette	8414	1718	858.2	139264

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Floyd	23992	8516	2447.2	202685
VA	Fluvanna	92657	110	9451	369406
VA	Franklin	76831	4287	7836.8	611566
VA	**Frederick**	**311060**	**5257**	**31728.1**	**643700**
VA	Giles	38565	7775	3933.6	263361
VA	Gilmer	5652	450	576.5	113715
VA	Gloucester	65551	57	6686.2	400189
VA	Goochland	141969	223	14480.8	482949
VA	Grayson	17127	18271	1747	264298
VA	Greenbrier	47778	9081	4873.4	365020
VA	Greene	42416	5133	4326.4	186341
VA	Greensville	17619	66	1797.1	253653
VA	Halifax	146769	467	14970.4	1499204
VA	Hampshire	177343	23351	18089	617013
VA	Hancock	52413	5196	5346.1	171329
VA	Hanover	157388	20	16053.6	551848
VA	Hardy	85225	9839	8693	439263
VA	Harrison	47662	2660	4861.5	396401
VA	Henrico	113044	1150	11530.5	501716
VA	Henry	29704	2347	3029.8	329948
VA	Highland	22456	7741	2290.5	191665
VA	Isle Of Wight	3799	124	387.5	331829
VA	Jackson	16630	1072	1696.3	243606
VA	James City	25476	0	2598.6	101935
VA	**Jefferson**	**472008**	**7702**	**48144.8**	**793512**
VA	Kanawha	25074	643	2557.5	304704
VA	King And Queen	68755	18	7013	335000
VA	King George	76707	449	7824.1	225614
VA	King William	108819	1110	11099.5	344614
VA	Lancaster	24424	61	2491.2	125099
VA	Lee	20243	2999	2064.8	408772
VA	Lewis	31056	2632	3167.7	314901
VA	Logan	1588	207	162	129164
VA	Loudoun	563930	8633	57520.9	1317736
VA	Louisa	199521	172	20351.1	715052
VA	Lunenburg	49960	0	5095.9	501977
VA	Madison	136684	10155	13941.8	475948
VA	Marion	48469	2141	4943.8	311421
VA	Marshall	74976	3979	7647.6	369739
VA	Mason	20545	1043	2095.6	340270
VA	Mathews	7640	13	779.3	59808

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Mecklenburg	113016	154	11527.6	1050073
VA	Mercer	12284	2985	1253	134999
VA	Middlesex	30762	0	3137.7	146418
VA	Monongalia	52370	2921	5341.7	321124
VA	Monroe	51436	6881	5246.5	405847
VA	Montgomery	51827	4783	5286.4	355188
VA	Morgan	40584	8045	4139.6	126638
VA	Nansemond	2976	242	303.6	468332
VA	Nelson	122230	12626	12467.5	582715
VA	New Kent	4315	527	440.1	149322
VA	Nicholas	6209	3318	633.3	119748
VA	Norfolk	393	0	40.1	362364
VA	Northampton	795	12	81.1	328270
VA	Northumberland	53902	164	5498	230078
VA	Nottoway	71827	150	7326.4	454721
VA	Ohio	57709	850	5886.3	292647
VA	Orange	121825	784	12426.2	381261
VA	**Page**	**128430**	**11778**	**13099.9**	**309952**
VA	Patrick	12755	5163	1301	309841
VA	Pendleton	44137	11392	4502	264565
VA	Pittsylvania	123934	31036	12641.3	1176840
VA	Pocahontas	11806	12612	1204.2	182706
VA	Powhatan	115437	0	11774.6	411860
VA	Preston	36769	20502	3750.4	368360
VA	Prince Edward	75762	0	7727.7	513775
VA	Prince George	81042	251	8266.3	268939
VA	Prince William	57728	1832	5888.3	239932
VA	Princess Anne	2529	87	258	342635
VA	Pulaski	35284	3737	3599	246021
VA	Putnam	14373	195	1466	233796
VA	Raleigh	2893	1567	295.1	57070
VA	Randolph	11740	1692	1197.5	180231
VA	Rappahannock	157699	10864	16085.3	461848
VA	Richmond	42404	299	4325.2	188261
VA	Ritchie	5989	583	610.9	120522
VA	Roanoke	104134	2066	10621.7	402852
VA	**Rockbridge**	**198553**	**10017**	**20252.4**	**668980**
VA	**Rockingham**	**608350**	**14010**	**62051.7**	**1280813**
VA	Russell	25604	3976	2611.6	429923
VA	Scott	15722	1002	1603.6	293576
VA	**Shenandoah**	**196338**	**4705**	**20026.5**	**407357**

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
VA	Smyth	34742	971	3543.7	301688
VA	Southampton	4066	1132	414.7	744589
VA	Spotsylvania	102953	398	10501.2	335068
VA	Stafford	58923	2307	6010.1	224249
VA	Surry	14098	70	1438	192359
VA	Sussex	35133	128	3583.6	405277
VA	Taylor	23995	1635	2447.5	188113
VA	Tazewell	21327	3406	2175.4	306350
VA	Tyler	15100	506	1540.2	143257
VA	**Warren**	**145354**	**4741**	**14826.1**	**313126**
VA	Warwick	10252	0	1045.7	69080
VA	Washington	69264	709	7064.9	534337
VA	Wayne	2155	4	219.8	179853
VA	Westmoreland	82774	502	8442.9	275049
VA	Wetzel	12162	1296	1240.5	134607
VA	Wirt	3424	128	349.2	99288
VA	Wood	18790	613	1916.6	262192
VA	Wyoming	1552	557	158.3	57365
VA	Wythe	72738	11668	7419.3	483878
VA	York	27650	0	2820.3	113362
MD	Allegany	73525	29187	8970.1	572477
MD	Anne Arundel	360923	11439	44032.6	1698336
MD	Baltimore	234187	15236	28570.8	1711453
MD	Calvert	67489	2492	8233.7	545862
MD	Caroline	42879	13708	5231.2	397505
MD	Carroll	265007	27378	32330.9	1352409
MD	Cecil	168112	232	20509.7	931066
MD	Charles	149533	4307	18243	765669
MD	Dorchester	137470	2300	16771.3	760382
MD	Frederick	731684	49878	89265.5	2425950
MD	Harford	186421	2010	22743.4	1126248
MD	Kent	194860	200	23772.9	849282
MD	Montgomery	164108	5157	20021.2	937906
MD	Prince Georges	231687	18491	28265.8	1450755
MD	Queen Anne's	173003	9614	21106.4	896833
MD	Somerset	58248	340	7106.3	979302
MD	St Mary's	156369	486	19077	709201
MD	Talbot	272963	561	33301.5	979795
MD	Washington	809093	32940	98709.3	1803768
MD	Worcester	17119	58	2088.5	986836

Table 3: 1860 Agricultural Census Data, Virginia, and Maryland

This table contains data from the 1860 Agricultural Census used in the discussion of wheat production in Chapter 1. VA indicates data for counties in Virginia and MD indicates data for counties in Maryland. Counties in bold are in the Shenandoah Valley. All data acquired from the IPUMS National Historical Geographic Information System: Version 15.0 (Manson et al, 2020), and was accessed on 29 November 2020.

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
Virginia	Accomack	29342	1405	29929	741023
Virginia	Albemarle	302307	7486	308353	1627516
Virginia	Alexandria	5505	4609	5615	89674
Virginia	Alleghany	21657	3478	22090	177121
Virginia	Amelia	124200	0	126684	774748
Virginia	Amherst	104111	2145	106193	734910
Virginia	Appomattox	39376	99	40164	470894
Virginia	**Augusta**	**307402**	**57479**	**313550**	**1375187**
Virginia	Barbour	37835	4794	38592	323394
Virginia	Bath	15311	5792	15617	144420
Virginia	Bedford	318277	2094	324643	1491356
Virginia	Berkeley	237576	18672	242328	615705
Virginia	Boone	15278	1118	15584	159527
Virginia	Botetourt	162676	3024	165930	584466
Virginia	Braxton	22366	604	22813	144149
Virginia	Brooke	23490	3506	23960	267257
Virginia	Brunswick	142155	76	144998	1067988
Virginia	Buchanan	5164	855	5267	68146
Virginia	Buckingham	114921	527	117219	939180
Virginia	Cabell	65715	356	67029	287565
Virginia	Calhoun	10734	56	10949	91781
Virginia	Campbell	150679	210	153693	866174
Virginia	Caroline	214565	12344	218856	1050213
Virginia	Carroll	30804	18075	31420	261803
Virginia	Charles City	126921	0	129459	278189
Virginia	Charlotte	161596	54	164828	1100254
Virginia	Chesterfield	133350	547	136017	580315
Virginia	**Clarke**	**330153**	**14041**	**336756**	**604564**
Virginia	Clay	4433	410	4522	57145
Virginia	Craig	20001	4787	20401	144635
Virginia	Culpeper	191358	9938	195185	642836
Virginia	Cumberland	82178	0	83822	735837
Virginia	Dinwiddie	133515	79	136185	818675
Virginia	Doddridge	16514	569	16844	153916
Virginia	Elizabeth City	44013	0	44893	196007

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
Virginia	Essex	123871	3733	126348	666422
Virginia	Fairfax	49318	15156	50304	441829
Virginia	Fauquier	280279	43513	285885	1153123
Virginia	Fayette	25693	2403	26207	204603
Virginia	Floyd	39847	19677	40644	303996
Virginia	Fluvanna	127704	40	130258	606208
Virginia	Franklin	124396	5789	126884	901134
Virginia	**Frederick**	**224471**	**27677**	**228960**	**649261**
Virginia	Giles	54874	5849	55971	288020
Virginia	Gilmer	18609	168	18981	169664
Virginia	Gloucester	100436	837	102445	372510
Virginia	Goochland	174129	0	177612	721657
Virginia	Grayson	46742	34724	47677	374841
Virginia	Greenbrier	52017	10610	53057	446004
Virginia	Greene	28743	10201	29318	258053
Virginia	Greensville	43105	280	43967	387907
Virginia	Halifax	237518	731	242268	1713821
Virginia	Hampshire	106310	75257	108436	670513
Virginia	Hancock	16423	5117	16751	178463
Virginia	Hanover	237402	939	242150	1027830
Virginia	Hardy	39946	28043	40745	362873
Virginia	Harrison	55411	936	56519	455618
Virginia	Henrico	217293	1607	221639	726702
Virginia	Henry	57015	5948	58155	591495
Virginia	Highland	6678	5100	6812	131998
Virginia	Isle Of Wight	31852	339	32489	502957
Virginia	Jackson	88338	228	90105	317015
Virginia	James City	57220	0	58364	170951
Virginia	**Jefferson**	**422514**	**15198**	**430964**	**843959**
Virginia	Kanawha	76305	198	77831	345150
Virginia	King And Queen	107357	2057	109504	434746
Virginia	King George	116609	6723	118941	376518
Virginia	King William	148094	2677	151056	511852
Virginia	Lancaster	80862	90	82479	237251
Virginia	Lee	49993	4540	50993	541428
Virginia	Lewis	27191	579	27735	205519
Virginia	Logan	11025	530	11246	183396
Virginia	Loudoun	396297	28946	404223	1315781
Virginia	Louisa	258265	213	263430	1210848
Virginia	Lunenburg	86332	340	88059	794012
Virginia	Madison	99639	19662	101632	520840

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
Virginia	Marion	50894	1159	51912	371267
Virginia	Marshall	74759	2830	76254	389556
Virginia	Mason	108839	330	111016	334239
Virginia	Mathews	46677	8	47611	226951
Virginia	McDowell	1041	285	1062	26612
Virginia	Mecklenburg	161825	165	165062	1268120
Virginia	Mercer	43131	5021	43994	281836
Virginia	Middlesex	59939	140	61138	197912
Virginia	Monongalia	49124	4999	50106	377219
Virginia	Monroe	84805	13422	86501	414134
Virginia	Montgomery	118271	5956	120636	511178
Virginia	Morgan	19404	16082	19792	111486
Virginia	Nansemond	15022	125	15322	515495
Virginia	Nelson	78306	7932	79872	706584
Virginia	New Kent	63592	87	64864	225663
Virginia	Nicholas	12894	6128	13152	249539
Virginia	Norfolk	5924	425	6042	753741
Virginia	Northampton	39886	50	40684	437950
Virginia	Northumberland	92441	509	94290	312775
Virginia	Nottoway	92213	0	94057	561396
Virginia	Ohio	20048	5639	20449	268165
Virginia	Orange	186022	3538	189742	613583
Virginia	**Page**	**102149**	**27438**	**104192**	**373087**
Virginia	Patrick	19571	10788	19962	321346
Virginia	Pendleton	11475	11927	11705	222534
Virginia	Pittsylvania	184112	3465	187794	1481976
Virginia	Pleasants	22785	319	23241	117841
Virginia	Pocahontas	8774	9787	8949	172544
Virginia	Powhatan	111841	0	114078	679199
Virginia	Preston	8933	10778	9112	343918
Virginia	Prince Edward	79521	0	81111	712390
Virginia	Prince George	133294	15	135960	502718
Virginia	Prince William	54069	11403	55150	312066
Virginia	Princess Anne	23147	0	23610	406471
Virginia	Pulaski	69676	4894	71070	335198
Virginia	Putnam	78796	43	80372	342920
Virginia	Raleigh	6700	1825	6834	70004
Virginia	Randolph	7675	2126	7829	147813
Virginia	Rappahannock	89275	28649	91061	426169
Virginia	Richmond	89167	2222	90950	282504
Virginia	Ritchie	27582	369	28134	218161

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
Virginia	Roane	21897	705	22335	130407
Virginia	Roanoke	175043	3133	178544	467337
Virginia	**Rockbridge**	**193338**	**18889**	**197205**	**870485**
Virginia	**Rockingham**	**358653**	**45362**	**365826**	**1336866**
Virginia	Russell	56058	10287	57179	450557
Virginia	Scott	62337	5172	63584	528983
Virginia	**Shenandoah**	**172292**	**10635**	**175738**	**467591**
Virginia	Smyth	92782	4542	94638	386076
Virginia	Southampton	12287	4532	12533	940454
Virginia	Spotsylvania	132305	955	134951	523396
Virginia	Stafford	61919	3957	63157	278993
Virginia	Surry	36761	0	37496	242277
Virginia	Sussex	87359	180	89106	643071
Virginia	Taylor	20811	898	21227	142523
Virginia	Tazewell	44619	7525	45511	343385
Virginia	Tucker	1103	1147	1125	39775
Virginia	Tyler	43727	283	44602	259639
Virginia	Upshur	27765	1719	28320	232730
Virginia	**Warren**	**104776**	**24629**	**106872**	**311031**
Virginia	Warwick	18878	0	19256	84494
Virginia	Washington	119368	3723	121755	789938
Virginia	Wayne	35319	362	36025	234698
Virginia	Webster	1586	791	1618	32534
Virginia	Westmoreland	125890	1097	128408	374154
Virginia	Wetzel	31652	1529	32285	225056
Virginia	Wirt	27488	202	28038	149470
Virginia	Wise	11108	2717	11330	135871
Virginia	Wood	74236	244	75721	319930
Virginia	Wyoming	5601	962	5713	75988
Virginia	Wythe	90485	21366	92295	556825
Virginia	York	38334	25	39101	188244
Maryland	Allegany	87715	73224	107012	840868
Maryland	Anne Arundel	221389	8150	270095	1437511
Maryland	Baltimore	286351	59831	349348	2414934
Maryland	Calvert	117119	1420	142885	710566
Maryland	Caroline	57344	11276	69960	348051
Maryland	Carroll	323996	63629	395275	1773443
Maryland	Cecil	326667	4304	398534	1833986
Maryland	Charles	151532	2127	184869	762777
Maryland	Dorchester	218422	3106	266475	1002270
Maryland	Frederick	976143	94251	1190895	3291188

State	County	Wheat (Bushels)	Rye (Bushels)	Wheat Value (Dollars)	Total Agricultural Value (Dollars)
Maryland	Harford	224808	13183	274266	1628657
Maryland	Howard	151956	21573	185386	892065
Maryland	Kent	312101	1236	380763	1564499
Maryland	Montgomery	341087	27036	416126	1662071
Maryland	Prince Georges	312796	24234	381611	1758871
Maryland	Queen Anne's	291656	29941	355820	1320821
Maryland	Somerset	138404	220	168853	940186
Maryland	St Mary's	296703	165	361978	1159387
Maryland	Talbot	343514	1708	419087	1175203
Maryland	Washington	882814	77993	1077033	2459811
Maryland	Worcester	40963	294	49975	1069312

Table 4: Enslaved People per Household, Frederick County 1810

This table contains aggregated data from the 1810 Federal Census on the number of enslaved people per household in Frederick County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 2,655 households, of which 825 (31.07%) enslaved people. The bolded row indicates Isaac Hite, Jr's household. Hite owned Belle Grove Plantation in 1810. Data was transcribed from John Vogt's transcription of the census (2007).

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	213	213	25.8%	3.3%
2	118	236	40.1%	7.0%
3	81	243	49.9%	10.8%
4	62	248	57.5%	14.7%
5	47	235	63.2%	18.4%
6	41	246	68.1%	22.3%
7	28	196	71.5%	25.3%
8	24	192	74.4%	28.4%
9	26	234	77.6%	32.0%
10	20	200	80.0%	35.2%
11	20	220	82.4%	38.6%
12	20	240	84.8%	42.4%
13	17	221	86.9%	45.8%
14	12	168	88.4%	48.5%
15	8	120	89.3%	50.3%
16	3	48	89.7%	51.1%
17	6	102	90.4%	52.7%
18	10	180	91.6%	55.5%
19	6	114	92.4%	57.3%
20	7	140	93.2%	59.5%
21	4	84	93.7%	60.8%
22	3	66	94.1%	61.8%
23	1	23	94.2%	62.2%
24	3	72	94.5%	63.3%
25	2	50	94.8%	64.1%
26	4	104	95.3%	65.8%
27	5	135	95.9%	67.9%
28	2	56	96.1%	68.7%
29	1	29	96.2%	69.2%
30	1	30	96.4%	69.7%
31	1	31	96.5%	70.2%
33	1	33	96.6%	70.7%
34	2	68	96.8%	71.7%
35	2	70	97.1%	72.8%

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
36	3	108	97.5%	74.5%
40	1	40	97.6%	75.2%
42	1	42	97.7%	75.8%
43	1	43	97.8%	76.5%
44	1	44	97.9%	77.2%
45	1	45	98.1%	77.9%
46	2	92	98.3%	79.3%
48	1	48	98.4%	80.1%
50	1	50	98.5%	80.9%
51	1	51	98.7%	81.7%
52	1	52	98.8%	82.5%
57	1	57	98.9%	83.4%
60	2	120	99.2%	85.3%
64	1	64	99.3%	86.3%
80	2	160	99.5%	88.8%
103	**1**	**103**	**99.6%**	**90.4%**
143	1	143	99.8%	92.6%
146	1	146	99.9%	94.9%
325	1	325	100.0%	100.0%

Table 5: Enslaved People per Household, Western Frederick County 1830

This table contains aggregated data from the 1830 Federal Census on the number of enslaved people per household in Western Frederick County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 1,639 households, of which 421 (25.68%) enslaved people. Data for Isaac Hite, Jr's household is included in Table 6, Eastern Frederick County. Hite owned Belle Grove Plantation in 1830.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	136	136	32.3%	6.7%
2	58	116	46.1%	12.4%
3	36	108	54.6%	17.7%
4	36	144	63.2%	24.8%
5	30	150	70.3%	32.2%
6	29	174	77.2%	40.7%
7	19	133	81.7%	47.2%
8	17	136	85.7%	53.9%
9	10	90	88.1%	58.4%
10	11	110	90.7%	63.8%
11	4	44	91.7%	65.9%
12	8	96	93.6%	70.6%
13	5	65	94.8%	73.8%
14	5	70	96.0%	77.3%
15	1	15	96.2%	78.0%
16	0	0	96.2%	78.0%
17	0	0	96.2%	78.0%
18	2	36	96.7%	79.8%
19	2	38	97.1%	81.7%
20	1	20	97.4%	82.6%
21	1	21	97.6%	83.7%
22	2	44	98.1%	85.8%
23	2	46	98.6%	88.1%
24	2	48	99.0%	90.5%
25	0	0	99.0%	90.5%
26	0	0	99.0%	90.5%
27	0	0	99.0%	90.5%
28	0	0	99.0%	90.5%
29	1	29	99.3%	91.9%
30	0	0	99.3%	91.9%
45	1	45	99.5%	94.1%
55	1	55	99.8%	96.8%
65	1	65	100.0%	100.0%

Table 6: Enslaved People per Household, Eastern Frederick County 1830

This table contains aggregated data from the 1830 Federal Census on the number of enslaved people per household in Eastern Frederick County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 1,620 households, of which 636 (39.25%) enslaved people. The bolded row indicates Isaac Hite, Jr's household. Hite owned Belle Grove Plantation in 1830.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	151	151	23.7%	2.8%
2	61	122	33.3%	5.1%
3	79	237	45.8%	9.5%
4	54	216	54.2%	13.5%
5	30	150	59.0%	16.3%
6	28	168	63.4%	19.5%
7	23	161	67.0%	22.5%
8	22	176	70.4%	25.8%
9	21	189	73.7%	29.3%
10	20	200	76.9%	33.0%
11	18	198	79.7%	36.7%
12	8	96	81.0%	38.5%
13	15	195	83.3%	42.1%
14	4	56	84.0%	43.2%
15	11	165	85.7%	46.3%
16	7	112	86.8%	48.4%
17	4	68	87.4%	49.6%
18	5	90	88.2%	51.3%
19	8	152	89.5%	54.1%
20	5	100	90.3%	56.0%
21	2	42	90.6%	56.8%
22	3	66	91.0%	58.0%
23	2	46	91.4%	58.9%
24	6	144	92.3%	61.6%
25	3	75	92.8%	63.0%
26	5	130	93.6%	65.4%
28	6	168	94.5%	68.5%
29	1	29	94.7%	69.1%
30	1	30	94.8%	69.6%
31	1	31	95.0%	70.2%
32	1	32	95.1%	70.8%
33	4	132	95.8%	73.3%
34	2	68	96.1%	74.5%
35	1	35	96.2%	75.2%

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
36	**1**	**36**	**96.4%**	**75.9%**
37	2	74	96.7%	77.2%
38	3	114	97.2%	79.4%
39	1	39	97.3%	80.1%
40	1	40	97.5%	80.8%
47	2	94	97.8%	82.6%
50	2	100	98.1%	84.5%
51	1	51	98.3%	85.4%
56	2	112	98.6%	87.5%
61	1	61	98.7%	88.6%
62	2	124	99.1%	91.0%
68	2	136	99.4%	93.5%
71	1	71	99.5%	94.8%
82	1	82	99.7%	96.3%
86	1	86	99.8%	97.9%
110	1	110	100.0%	100.0%

Table 7: Enslaved People per Household, Frederick County 1840

This table contains aggregated data from the 1840 Federal Census on the number of enslaved people per household in Frederick County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 1,860 households, of which 490 (26.34%) enslaved people. An entry for Ann T. Hite has not been found in the 1840 Census. Hite owned Belle Grove Plantation in 1840. The bolded row includes the household of Isaac Fountain Hite, a son of Isaac and Ann Hite who inherited the Rockville Tract.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	158	158	32.2%	6.9%
2	80	160	48.6%	13.8%
3	43	129	57.3%	19.4%
4	37	148	64.9%	25.9%
5	31	155	71.2%	32.6%
6	27	162	76.7%	39.7%
7	25	175	81.8%	47.3%
8	15	120	84.9%	52.5%
9	19	171	88.8%	59.9%
10	10	100	90.8%	64.3%
11	2	22	91.2%	65.2%
12	10	120	93.3%	70.4%
13	5	65	94.3%	73.3%
14	1	14	94.5%	73.9%
15	8	120	96.1%	79.1%
16	3	48	96.7%	81.2%
17	1	17	96.9%	81.9%
18	2	36	97.3%	83.5%
19	1	19	97.6%	84.3%
22	**2**	**44**	**98.0%**	**86.2%**
23	3	69	98.6%	89.2%
27	1	27	98.8%	90.4%
28	1	28	99.0%	91.6%
29	1	29	99.2%	92.9%
30	1	30	99.4%	94.2%
31	1	31	99.6%	95.5%
50	1	50	99.8%	97.7%
53	1	53	100.0%	100.0%

Table 8: Enslaved People per Household, Clarke County 1840

This table contains aggregated data from the 1840 Federal Census on the number of enslaved people per household in Clarke County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 537 households, of which 309 (57.54 %) enslaved people. The bolded row includes the household of James Madison Hite, the eldest son of Isaac and Ann Hite who inherited the Guilford Plantation.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	55	55	17.8%	1.6%
2	22	44	24.9%	3.0%
3	23	69	32.4%	5.0%
4	32	128	42.7%	8.9%
5	17	85	48.2%	11.4%
6	11	66	51.8%	13.4%
7	12	84	55.7%	15.9%
8	12	96	59.5%	18.8%
9	11	99	63.1%	21.7%
10	13	130	67.3%	25.6%
11	2	22	68.0%	26.3%
12	5	60	69.6%	28.1%
13	7	91	71.8%	30.8%
14	15	210	76.7%	37.1%
15	7	105	79.0%	40.2%
16	5	80	80.6%	42.6%
17	5	85	82.2%	45.2%
18	5	90	83.8%	47.9%
19	4	76	85.1%	50.1%
21	4	84	86.4%	52.7%
22	4	88	87.7%	55.3%
23	3	69	88.7%	57.4%
24	2	48	89.3%	58.8%
25	2	50	90.0%	60.3%
26	1	26	90.3%	61.1%
27	3	81	91.3%	63.5%
29	1	29	91.6%	64.4%
30	1	30	91.9%	65.3%
31	1	31	92.2%	66.2%
32	3	96	93.2%	69.1%
34	3	102	94.2%	72.1%
35	**3**	**105**	**95.1%**	**75.3%**
36	1	36	95.5%	76.3%
38	1	38	95.8%	77.5%

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
39	1	39	96.1%	78.7%
41	2	82	96.8%	81.1%
42	1	42	97.1%	82.4%
45	1	45	97.4%	83.7%
46	1	46	97.7%	85.1%
48	1	48	98.1%	86.5%
63	1	63	98.4%	88.4%
67	1	67	98.7%	90.4%
73	1	73	99.0%	92.6%
78	1	78	99.4%	94.9%
79	1	79	99.7%	97.3%
90	1	90	100.0%	100.0%

Table 9: Enslaved People per Household, Frederick County 1850

This table contains aggregated data from the 1850 Slave Schedule on the number of enslaved people per household in Frederick County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 462 households. However, these have not been cross-referenced with the total number of households in Frederick County from the 1850 Census, so the percentage of households enslaving people cannot be calculated. The bolded row indicates Ann T. Hite's household. Hite Owned Belle Grove Plantation in 1850.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	134	134	29.0%	5.4%
2	60	120	42.0%	10.2%
3	54	162	53.7%	16.7%
4	35	140	61.3%	22.3%
5	23	115	66.2%	26.9%
6	27	162	72.1%	33.4%
7	14	98	75.1%	37.3%
8	24	192	80.3%	45.0%
9	12	108	82.9%	49.3%
10	8	80	84.6%	52.5%
11	6	66	85.9%	55.2%
12	10	120	88.1%	60.0%
13	10	130	90.3%	65.2%
14	3	42	90.9%	66.9%
15	**9**	**135**	**92.9%**	**72.3%**
16	8	128	94.6%	77.4%
17	1	17	94.8%	78.1%
18	1	18	95.0%	78.8%
19	3	57	95.7%	81.1%
20	3	60	96.3%	83.5%
21	4	84	97.2%	86.9%
22	1	22	97.4%	87.7%
23	1	23	97.6%	88.7%
24	6	144	98.9%	94.4%
25	2	50	99.4%	96.4%
26	1	26	99.6%	97.5%
27	0	0	99.6%	97.5%
28	0	0	99.6%	97.5%
29	1	29	99.8%	98.6%
30	0	0	99.8%	98.6%
31	0	0	99.8%	98.6%
32	0	0	99.8%	98.6%
33	0	0	99.8%	98.6%

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
34	1	34	100.0%	100.0%

Table 10: Enslaved People per Household, Clarke County 1850

This table contains aggregated data from the 1850 Slave Schedule on the number of enslaved people per household in Clarke County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 361 households. However, these have not been cross-referenced with the total number of households in Clarke County from the 1850 Census, so the percentage of households enslaving people cannot be calculated.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	56	56	15.5%	1.5%
2	25	50	22.4%	2.9%
3	36	108	32.4%	5.9%
4	18	72	37.4%	7.9%
5	22	110	43.5%	10.9%
6	23	138	49.9%	14.7%
7	24	168	56.5%	19.3%
8	22	176	62.6%	24.2%
9	13	117	66.2%	27.4%
10	12	120	69.5%	30.7%
11	10	110	72.3%	33.7%
12	9	108	74.8%	36.7%
13	5	65	76.2%	38.5%
14	10	140	78.9%	42.3%
15	6	90	80.6%	44.8%
16	6	96	82.3%	47.5%
17	5	85	83.7%	49.8%
18	3	54	84.5%	51.3%
19	5	95	85.9%	53.9%
20	2	40	86.4%	55.0%
21	2	42	87.0%	56.2%
22	2	44	87.5%	57.4%
23	6	138	89.2%	61.2%
24	1	24	89.5%	61.8%
25	4	100	90.6%	64.6%
26	2	52	91.1%	66.0%
27	4	108	92.2%	69.0%
28	2	56	92.8%	70.5%
29	1	29	93.1%	71.3%
30	1	30	93.4%	72.1%
31	2	62	93.9%	73.9%
32	2	64	94.5%	75.6%
33	1	33	94.7%	76.5%
34	4	136	95.8%	80.3%

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
35	3	105	96.68%	83.15%
36	1	36	96.95%	84.15%
40	1	40	97.23%	85.25%
41	3	123	98.06%	88.63%
42	1	42	98.34%	89.79%
46	1	46	98.61%	91.05%
60	1	60	98.89%	92.71%
62	1	62	99.17%	94.41%
65	1	65	99.45%	96.20%
66	1	66	99.72%	98.02%
72	1	72	100.00%	100.00%

Table 11: Enslaved People per Household, Frederick County 1860

This table contains aggregated data from the 1860 Slave Schedule on the number of enslaved people per household in Frederick County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 300 households. However, these have not been cross-referenced with the total number of households in Frederick County from the 1860 Census, so the percentage of households enslaving people cannot be calculated. The bolded row for 16 enslaved people includes the household of Isaac Fountain Hite, a son of Isaac and Ann Hite who inherited the Rockville Tract. The bolded row with five enslaved people includes John and Benjamin Cooley, who owned Belle Grove Plantation in 1860.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	101	101	33.7%	6.6%
2	34	68	45.0%	11.0%
3	32	96	55.7%	17.2%
4	23	92	63.3%	23.2%
5	**13**	**65**	**67.7%**	**27.5%**
6	13	78	72.0%	32.5%
7	16	112	77.3%	39.8%
8	13	104	81.7%	46.6%
9	6	54	83.7%	50.1%
10	6	60	85.7%	54.0%
11	4	44	87.0%	56.9%
12	6	72	89.0%	61.5%
13	7	91	91.3%	67.5%
14	2	28	92.0%	69.3%
15	6	90	94.0%	75.1%
16	**3**	**48**	**95.0%**	**78.3%**
17	1	17	95.3%	79.4%
19	2	38	96.0%	81.8%
20	2	40	96.7%	84.5%
21	3	63	97.7%	88.5%
22	1	22	98.0%	90.0%
23	2	46	98.7%	93.0%
24	1	24	99.0%	94.5%
25	2	50	99.7%	97.8%
34	1	34	100.0%	100.0%

Table 12: Enslaved People per Household, Clarke County 1860

This table contains aggregated data from the 1860 Slave Schedule on the number of enslaved people per household in Clarke County. It includes the total number of households enslaving different amounts of enslaved people and the total number of people enslaved by these households. In total, the table includes data on 403 households. However, these have not been cross-referenced with the total number of households in Clarke County from the 1860 Census, so the percentage of households enslaving people cannot be calculated.

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
1	115	115	28.5%	3.4%
2	35	70	37.2%	5.5%
3	29	87	44.4%	8.1%
4	18	72	48.9%	10.3%
5	26	130	55.3%	14.2%
6	17	102	59.6%	17.2%
7	12	84	62.5%	19.7%
8	16	128	66.5%	23.5%
9	15	135	70.2%	27.6%
10	13	130	73.4%	31.5%
11	15	165	77.2%	36.4%
12	6	72	78.7%	38.5%
13	9	117	80.9%	42.0%
14	5	70	82.1%	44.1%
15	12	180	85.1%	49.5%
16	3	48	85.9%	50.9%
17	4	68	86.8%	53.0%
18	4	72	87.8%	55.1%
19	6	114	89.3%	58.5%
20	3	60	90.1%	60.3%
21	2	42	90.6%	61.6%
22	4	88	91.6%	64.2%
23	2	46	92.1%	65.6%
24	1	24	92.3%	66.3%
25	2	50	92.8%	67.8%
26	3	78	93.5%	70.1%
27	5	135	94.8%	74.1%
28	2	56	95.3%	75.8%
29	1	29	95.5%	76.7%
30	2	60	96.0%	78.5%
32	1	32	96.3%	79.4%
33	2	66	96.8%	81.4%
34	2	68	97.3%	83.4%
36	1	36	97.5%	84.5%

People Enslaved per Household	Number of Households	Number of Enslaved People	Cumulative Percent of Enslaving Households	Cumulative Percent of Enslaved People
37	1	37	97.8%	85.6%
38	2	76	98.3%	87.9%
41	1	41	98.5%	89.1%
47	3	141	99.3%	93.3%
55	1	55	99.5%	95.0%
72	1	72	99.8%	97.1%
97	1	97	100.0%	100.0%

Appendix B: Supplementary Data for Chapter 2

Table 1: Entries from Frederick County, 1853-1860

This table contains all entries for enslaved men in the Frederick County Death Registry between 1853 and 1860. It also contains all entries in the Death Registry for White men who have their occupation listed between 1853 and 1859. All data obtained from Dee Ann Buck's transcription of the Death Registry (Buck 1997a). Page numbers refer to pages in Buck's transcription.

Status	Name	Year	Month	Cause	Age	Occupation	Page
Enslaved	Benjamin	1853	July	Typhoid Fever	45	Enslaved	6
Enslaved	Benjamin	1853		n.d.	44	Enslaved	16
Enslaved	Berkeley	1855	November	Summer Complaint	70	Enslaved	2
Enslaved	Daniel	1857	December	Typhoid Fever	40	Enslaved	23
Enslaved	David	1859	September	Pneumonia	62	Enslaved	35
Enslaved	George	1853		Unknown	30	Enslaved	36
Enslaved	Harrison	1856	November	Typhoid Fever	16	Enslaved	17
Enslaved	Harry	1856	February	Old Age	89	Enslaved	24
Enslaved	Henry	1854	November	Old Age	70	Enslaved	17
Enslaved	James	1858	January	Consumption	28	Enslaved	32
Enslaved	Jerry	1857	September	Old Age	57	Enslaved	6
Enslaved	John	1859		Typhoid Fever	21	Enslaved	17
Enslaved	Joseph	1859	September	Bowels Infection	33	Enslaved	5
Enslaved	Levi	1859	December	Consumption	29	Enslaved	5
Enslaved	Male	1853	April	n.d.	25	Enslaved	13
Enslaved	Michael	1858	December	Dropsy of the Chest	19	Enslaved	6
Enslaved	Nero	1857	April	Typhoid Pneumonia	47	Enslaved	24
Enslaved	Reuben	1854	July	Dropsy	53	Enslaved	34
Enslaved	Samuel	1858	August	Dropsy	69	Enslaved	4
Enslaved	Unnamed	1857	April	Old Age	68	Enslaved	7
Enslaved	Walsh, George	1857	December	Bowels Inflammation	39	Enslaved	4
Enslaved	William	1854	October	n.d.	60	Enslaved	16
White	Anderson, Conrad	1854	September	Dropsy of the Heart	67	Farmer	1
White	Anderson, George	1857	October	Consumption	33	Cobbler / Cooper	2
White	Bank, Richard	1853	February	Dropsy	68	Farmer	2
White	Barton, Robert	1859	September	Consumption	35	Laborer	3
White	Bond, George	1857	November	Paralysis	57	Farmer / Blacksmith	4
White	Bowen, James G.	1855	September	Disease of the Heart	82	Farmer	4
White	Boxwell, Daniel R.	1856	June	Typhoid Fever	22	Farmer	4
White	Burgess, Moses	1858	May	Drowning	49	Farmer	5
White	Cain, John	1857	August	Cancer of the Nose	70	Laborer	6

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	Caligan, Jacob	1858	June	Consumption	43	Laborer	6
White	Carson, Elisha	1859	August	Consumption	67	Farmer	6
White	Carter, Joseph	1855		Paralysis	73	Farmer	7
White	Cole, Isaac B.	1859	June	Consumption	47	Farmer	8
White	Cooper, Benjamin	1859	October	Manic Depressive	52	Farmer	9
White	Cooper, Sham	1859	August	Flux	34	Blacksmith	9
White	Copenhaver, Jacob	1859	December	Cancer of Throat	65	Blacksmith / Farmer	9
White	Drake, George F.	1857	September	Typhoid Fever	20	Plasterer	11
White	Dunlap, William	1859	March	Pneumonia	89	Farmer	11
White	Florence, Richard	1854	November	Disease of the Heart	55	Blacksmith	12
White	Franklin, Moses	1856	July	Nervous Affection	56	Laborer	13
White	Fries, Martin Sr.	1856	July	Unknown	47	Farmer	13
White	Funkhouser, Martin	1859	December	Dropsy	58	Farmer	13
White	Gardner, James L.	1858	October	Inflamed Fever	25	Carpenter	13
White	Garrett, Jacob	1853	October	n.d.	76	Farmer	13
White	Good, Peter	1856	June	Dropsy of the Heart	61	Farmer	14
White	Grove, William	1857	October	Drowning by Disposition	45	Farmer	15
White	Hall, James B.	1853	October	Dropsy	56	Farmer	15
White	Hart, William	1859	November	Bronchitis	43	Blacksmith	16
White	Heironimus, Jacob	1859	September	Unknown	78	Farmer	16
White	Hollingsworth, David	1859	June	Parasite of the Bowels	70	Farmer / Miller	18
White	Jefferson, Ben. W.	1857	August	Apoplexy	54	Farmer	19
White	Jenkins, Edward	1856	July	Lock Jaw	51	Carpenter	19
White	Jenkins, George W.	1853	January	Typhoid Fever	17	Laborer	19
White	Kackley, Samuel	1854	October	Typhoid Fever	67	Cooper	20
White	Kline, Adam	1854		Pneumonia	57	Laborer	22
White	Kline, Daniel	1853	January	n.d.	79	Farmer	22
White	Kline, Henry	1856	August	Paralysis	52	Laborer	22
White	Lawyer, Philip	1854	July	Kidney Affection	45	Farmer	23
White	Leary, William	1857	November	Dropsy	93	Farmer	23
White	Lickliter, Daniel	1859	May	Dropsy	67	Saddler	23
White	Lupton, Abner H.	1855	February	Consumption	30	Farmer	24
White	Marker, John	1854	October	Affection of the Heart	67		25
White	McCormick, Levi	1853	May	Consumption	63	Farmer	26
White	McIntire, Charles	1859	December	Dropsy	74	Farmer / Miller	26
White	Merryman, Charles	1853	June	Consumption	50	Farmer	27
White	Miller, Joseph	1853	March	Old Age	87	Farmer	27
White	Moss, John	1859	April	Consumption	60	Farmer	28
White	Moss, Presley	1858	December	Old Age	90	Farmer	28
White	Nisewanger, John	1858	July	Old Age	86	Farmer	29

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	Orndorff, John	1857	May	Cold	64	Farmer	29
White	Osburn, George	1855		Paralysis	76	Farmer	29
White	Owen, William	1857	July	Mania Pocurante	52	Laborer	29
White	Pool, Allen J.	1859	September	Drowning	20	Farmer	31
White	Pritchard, Stephen	1858	July	Bowel Inflammation	82	Farmer	31
White	Rhodes, Joseph	1855	November	n.d.	44	Inn Keeper	31
White	Richard, Henry	1855	November	n.d.	74	Farmer	32
White	Richard, Joseph	1855	May	Dropsy of the Chest	52	Farmer	32
White	Richard, Mordecai	1855	March	Typhoid Fever	44	Farmer	32
White	Richards, John R.	1857	October	Typhoid Fever	69	Farmer	32
White	Shenk, Henry F.	1856		Broken Leg	40	Manufacturer	34
White	Sibert, Jacob F.	1858	June	Pneumonia	78	Farmer	35
White	Smith, Isaac N.	1858	April	Pneumonia	33	Farmer	35
White	Smith, Isaac W.	1854	December	Stabbing	25	Farmer	35
White	Smith, Jonathon	1859	November	Consumption	68	Farmer	35
White	Strother, William	1857	June	Dropsy	61	Farmer	37
White	Swhier, George	1853	March	Unknown	50	Farmer / Miller	38
White	Taylor, John	1857	March	Cancer of the Heart	66	Laborer	38
White	Taylor, Joseph H.	1853	November	Consumption	28	Cooper	38
White	Taylor, Paul	1853	November	No Particular Disease	108	Farmer	38
White	Trone, John T.	1859	September	Consumption	24	Farmer	39
White	Vance, Samuel	1856		Accidentally Shot	51	Laborer	39
White	White, Elijah	1858	November	Typhoid Fever	56	Farmer	41
White	White, Joseph	1854	May	Bronchitis	44	Farmer	41
White	Wigington, James	1856	March	Paralysis	61	Farmer	41

Table 2: Entries from Shenandoah County, 1853-1860

This table contains all entries for enslaved men in the Shenandoah County Death Registry between 1853 and 1860. It also contains all entries in the Death Registry for White men who have their occupation listed between 1853 and 1859. All data obtained from Dee Ann Buck's transcription of the Death Registry (Buck 1997b). Page numbers refer to pages in Buck's transcription.

Status	Name	Year	Month	Cause	Age	Occupation	Page
Enslaved	Aaron	1854	April	Pneumonia	18	Enslaved	38
Enslaved	Albert	1856	March	Dropsy	30	Enslaved	44
Enslaved	Anthony	1855	March	Typhoid Fever	17	Farm Hand	1
Enslaved	Daniel	1856		Fall from a Wagon	16	Farm Hand	23
Enslaved	David	1856	November	Old Age		Farm Hand	34
Enslaved	Harrison	1853	March	Typhoid Pneumonia	17	Enslaved	51
Enslaved	James	1853	February	Old Age	78	Enslaved	47
Enslaved	James Painter	1854	August	Flux	67	Enslaved	50
Enslaved	Jerry	1856	August	Old Age and Disability	89	Farm Hand	4
Enslaved	John	1856	March	Hemorrhage	30	Farm Hand	57
Enslaved	Nassel	1855	March	Bilious Fever	29	Enslaved	1
Enslaved	Noah	1854	May	Typhoid Pneumonia	55	Laborer	4
Enslaved	Reuben	1854	May	Consumption	40	Enslaved	1
Enslaved	Richard	1853	April	Consumption	18	Enslaved	48
Enslaved	Thomas	1853	October	Old Age	68	Enslaved	12
Enslaved	Timothy	1854	November	Dysentery	40	Enslaved	38
Enslaved	Unnamed	1856	February	Typhoid Fever	65	Enslaved	40
Enslaved	Unnamed	1857	November	Broken Leg	57	Enslaved	55
Enslaved	Unnamed	1854	April	Pneumonia	50	Enslaved	46
Enslaved	Unnamed	1857	January	Typhoid Fever	50	Enslaved	40
Enslaved	Unnamed	1856	April	Bowel Inflammation	28	Enslaved	44
Enslaved	Unnamed	1857	February	Consumption	23	Enslaved	55
Enslaved	Unnamed	1859	September	Unknown	23	Enslaved	29
Enslaved	Unnamed	1858	January	Consumption	17	Enslaved	24
Enslaved	Wesley	1854	December	Mortification	42	Enslaved	58
Enslaved	Willey	1858	August	Consumption	21	Enslaved	49
Enslaved	William	1860	November	Hemorrhage	22	Enslaved	1
Enslaved	William	1853	June	Disease of the Lungs and Heart	21	Enslaved	48
White	Allen, J.J.	1858	August	Fever		Farmer	1
White	Anderson, Alex.	1855	January	Stomach Affection	45	Lawyer	1
White	Anderson, Peter	1858		Consumption	24	Carpenter	1
White	Artz, John	1854	March	Pneumonia	70	Farmer	2
White	Barb, Jacob	1854	May	Old Age	75	Farmer	3
White	Barton, Isaac	1858	December	Dropsy	37	Collier	3

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	Beeler, Solomon	1859	May	Neurasthenia	58	Farmer	4
White	Blair, Robert P.	1858	October	Affection of the Brain	46	Painter	4
White	Bowman, Christian	1854	August	Old Age	69	Farmer	5
White	Bowman, Henry	1859	October	Fever	35	Farmer	5
White	Branner, John	1859	April	Erysipelas	69	Farmer	6
White	Cain, Robert	1857	September	Fever	24	Laborer	8
White	Chrisman, Isaac	1859	February	Affection of Kidney	83	Farmer	8
White	Clark, Richard	1854	March	Not Reported	36	Tanner	8
White	Cline, John L.	1855	November	Typhoid Dysentery	22	Farmer	9
White	Clowder, Samuel	1857	April	Paralysis	64	Cobbler	9
White	Coffman, John A.	1858	April	Asthma		Farmer	10
White	Coffman, Will. D.	1855	May	Typhoid Fever	24	Cobbler	11
White	Conner, James Sr.	1854	April	Typhoid Pneumonia		Farmer	11
White	Copp, Jacob	1855	June	Cholera	64	Farmer	11
White	Coverstone, Abraham	1855	August	Typhoid Fever	33	Farmer	11
White	Covertone, George	1857	November	Typhoid Fever	17	Farmer	11
White	Crabill, Obed	1855	December	Typhoid Fever	55	Farmer	11
White	Dellinger, David	1854	February	Typhoid Fever	66	Farmer	14
White	Denney, Thornton	1853	March	Typhoid Pneumonia	38	Farmer	14
White	Douglass, Richardson	1858	May	Consumption	48	Physician	15
White	Eberly, Jacob	1854	February	Dyspepsia	59	Farmer	15
White	Estep, Jacob	1854	December	Neurolysis	65	Laborer	15
White	Estep, Levi	1854	March	Typhoid Pneumonia	25	Laborer	16
White	Evans, James H.	1854	August	Typhoid Fever	23	Carpenter	16
White	Fisher, Philip	1858	April	Consumption	35	Cobbler	17
White	Foltz, Daniel	1858	February	Dropsy	58	Farmer	18
White	Foltz, Isaac	1855	February	Typhoid Pneumonia	25	Farmer	18
White	Foltz, Jacob	1855	May	Typhoid Fever	27	Farmer	18
White	Foster, James	1854	April	Typhoid Fever	38	Wagon Maker	18
White	Fravel, Charles W.	1855	September	Typhoid Fever	20	Blacksmith (apprentice)	19
White	Fravel, Frederick	1859	April	Croup Colic	42	Pipe Bower	19
White	Fry, Jacob	1858	March	Measles		Farmer	19
White	Funkhouser, Daniel	1853	March	Bronchitis Consumption	22	Laborer	20
White	Funkhouser, Harrison	1859	July	Cramp	35	Farmer	20
White	Garber, Jacob	1855	March	Ind.	56	Farmer	21
White	Getz, Jacob	1857	November	Rheumatism	23	Farmer	21
White	Good, William	1855	March	Typhoid Fever	58	Farmer	22

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	Grabill, Daniel	1854	August	Consumption	66	Farmer	23
White	Grabill, John	1854	July	Consumption	68	Cooper	23
White	Gradnstaff, William B.	1853	April	Typhoid Fever	31	Carpenter	23
White	Grandstaff, John	1853	July	Kidney Inflammation	64	Gun Smith	23
White	Grandstaff, Philip G.	1853	May	Cut with An Ax	23	Farmer	23
White	Hanson, John H.	1853	September	Killed by Wagon	21	Wagoner	24
White	Helsley, Frederick	1854	October	Typhoid Pneumonia	59	Farmer	25
White	Hepner, Strother	1854	September	Killed by Wagon	32	Wagoner	26
White	Higgs, Robert	1858	May	Lock Jaw		Laborer	27
White	Holler, Joseph	1855	October	Consumption	56	Farmer	28
White	Hottle, Daniel	1858	September	Consumption	75	Farmer	28
White	Huddle, Adam	1855	April	Typhoid Fever	35	Merchant and Farmer	29
White	Huddle, William	1854	May	Typhoid Pneumonia	44	Wagoner	29
White	Hutchinson, Rob.	1855	December	Stab	23	Constable	30
White	Jacobs, Jacob	1856	March	Old Age	84	Farmer	30
White	James, John W.	1858	September	Scrofula	15	Farmer	30
White	Jordon, R.R.	1859	October	Consumption	54	Physician	31
White	Keller, George	1859	March	Od Age	78	Farmer	32
White	Keller, George	1856	July	Typhoid Fever	37	Farmer	32
White	Keller, Jacob	1857	August	Typhoid Fever	43	Miller	32
White	Keller, John	1857	March	Paralysis	63	Farmer	32
White	Kendall, Leonard	1856	May	Stomach Inflammation	61	Carpenter	32
White	Kendrick, Samuel	1859	June	Typhoid Fever	57	Farmer	32
White	Kerns, Samuel	1857	July	Dropsy	81	Carpenter	32
White	Kipps, George	1853	April	Pneumonia	85	Carpenter	33
White	Koontz, Moses	1854	March	Typhoid Pneumonia	57	Carpenter	34
White	Krider, John A.	1855	August	Typhoid Fever	32	House Keeper	34
White	Lichliter, Isaac	1854	April	Unknown	45	Carpenter	35
White	Long, Jacob	1855	April	Typhoid Fever	38	Farmer	36
White	Ludwig, George	1857	January	Caught in Gearing	16	Miller	36
White	McClanahan, Robert	1855	March	Pneumonia	46	Blacksmith	38
White	McClanahan, Robert	1855	March	Consumption		Blacksmith	38
White	McInturff, Daniel	1859	January	Fever	72	Farmer	38
White	McInturff, Daniel	1855	March	Consumption	64	Farmer	38
White	McInturff, Samuel	1859	February	Consumption	25	Farmer	38
White	McInturff, William C.	1856	June	Consumption	35	Merchant	38
White	McNight, John	1858	November	Pneumonia	67	Laborer	38

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	McQuay, Patrick	1855	July	Yellow Fever	56	Laborer	38
White	Miler, Elias	1857	August	Typhoid Fever	22	Carpenter	39
White	Miller, George	1859	February	Old Age		Farmer	39
White	Miller, Jacob S.	1855	December	Typhoid Fever	34	Carpenter	39
White	Miller, Jacob Se.	1853	October	Typhoid Fever	65	Farmer	39
White	Miller, Jacob W.	1856	September	Old Age	81	Cabinet Maker	39
White	Miller, Joseph	1854	June	Typhoid Pneumonia	45	Farmer	39
White	Miller, William	1855	August	Typhoid Fever	27	Blacksmith	40
White	Myers, John	1859	March	Consumption	62	Farmer	42
White	Newman, John E.	1859	September	Flux		Schoolmaster	43
White	Orndoff, Jacob	1859	July	Gravel	72	Farmer	44
White	Orndoff, Lewis	1854	May	Typhoid Pneumonia	56	Farmer	44
White	Orndoff, Samuel	1858	July	Cholera Morbus	56	Farmer	44
White	Penn, Levi	1854	March	Pneumonia	20	Farmer	45
White	Pirkey, William	1855	August	Typhoid Fever	29	Farmer	46
White	Reedy, James H.	1854	April	Consumption	21	Wagoner	47
White	Richard, John W.	1859	December	Consumption	36	Farmer	47
White	Ridolph, John	1854	April	Typhoid Pneumonia	57	Farmer	50
White	Rine, Richard S.	1858	September	Brain Infection	34	Farmer	48
White	Ross, Reuben	1854	July	Dropsy	57	Farmer	49
White	Ruddel, James	1856	September	Typhoid Fever	48	Farmer	50
White	Ryman, John Sr.	1858	December	Not Known	94	Farmer	51
White	Salyards, Erasmus	1855	December	Consumption	23	School Teacher	51
White	Schmucker, Jacob Sr.	1857	October	Old Age	83	Farmer	51
White	Shell, Samuel	1854	April	Typhoid Fever	68	Laborer	52
White	Shomo, John A.	1854	December	Pneumonia	38	Carpenter	52
White	Shutters, Solomon	1854	March	Consumption	67	Farmer	53
White	Silbert, George	1858	July	Old Age	78	Farmer	53
White	Smoot, Matthis	1856	September	Dropsy	62	Lawyer	54
White	Smootz, John	1853	November	Nervous Affection	62	Farmer	54
White	Soreman, Adam	1855	April	Old Age	72	Farmer	55
White	Spigle, Peter	1857	December	Typhoid Fever	41	Farmer	55
White	Spigle, William	1854	February	Consumption	54	Farmer	55
White	Spitler, Mathias	1855	February	Gravel	80	Farmer	55
White	Spriggle, Isaac	1854	April	Pneumonia	26	Blacksmith	56
White	Stickely, Ben.	1853	August	Consumption		Farmer	56
White	Stickely, David	1856	October	Disease of Kidney	75	Farmer	56
White	Stickely, Samuel	1853	November	Typhoid Fever	67	Farmer	56
White	Strayer, Alfred G.	1855	October	Stomach Disease	27	Lawyer	57
White	Supinger, Peter	1857	March	Consumption	67	Blacksmith	57
White	Tabor, Christian	1856	January	Dropsy of the Chest	76	Carpenter	58

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	Walden, Newman	1853	July	Typhoid Fever	39	Farmer	59
White	Wassmick, Jesse	1855	October	Not Given	50	Cooper	59
White	Wilkerson, Israel	1857	March	Typhoid Fever	58	Hotel Keeper	61
White	Wilkin, John	1859	May	Hemorrhage of Lungs	72	Farmer	61
White	Williams, Philip	1854	November	Consumption	44	Farmer	61
White	Windel, Emanuel E.	1856	May	Consumption	57	Cobbler	62
White	Windel, Emanuel P.	1856	September	Typhoid Fever	22	Farmer	62
White	Wiseman, Samuel	1855	March	Typhoid Fever	44	Farmer	63
White	Wolf, Adam	1858	May	Consumption	92	Blacksmith	63
White	Zea, Philip	1857	July	Dropsy	65	Cobbler	64
White	Zirkle, Charles	1854	November	Typhoid Fever	29	Cabinet Marker	64

Table 3: Entries from Warren County, 1853-1860

This table contains all entries for enslaved men in the Warren County Death Registry between 1853 and 1860. It also contains all entries in the Death Registry for White men who have their occupation listed between 1853 and 1859. All data obtained from Dee Ann Buck's transcription of the Death Registry (Buck 1996). Page numbers refer to pages in Buck's transcription.

Status	Name	Year	Month	Cause	Age	Occupation	Page
Enslaved	Adam	1854	January	Not Recorded	29	Enslaved	41
Enslaved	Anthony	1854	May	Not Recorded	75	Laborer	31
Enslaved	Bill Conrad	1858	January	Bone Fracture	60	Enslaved	47
Enslaved	Charles	1858	August	Not Recorded	38	Enslaved	43
Enslaved	Daniel	1855	February	Pneumonia	70	Enslaved	43
Enslaved	Daniel	1853	November	Flux	25	Enslaved	29
Enslaved	Daniel	1855	November	Not Recorded	21	Enslaved	28
Enslaved	David	1859	August	Not Recorded	70	Enslaved	40
Enslaved	David	1855	April	Not Recorded	40	Enslaved	25
Enslaved	Dick	1855	June	Accidently Shot	26	Blacksmith	40
Enslaved	Elias	1859	December	Not Recorded	21	Enslaved	22
Enslaved	Ellick	1856	June	Not Recorded	70	Enslaved	39
Enslaved	George	1857	February	Typhoid Fever	25	Enslaved	9
Enslaved	George	1854	January	Typhoid Fever	21	Enslaved	54
Enslaved	George	1859	October	Not Recorded	20	Enslaved	38
Enslaved	George	1853	December	Typhoid Fever	19	Laborer	54
Enslaved	Hal	1855	December	Not Recorded	19	Enslaved	18
Enslaved	Henry	1856	December	Not Recorded	50	Enslaved	4
Enslaved	Henry	1860	August	Typhoid Fever	16	Enslaved	40
Enslaved	Jack	1856	December	Typhoid Fever	22	Enslaved	18
Enslaved	James	1857	July	Not Recorded	50	Laborer	23
Enslaved	James	1856	September	Dropsy	40	Laborer	23
Enslaved	John	1854	August	Typhoid Fever	40	Enslaved	14
Enslaved	John	1859	December	Not Recorded	35	Enslaved	34
Enslaved	John	1860	December	Not Recorded	25	Enslaved	34
Enslaved	John	1859	September	Flux	24	Enslaved	17
Enslaved	John	1854	April	Typhoid Fever	21	Laborer	10
Enslaved	John	1853	May	Drowned	20	Laborer	49
Enslaved	Levi	1858	March	Stabbing	25	Enslaved	6
Enslaved	Lewis	1860	October	Dropsy	55	Enslaved	40
Enslaved	M.M.	1854	July	Typhoid Fever	32	Laborer	40
Enslaved	Mason	1855	April	Not Recorded	21	Enslaved	18
Enslaved	Nelson	1853	June	Fall from the House	28	Laborer	28
Enslaved	Nimrod	1859	May	Inflammation	30	Enslaved	10
Enslaved	Peter	1856	November	Typhoid Fever	63	Enslaved	2

Status	Name	Year	Month	Cause	Age	Occupation	Page
Enslaved	Phill	1860	September	Not Recorded	70	Enslaved	48
Enslaved	Reuben	1855	September	Not Recorded	56	Enslaved	13
Enslaved	Sam	1853	October	Pneumonia	60	Laborer	15
Enslaved	Simon	1854	February	Typhoid Fever	35	Laborer	18
Enslaved	Thomas	1860	December	Not Recorded	84	Enslaved	54
Enslaved	Tom	1857	October	Not Recorded	40	Enslaved	53
Enslaved	Turner	1855	March	Typhoid Fever	28	Enslaved	49
Enslaved	Turner	1856	May	Typhoid Fever	40	Laborer	17
Enslaved	Viney	1853	December	Typhoid Fever	30	Enslaved	15
Enslaved	William	1859	October	Flux	65	Enslaved	43
White	Andrews, William	1855	September	Consumption	65	Farmer	1
White	Bell, George	1854	July	Quinsy	30	Farmer	3
White	Blackwood, Levi	1859	November	Pneumonia	66	Farmer	4
White	Buck, John	1854	April	Typhoid Fever	33	Merchant	8
White	Carson, John	1855	March	Appendicitis	64	Farmer	8
White	Castleman, Richard	1858	May	Cause Not Given	45	Laborer	9
White	Catlett, William	1855	September	Consumption	75	Farmer	9
White	Cave, Samuel	1859	June	Pneumonia	69	Farmer	9
White	Conner, Thomas	1856	October	Cause Not Given	83	Farmer	10
White	Corley, Samuel	1857	January	Cancer	75	Farmer	12
White	Devaughn, Willoughby	1856	November	Cause Not Given	40	Laborer	13
White	Forsythe, William	1855	March	Consumption	65	Cooper	16
White	Gore, Joshua	1856	November	Typhoid Fever	30	Blacksmith	20
White	Holmes, James Oscar	1857	May	Typhoid Fever	21	Cooper	25
White	Jennings, William Larkin	1858	October	Typhoid Fever	21	Farmer	27
White	Keeler, David	1856	July	Cause Not Given	75	Tanner	27
White	Lawrence, James Morehead	1858	February	Stabbing	44	Farmer	29
White	Lawson, Jackson	1853	August	Typhoid Fever	27	Mason	29
White	Legg, Willis	1855	April	Cause Not Given	80	Farmer	30
White	Lewin, William	1859	August	Cause Not Given	75	Farmer	30
White	Lockhart, John	1853		Unknown	88	Farmer	30
White	Loveless, Cyrus	1857	February	Typhoid Fever	17	Farmer	31
White	Martin, William	1853	September	Cause Not Given	89	Farmer	32
White	Mathis, Abraham K.	1857	June	Cause Not Given	72	Farmer	33
White	Merchant, Burwell	1859	February	Pneumonia	30	Farmer	35
White	Miller, Jacob	1855	September	Typhoid Fever	21	Laborer	35
White	Miller, Jacob S.	1855	December	Typhoid Fever	34	Carpenter	35
White	Nichols, William	1856	November	Killed on Railroad Bridge		Railroad Worker	37
White	Parson, Warren	1853	August	Sudden Death	25	Laborer	38

Status	Name	Year	Month	Cause	Age	Occupation	Page
White	Pomeroy, Alexander	1858	August	Paralysis	65	Farmer	39
White	Rastus, John	1856	November	Killed on Railroad Bridge		Railroad Worker	40
White	Richardson, William	1859	September	Flux	62	Farmer	41
White	Rutter, Joseph	1856	October	Cause Not Given	42	Laborer	44
White	Scroggin, Elijah	1857	May	Suicide	15	Laborer	44
White	Silbert, John	1855	March	Typhoid Fever	34	Farmer	45
White	Smith, J. Washington	1856	September	Stomach Affliction	65	Teacher	46
White	Supinger, Michael	1853	November	Consumption	73	Carpenter	48
White	Trout, Jacob	1853	May	Consumption	60	Mechanic	50
White	Tyler, George G.	1856	October	Cause Not Given	65	Farmer	51
White	Vermillion, Bazzle	1853	January	Fall from a Tree	31	Farmer	51
White	Weekley, Thomas	1853	November	Cause Not Given	75	Teacher	52
White	Welsh, Michael	1857	October	Typhoid Fever	40	Laborer	53
White	White, William	1854	April	Influenza	77	Farmer	53
White	Woodrow, James William	1855	September	Typhoid	28	Farmer	54

Appendix C: Supplementary Data for Chapter 4

Table 1. Isaac Hite Land Transfers

The following are all entries for Isaac Hite (or his estate) buying, selling, or exchanging agricultural land in Frederick County, as recorded in Dee Ann Buck's seven-volume set of transcribed entries from the Frederick County Deed Books (Buck 2007a; 2007b; 2007c; 2007d; 2008; 2009; 2010). While Hite also bought and sold lots in Valley towns, and sold land in Adams County, Ohio, these were not included in this list as these acquisitions were unlikely to affect the people Hite enslaved. Several purchases or sales referenced in the following entries are not found in Buck's transcriptions, and as such, this is not to be considered a definitive list of all the Frederick County land deals Hite was involved in, but a sample which shows some of the general trends in his land acquisitions. In an attempt to gain a larger sample size, transactions recorded by Blosser (n.d) were also included (this includes transfers detailed in the wills of Isaac Hite Sr. and Jr.). Deed books from Shenandoah County have not yet been consulted, and as Hite held land in this county as well, these books may provide additional details on Isaac Hite's land transactions.

Year	Grantor	Grantee	Cost	Acres Gained	Acres Lost	Location	Source
1783	Hite, Isaac Sr.	Hite, Isaac Jr.	5 shillings	483		Belle Grove	(Buck 2007a, 139)
1794	Brown, Hugh	Hite, Isaac Jr.	£1,000	400		Buffalo Marsh	(Buck 2007b, 21)
1794	Hite, Isaac Sr.	Hite, Isaac Jr.	Inheritance	4.75		Belle Grove	(Blosser n.d, 27)
1794	Hite, Isaac Sr.	Hite, Isaac Jr.	Inheritance	1,528		Long Meadow	(Blosser n.d, 27)
1794	Hite, Isaac Sr.	Hite, Isaac Jr.	Inheritance	180		South River, Shenandoah Cty.	(Blosser n.d, 28)
1799	Waton, Josiah	Hite, Isaac Jr.	$6,000	595		Rockville	(Blosser n.d, 37)
1799	Snider, Daniel	Hite, Isaac Jr.	$1,333.34	208		Cedar Creek	(Blosser n.d, 39)
1801	Snider, Daniel	Hite, Isaac Jr.	£400	14		Cedar Creek	(Buck 2007c, 250)
1803	Goodekoontz, Jacob	Hite, Isaac Jr.	$2,635	298			(Buck 2008, 103)
1805	Hoge, Moses	Hite, Isaac Jr.	$3,333.33	207		Cedar Creek	(Buck 2007c, 120)
1805	Laney, John	Hite, Isaac Jr.	$1,000	129		Crooked Run	(Buck 2007c, 141)
1805	Taylor, James Taylor, Jesse	Hite, Isaac Jr.	1,091 Acres in Ohio	476		Guilford	(Blosser n.d, 42)
1806	Bowman, Isaac	Hite, Isaac Jr.	Exchange	161	22	Long Meadow	(Buck 2007c, 39)
1806	Booth, Rebecca?	Hite, Isaac Jr.	Not recorded				(Buck 2007c, 118)
1806	Taylor, Jesse	Hite, Isaac Jr.	$1,500	205		Guilford	(Buck 2007c, 266)
1806	Taylor, William	Hite, Isaac Jr.	£100	272		Guilford	(Buck 2007c, 268)
1806	Weaver, Jacob	Hite, Isaac Jr.	£480	269		Long Meadow	(Buck 2007c, 287)
1810	Davis, Stephen	Hite, Isaac Jr.	$1	79		Guilford	(Buck 2007c, 69)
1810	Goodekoontz, George	Hite, Isaac Jr.	$2,000	100		Belle Grove	(Buck 2007c, 96)
1810	Goodekoontz, George	Hite, Isaac Jr.	$2,000	115			(Buck 2007c, 96)
1811	Cartmell, Nancy	Hite, Isaac Jr.	$11,973.50	477.5		Rockville	(Buck 2007c, 51)

Year	Grantor	Grantee	Cost	Acres Gained	Acres Lost	Location	Deed Book
1811	Mauck, Daniel	Hite, Isaac Jr.	Not Given	320			(Buck 2007c, 171)
1811	Mauck, George	Hite, Isaac Jr.	$95	3.4			(Buck 2007c, 172)
1812	Everly, Jeremiah	Hite, Isaac Jr.	$600	320		Cedar Creek	(Buck 2007c, 84)
1814	Hite, Isaac, Jr.	Bladwin, Cornelius	$1		477.5	Long Meadow or Belle Grove	(Buck 2007d, 118)
1816	Hite, Isaac, Jr.	Rogers, Samuel	$10		6.25		(Buck 2007d, 118)
1818	Hite, Isaac, Jr.	Tilden, John	£310.5		103.5	Opeckon Creek	(Buck 2007d, 118)
1818	Niswander, Abraham	Hite, Isaac Jr.	$68.75	1.25		Buffalo Marsh	(Buck 2007d, 186)
1823	Hite, Isaac Jr.	Hite, James	$1		1,104	Guilford	(Buck 2008, 130)
1830	Hite, Isaac Jr.	Long, Reuben	$1		7.25	Belle Grove	(Buck 2009, 126)
1831	Hite, Isaac Jr.	Stickley, David	$50		7	Long Meadow	(Buck 2009, 127)
1831	Hite, Isaac Jr.	Mahaney, Joseph	$1		30.75	Cedar Creek	(Buck 2009, 127)
1833	Hite, Isaac Jr.	Hay, John			71	Hay's Farm	(Buck 2009, 127)
1833	Mowry, Frederick	Hite, Isaac Jr.	Exchange	10.5	11.5		(Buck 2009, 204)
1836	Hite, Isaac Jr.	Hite, Isaac F.	Inheritance		850	Rockville	(Blosser n.d, 77–78)
1836	Hite, Isaac Jr.	Hite, Walker	Inheritance		850	Rockville	(Blosser n.d, 77–78)
1836	Hite, Isaac Jr.	Hite, Hugh	Inheritance			Belle Grove	(Blosser n.d, 78)
1836	Hite, Isaac Jr.	Hite, Hugh	Inheritance		124	Shenandoah Cty.	(Blosser n.d, 78)
1836	Hite, Isaac Jr.	Hite, Cornelius	Inheritance			Belle Grove and Long Meadow	(Blosser n.d, 78)
1836	Hite, Isaac Jr.	Hite, Ann	Inheritance		560	Shenandoah Cty.	(Blosser n.d, 79)
1836	Hite, Isaac Jr.	Hite, Nelly	Inheritance		15	Belle Grove	(Blosser n.d, 79)
1836	Hite, Isaac Jr.	Baldwin, Cornelius	Exchange	8	8	Long Meadow	(Blosser n.d, 80)
1836	Hite, Isaac Jr.	Hite, Mary	Inheritance			Long Meadow	(Blosser n.d, 82)
1836	Hite, Isaac Jr.	Hite, Rebecca	Inheritance			Long Meadow	(Blosser n.d, 82)
1836	Hite, Isaac Jr.	Hite, Sarah	Inheritance			Long Meadow	(Blosser n.d, 82)
1836	Hite, Isaac Jr.	Hite, Betsey	Inheritance			Long Meadow	(Blosser n.d, 82)
1836	Hite, Isaac Jr.	Hite, Matilda	Inheritance			Long Meadow	(Blosser n.d, 82)
1841	Hite, Isaac Jr., (Ann Hite), James Turner, and Addison Turner	Turner, Robert	$500		200	Cedar Creek	(Buck 2010, 121)
1841	Hite, Isaac Jr. (Ann Hite)	Mahaney, Joseph	Exchange	40	32	Belle Grove	(Buck 2010, 121)

Table 2. Artifact Categories from Quarter Site B Excavations, 2015-2019

This table provide s a breakdown of the artifacts from Quarter Site B by type. ACC# is the artifact catalog code number, an internal numbering system used in the project database.

ACC#	Category	Group	Type	Specifics	Count
1045	Architecture	Building Part	Construction Debris	Limestone Spall	39
731	Architecture	Building Part	Door	Door Hardware, hasp	1
381	Architecture	Building Part	Door	Door Hardware, hinges	5
379	Architecture	Building Part	Door	Door Hardware, latches	4
382	Architecture	Building Part	Door	Door Hardware, pintle	6
326	Architecture	Building Part	Door	Key	2
726	Architecture	Building Part	Door	Padlock	1
459	Architecture	Building Part	Drain	Drain Pipe	1
434	Architecture	Building Part	Roofing / Siding	Roofing Slate Tile	12
422	Architecture	Building Part	Structural Element	Brick	13225
428	Architecture	Building Part	Structural Element	Mortar	1391
460	Architecture	Building Part	Structural Elements	Daub	6643
575	Architecture	Building Part	Window	Window Glass	2530
766	Architecture	Building Parts	Hearth	Stove Parts	55
617	Architecture	Fastener	Staple	Hand Wrought	7
369	Architecture	Fastener	Staple	Machine Made	1
1109	Architecture	Nail	Hand Wrought	French head, missing tip	11
1107	Architecture	Nail	Hand Wrought	French head, pointed tip	1
1108	Architecture	Nail	Hand Wrought	French head, spatula tip	23
400	Architecture	Nail	Hand Wrought	Headless, pointed tip	7
401	Architecture	Nail	Hand Wrought	Headless, spatula tip	13
396	Architecture	Nail	Hand Wrought	L-Head, pointed tip	11
397	Architecture	Nail	Hand Wrought	L-Head, spatula tip	18
398	Architecture	Nail	Hand Wrought	L-Head, tip broken	18
388	Architecture	Nail	Hand Wrought	Rose Head, pointed tip	90
389	Architecture	Nail	Hand Wrought	Rose Head, spatula tip	219
390	Architecture	Nail	Hand Wrought	Rose Head, tip broken	205
404	Architecture	Nail	Hand Wrought	Shank Fragment, pointed tip	120
405	Architecture	Nail	Hand Wrought	Shank Fragment, spatula tip	117
406	Architecture	Nail	Hand Wrought	Shank Fragment, tip broken	35
416	Architecture	Nail	Hand Wrought	Spike	16
392	Architecture	Nail	Hand Wrought	T-Head, pointed tip	56
393	Architecture	Nail	Hand Wrought	T-Head, spatula tip	161
394	Architecture	Nail	Hand Wrought	T-Head, tip broken	146
420	Architecture	Nail	Indeterminate	Spike	1
412	Architecture	Nail	Machine Cut	Fully Machine Cut, headless	23
411	Architecture	Nail	Machine Cut	Fully Machine Cut, L-head	38
1037	Architecture	Nail	Machine Cut	Indeterminate Machine Cut	1439
417	Architecture	Nail	Machine Cut	Machine Cut Spike	10
1025	Architecture	Nail	Machine Cut	Machine Cut, Face Pinched	1830
408	Architecture	Nail	Machine Cut	Machine Cut, Side Pinched	549
407	Architecture	Nail	Machine Cut	With Hand Wrought Head	54

ACC#	Category	Group	Type	Specifics	Count
414	Architecture	Nail	Wire	Wire Nail	8
29	Ceramic	Coarse Earthenware	Buff Bodied-Slipped	Slip Glazed	1
30	Ceramic	Coarse Earthenware	Buff Bodied-Slipped	Slip Glazed, Dots	1
1157	Ceramic	Coarse Earthenware	Colonoware	Indeterminate form	1
1154	Ceramic	Coarse Earthenware	Colonoware	Tableware	1
16	Ceramic	Coarse Earthenware	Pink Bodied	Brown Glazed	1
1064	Ceramic	Coarse Earthenware	Red Bodied	Black Exterior Glaze and Dark Brown Black-Speckled Interior Glaze	13
1134	Ceramic	Coarse Earthenware	Red Bodied	Black Exterior Glaze only	1
1058	Ceramic	Coarse Earthenware	Red Bodied	Black glaze, Bumpy Texture	6
1010	Ceramic	Coarse Earthenware	Red Bodied	Black Glaze, Interior and Exterior Glaze	520
1009	Ceramic	Coarse Earthenware	Red Bodied	Black Glaze, Interior Glaze Only	151
1073	Ceramic	Coarse Earthenware	Red Bodied	Black Glaze, Matte Interior and Exterior Glaze	5
1049	Ceramic	Coarse Earthenware	Red Bodied	Black Glaze, Matte Interior Glaze Only	11
1056	Ceramic	Coarse Earthenware	Red Bodied	Black Painted, Clear Glaze, Interior Only	4
1077	Ceramic	Coarse Earthenware	Red Bodied	Black Painted, Red Glaze, Interior Glaze Only	6
1135	Ceramic	Coarse Earthenware	Red Bodied	Brown Exterior Glaze and Clear Interior Glaze	1
1126	Ceramic	Coarse Earthenware	Red Bodied	Brown Exterior Glaze, Mottled Yellow and Brown Interior Glaze	2
1051	Ceramic	Coarse Earthenware	Red Bodied	Brown Glaze (Matte), Black Specked, Glossy Exterior Glaze and Matte Exterior Glaze	3
1014	Ceramic	Coarse Earthenware	Red Bodied	Brown Glaze with Black Specks, Interior and Exterior Glaze	93
1013	Ceramic	Coarse Earthenware	Red Bodied	Brown Glaze with Black Specks, Interior Glaze Only	56
1052	Ceramic	Coarse Earthenware	Red Bodied	Brown Glaze, Glossy Dark Brown Exterior Glaze, and Brown Matte Interior Glaze	10
1016	Ceramic	Coarse Earthenware	Red Bodied	Brown Glaze, Interior and Exterior Glaze	259
1055	Ceramic	Coarse Earthenware	Red Bodied	Brown Glaze, Matte Interior Glaze Only	2
1015	Ceramic	Coarse Earthenware	Red Bodied	Brown Glazed, Interior Glaze Only	210
1138	Ceramic	Coarse Earthenware	Red Bodied	Burned, indeterminate glaze	264
1142	Ceramic	Coarse Earthenware	Red Bodied	Clear Black-Specked Exterior Glaze and Red Interior Glaze	1
1036	Ceramic	Coarse Earthenware	Red Bodied	Clear Glaze, Interior and Exterior Glaze	161
1035	Ceramic	Coarse Earthenware	Red Bodied	Clear Glaze, Interior Glaze Only	96
1131	Ceramic	Coarse Earthenware	Red Bodied	Dark Brown Exterior Glaze and Brown Black-Specked Interior Glaze	10
1072	Ceramic	Coarse Earthenware	Red Bodied	Dark Brown Exterior Glaze and Red Matte Interior Glaze	6
1133	Ceramic	Coarse Earthenware	Red Bodied	Dark Brown Exterior Glaze only	1
1081	Ceramic	Coarse Earthenware	Red Bodied	Dark Brown Glaze, , Interior and Exterior Glaze	10
1082	Ceramic	Coarse Earthenware	Red Bodied	Dark Brown Glaze, Interior Glaze Only	1

ACC#	Category	Group	Type	Specifics	Count
1140	Ceramic	Coarse Earthenware	Red Bodied	Green Exterior Glaze, White Matte Substance on Interior	1
1034	Ceramic	Coarse Earthenware	Red Bodied	Green Glaze, Interior and Exterior Glaze	6
1059	Ceramic	Coarse Earthenware	Red Bodied	Green Glaze, Interior and Exterior Glaze	8
13	Ceramic	Coarse Earthenware	Red Bodied	N. Devon Gravel Tempered	2
1020	Ceramic	Coarse Earthenware	Red Bodied	No Glaze Present	672
1080	Ceramic	Coarse Earthenware	Red Bodied	Pale Brown Glaze, Interior Glaze Only	3
1119	Ceramic	Coarse Earthenware	Red Bodied	Pale Green Glaze, Interior and Exterior Glaze	14
1114	Ceramic	Coarse Earthenware	Red Bodied	Pale Green Glaze, Interior Glaze Only	7
1012	Ceramic	Coarse Earthenware	Red Bodied	Red Glaze, Interior and Exterior Glaze	62
1011	Ceramic	Coarse Earthenware	Red Bodied	Red Glaze, Interior Glaze Only	91
1118	Ceramic	Coarse Earthenware	Red Bodied	Slipped Decoration, Tan Glaze, Interior Glaze Only	1
1042	Ceramic	Coarse Earthenware	Red Bodied	Slipware Decorated, Clear Glaze, Interior only	24
1117	Ceramic	Coarse Earthenware	Red Bodied	Tan glaze, Interior and Exterior Glaze	32
1116	Ceramic	Coarse Earthenware	Red Bodied	Tan glaze, Interior Glaze Only	15
1017	Ceramic	Coarse Earthenware	Red Bodied	Unglazed	8
1039	Ceramic	Coarse Earthenware	Red Bodied	Unglazed Exterior, Exfoliated Interior	422
1002	Ceramic	Coarse Earthenware	Red Bodied	Unglazed, Molded Dots	1
1033	Ceramic	Coarse Earthenware	Red Bodied	Yellow Glaze, Interior and Exterior Glaze	1
1063	Ceramic	Coarse Earthenware	Red Bodied	Yellow Glaze, Interior and Exterior Glaze	2
1003	Ceramic	Coarse Earthenware	Red Bodied	Yellow Glaze, Interior Glaze Only	2
8	Ceramic	Coarse Earthenware	Red Bodied-Slipped	Slip Glazed, Marbled	1
1057	Ceramic	Fine Earthenware	Buff Bodied	Indeterminate (no glaze present)	1
1076	Ceramic	Fine Earthenware	Creamware	Annular	20
1046	Ceramic	Fine Earthenware	Creamware	Annular, Banded	3
1060	Ceramic	Fine Earthenware	Creamware	Annular, indeterminate	6
70	Ceramic	Fine Earthenware	Creamware	Annular, Mocha	2
66	Ceramic	Fine Earthenware	Creamware	Black Transfer Print	1
1143	Ceramic	Fine Earthenware	Creamware	Common Creamware, Molded edged motif	3
604	Ceramic	Fine Earthenware	Creamware	Edge Decorated - feather edge	1
60	Ceramic	Fine Earthenware	Creamware	Undecorated	21
61	Ceramic	Fine Earthenware	Creamware	Undecorated, no visible	1
586	Ceramic	Fine Earthenware	Creamware	Undecorated-light color	738
76	Ceramic	Fine Earthenware	Creamware	Underglaze	67

ACC#	Category	Group	Type	Specifics	Count
1127	Ceramic	Fine Earthenware	Indeterminate	Dipt	12
1104	Ceramic	Fine Earthenware	Indeterminate	Edgeware	23
1141	Ceramic	Fine Earthenware	Indeterminate	Hand Painted	7
1145	Ceramic	Fine Earthenware	Indeterminate	Transfer-Printed	14
654	Ceramic	Fine Earthenware	Ironstone	Other	22
125	Ceramic	Fine Earthenware	Jackfield	Jackfield Type	36
1110	Ceramic	Fine Earthenware	Misc.	Annular, indeterminate ware type	5
600	Ceramic	Fine Earthenware	Misc. Fine Earthenware	Astbury	23
131	Ceramic	Fine Earthenware	Misc. Fine Earthenware	Lead Glazed	1
128	Ceramic	Fine Earthenware	Misc. Fine Earthenware	Yellow Glazed	14
85	Ceramic	Fine Earthenware	Pearlware	Annular	125
1043	Ceramic	Fine Earthenware	Pearlware	Annular Ware, Rouletted, Indeterminate	2
86	Ceramic	Fine Earthenware	Pearlware	Annular, banded	1
88	Ceramic	Fine Earthenware	Pearlware	Annular, finger painted	1
598	Ceramic	Fine Earthenware	Pearlware	Annular, marbled	3
87	Ceramic	Fine Earthenware	Pearlware	Annular, mocha	35
860	Ceramic	Fine Earthenware	Pearlware	embossed patterns- feathers	1
852	Ceramic	Fine Earthenware	Pearlware	embossed patterns- Fish Scale and Feather	11
83	Ceramic	Fine Earthenware	Pearlware	Hand-painted Blue	1
585	Ceramic	Fine Earthenware	Pearlware	Hand-painted Polychrome, Bright tones	20
584	Ceramic	Fine Earthenware	Pearlware	Hand-painted Polychrome, Earth tones	135
582	Ceramic	Fine Earthenware	Pearlware	Hand-painted, Blue-Chinese	26
583	Ceramic	Fine Earthenware	Pearlware	Hand-painted, Blue-Floral	78
1050	Ceramic	Fine Earthenware	Pearlware	Hand-painted, Monochrome, Blue, indeterminate motif	204
1053	Ceramic	Fine Earthenware	Pearlware	Hand-painted, Monochrome, Blue, Small floral	13
78	Ceramic	Fine Earthenware	Pearlware	No Visible Decoration	2129
80	Ceramic	Fine Earthenware	Pearlware	Relief Decorated	5
590	Ceramic	Fine Earthenware	Pearlware	Rococo edge-curved or straight	15
1160	Ceramic	Fine Earthenware	Pearlware	Rusticated	1
1158	Ceramic	Fine Earthenware	Pearlware	Scratch Blue	1
81	Ceramic	Fine Earthenware	Pearlware	Shell Edged	178
594	Ceramic	Fine Earthenware	Pearlware	shell edged - embossed patterns	25
591	Ceramic	Fine Earthenware	Pearlware	shell edged - even scallop-curved lines	32

ACC#	Category	Group	Type	Specifics	Count
593	Ceramic	Fine Earthenware	Pearlware	shell edged - even scallop-impressed bud	2
592	Ceramic	Fine Earthenware	Pearlware	shell edged - even scallop-straight lines	67
93	Ceramic	Fine Earthenware	Pearlware	Sponge	6
587	Ceramic	Fine Earthenware	Pearlware	transfer printed - Blue-Chinese Blue Willow	2
588	Ceramic	Fine Earthenware	Pearlware	Transfer prints - Blue-others	185
1162	Ceramic	Fine Earthenware	Refined Redware	Brown exterior, white interior, mold and sprig decorated	6
1161	Ceramic	Fine Earthenware	Refined Redware	Yellow glaze, Transferprinted	1
53	Ceramic	Fine Earthenware	Tin-Glazed Earthenware	Blue Decorated	11
58	Ceramic	Fine Earthenware	Tin-Glazed Earthenware	Glaze chips	1
57	Ceramic	Fine Earthenware	Tin-Glazed Earthenware	Glaze gone	1
51	Ceramic	Fine Earthenware	Tin-Glazed Earthenware	No Visible Decoration	7
133	Ceramic	Fine Earthenware	Unidentified	Burned	597
135	Ceramic	Fine Earthenware	Unidentified	Burned, decorated	6
134	Ceramic	Fine Earthenware	Unidentified	Burned, undecorated	7
136	Ceramic	Fine Earthenware	Unidentified	Glaze Gone	268
122	Ceramic	Fine Earthenware	Whieldon Type	Whieldon Type	8
1061	Ceramic	Fine Earthenware	Whieldon Type	Whieldon Wedgewood, Dot-Diaper-Basket	1
1124	Ceramic	Fine Earthenware	Whiteware	Annular	4
104	Ceramic	Fine Earthenware	Whiteware	Annular, banded	2
105	Ceramic	Fine Earthenware	Whiteware	Annular, mocha	3
108	Ceramic	Fine Earthenware	Whiteware	Edgeware	1
1112	Ceramic	Fine Earthenware	Whiteware	Hand painted monochrome geometric motif	5
102	Ceramic	Fine Earthenware	Whiteware	Hand-painted Monochrome	2
103	Ceramic	Fine Earthenware	Whiteware	Hand-painted Polychrome	21
1071	Ceramic	Fine Earthenware	Whiteware	Hand-painted, indeterminate motif	1
116	Ceramic	Fine Earthenware	Whiteware	Misc.	1
96	Ceramic	Fine Earthenware	Whiteware	No Visible Decoration	929
98	Ceramic	Fine Earthenware	Whiteware	Relief Decorated	6
99	Ceramic	Fine Earthenware	Whiteware	Shell Edged	35
1147	Ceramic	Fine Earthenware	Whiteware	Shell Edged. Scalloped, unmolded	1
109	Ceramic	Fine Earthenware	Whiteware	Sponge	32
111	Ceramic	Fine Earthenware	Whiteware	Stick Spatter	1
100	Ceramic	Fine Earthenware	Whiteware	Transfer Printed	317

ACC#	Category	Group	Type	Specifics	Count
595	Ceramic	Fine Earthenware	Whiteware	Unscalloped-impressed patterns	2
596	Ceramic	Fine Earthenware	Whiteware	Unscalloped-unmolded	3
119	Ceramic	Fine Earthenware	Yellowware	Annular, banded	3
118	Ceramic	Fine Earthenware	Yellowware	Relief Decorated	4
117	Ceramic	Fine Earthenware	Yellowware	Undecorated	85
181	Ceramic	Porcelain	Chinese Export	Blue Underglazed	8
694	Ceramic	Porcelain	Chinese Export	Blue Underglazed-Nanking	1
183	Ceramic	Porcelain	Chinese Export	Overglazed	2
178	Ceramic	Porcelain	Chinese Export	Undecorated	1
179	Ceramic	Porcelain	Chinese Export	Undecorated-no visible	33
1152	Ceramic	Porcelain	English	Banded	1
1146	Ceramic	Porcelain	English	English Porcelain, relief molded	5
1121	Ceramic	Porcelain	English	Transfer Printed	13
194	Ceramic	Porcelain	English Soft Paste	Blue Underglazed	1
195	Ceramic	Porcelain	English Soft Paste	Overglazed	25
192	Ceramic	Porcelain	English Soft Paste	Undecorated	113
190	Ceramic	Porcelain	Other Hard Paste	Other	10
704	Ceramic	Stoneware	Albany Slip	Albany slip	1
1079	Ceramic	Stoneware	Alkaline Glazed	Alkaline Exterior Glaze exterior, Green Lead (?) Glaze Interior	1
1026	Ceramic	Stoneware	Alkaline Glazed	Grey Body, Incised	3
1027	Ceramic	Stoneware	Alkaline Glazed	Grey Body, Undecorated	7
1023	Ceramic	Stoneware	Alkaline Glazed	Red Bodied, Undecorated	1
173	Ceramic	Stoneware	Dry Bodied	Black Molded	6
175	Ceramic	Stoneware	Dry Bodied	Red Molded	3
155	Ceramic	Stoneware	Salt Glazed	brown	27
1111	Ceramic	Stoneware	Salt Glazed	Brown exterior, tan interior	1
1047	Ceramic	Stoneware	Salt Glazed	Brown Paste, Grey Glaze	34
162	Ceramic	Stoneware	Salt Glazed	Buff Body	20
1075	Ceramic	Stoneware	Salt Glazed	Buff body, Grey Glaze	34
1113	Ceramic	Stoneware	Salt Glazed	Buff Paste, Brown Glaze	13
1048	Ceramic	Stoneware	Salt Glazed	Buff Paste, Spotted Black Exterior	50
1115	Ceramic	Stoneware	Salt Glazed	Cobalt Blue Painted, Brown Paste, Grey Glaze	1
1078	Ceramic	Stoneware	Salt Glazed	Cobalt Blue Painted, Buff body, Grey Glaze	4
156	Ceramic	Stoneware	Salt Glazed	gray	216
157	Ceramic	Stoneware	Salt Glazed	gray w/ cobalt blue	19
1130	Ceramic	Stoneware	Salt Glazed	Grey Paste with Brown Glaze	17
161	Ceramic	Stoneware	Salt Glazed	other	1
1005	Ceramic	Stoneware	Salt Glazed	Red Bodied, Grey Glaze	4
147	Ceramic	Stoneware	Salt Glazed	scratch blue	1
151	Ceramic	Stoneware	Salt Glazed-Rhenish	w/ cobalt blue & purple manganese	1

ACC#	Category	Group	Type	Specifics	Count
168	Ceramic	Stoneware	Slip-Glazed	Nottingham Type	2
177	Ceramic	Stoneware	Unidentifiable		1
139	Ceramic	Stoneware	White Salt Glaze Stoneware	undecorated	2
230	Household Item	Furniture	Furniture Hardware	Other	1
226	Household Item	Furniture	Furniture Hardware	Tacks	7
1006	Household Item	Lighting	Chandelier	Chandelier Crystal	1
233	Household Item	Lighting	Lamp	Lamp Chimney (Glass)	62
643	Household Item	Lighting	Lantern	Lantern Glass	163
208	Household Item	Table Setting	Glass Tableware	Stemware	6
206	Household Item	Table Setting	Glass Tableware	Tumbler	7
615	Household Item	Table Setting	Glass Tableware	Unidentifiable Glass Tableware	311
218	Household Item	Table Setting	Utensil	Fork	4
220	Household Item	Table Setting	Utensil	Handles, bone	5
221	Household Item	Table Setting	Utensil	Handles, metal	1
219	Household Item	Table Setting	Utensil	Spoon	2
1038	Military Hardware	Clothing	Fastener	Belt Adjuster	1
534	Misc.	Glass	Indeterminate	Burned Glass	101
209	Misc.	Glass	Unidentifiable Glass		1
1123	Misc.	Insect	Wasp Nest		73
538	Misc.	Metal	Copper Alloy	Diagnostic Shape, Function Unknown	9
1067	Misc.	Metal	Copper Alloy	Flat Copper Strips	325
540	Misc.	Metal	Copper Alloy	Unidentifiable Copper Alloy Fragment	9
536	Misc.	Metal	Iron	Diagnostic Shape, Function Unknown	154
537	Misc.	Metal	Iron	Flat Iron Fragment	3247
768	Misc.	Metal	Iron	Indeterminate Cast Iron Fragment	117
1128	Misc.	Metal	Iron	Iron Mesh	25
1044	Misc.	Metal	Iron	Strap Iron	42
539	Misc.	Metal	Iron	Unidentifiable Iron Fragment	63
362	Misc.	Metal	Iron	Wire	4
631	Misc.	Metal	Lead	Melted Lead Blob	15
1054	Misc.	Mineral	Quartz	Quartz Crystal	50
1068	Misc.	Mineral	Quartz	Quartz Fragment	11
531	Misc.	Mineral	Unknown		25
8012	Native American	Ceramics	Native Ceramic	Indeterminate	2
8009	Native American	Cooking	Fire Cracked Rock		12
8000	Native American	Debitage	Core	Core	1
8011	Native American	Debitage	Core	Tested Cobble	1
8004	Native American	Debitage	Flake	Finishing / Retouching Flake	15
8001	Native American	Debitage	Flake	Primary Flake	3
8002	Native American	Debitage	Flake	Secondary Flake	59

ACC#	Category	Group	Type	Specifics	Count
8005	Native American	Debitage	Flake	Shatter	14
8003	Native American	Debitage	Flake	Thinning Flake	45
8008	Native American	Debitage	Ground Stone	Ind. Ground Stone	10
8006	Native American	Tool	Chipped Stone	Biface (Indeterminate)	3
8012	Native American	Tool	Chipped Stone	Projectile Point	2
8010	Native American	Tool	Chipped Stone	Scrapper	2
8007	Native American	Tool	Ground Stone	Celt	3
1148	Personal Item	Adornment	Bead	Bone Bead	1
303	Personal Item	Adornment	Bead	Glass Bead Drawn - Faceted	2
307	Personal Item	Adornment	Bead	Glass Bead Molded - Faceted	1
306	Personal Item	Adornment	Bead	Glass Bead Wound - Smooth	2
1132	Personal Item	Adornment	Fan	Fan Blade	1
309	Personal Item	Adornment	Jewelry		1
1062	Personal Item	Adornment	Parasol	Parasol Part	2
1144	Personal Item	Clothing	Shoe	Shoe Nail	1
1129	Personal Item	Clothing Fastener	Button	Button, 1 Hole	3
282	Personal Item	Clothing Fastener	Button	Button, 3 Hole	1
283	Personal Item	Clothing Fastener	Button	Button, 4 Hole	8
1120	Personal Item	Clothing Fastener	Button	Button, 5 Hole	9
628	Personal Item	Clothing Fastener	Button	Button, Crown	2
280	Personal Item	Clothing Fastener	Button	Button, Indeterminate	5
630	Personal Item	Clothing Fastener	Button	Button, Shank Molded	21
629	Personal Item	Clothing Fastener	Button	Button, Shank Soldered	16
1159	Personal Item	Clothing Fastener	Button	No Hole, Shank Not Molded/Soldered	1
290	Personal Item	Clothing Fastener	Other Fastener	Clothing Buckle	7
291	Personal Item	Clothing Fastener	Other Fastener	Grommets	1
292	Personal Item	Clothing Fastener	Other Fastener	Hook & Eye	4
1149	Personal Item	Grooming	Comb		3
203	Personal Item	Medicinal	Pharmaceutical Bottle		267
317	Personal Item	Money	Coin		1
253	Personal Item	Pipe	Buff Clay	Bowls, decorated	1
242	Personal Item	Pipe	White Clay (Kaolin)	Bowls, decorated	22
241	Personal Item	Pipe	White Clay (Kaolin)	Bowls, undecorated	24
244	Personal Item	Pipe	White Clay (Kaolin)	Stems, decorated	3
243	Personal Item	Pipe	White Clay (Kaolin)	Stems, undecorated	45
318	Personal Item	Toy	Marble		4
327	Personal Item	Writing	Slate Pencil		5

ACC#	Category	Group	Type	Specifics	Count
328	Personal Item	Writing	Writing Slate		1
213	Subsistence	Cooking	Cooking Vessel	Kettle	15
501	Subsistence	Food	Faunal Remains	Bone	8345
518	Subsistence	Food	Faunal Remains	Clam Shell	9
507	Subsistence	Food	Faunal Remains	Egg Shell (Bird)	407
517	Subsistence	Food	Faunal Remains	Oyster Shell	1136
1074	Subsistence	Food	Faunal Remains	Oyster Shell (Mother of Pearl)	3
202	Subsistence	Storage	Bottle	Case	386
480	Subsistence	Storage	Bottle	Crown Bottle Cap	2
204	Subsistence	Storage	Bottle	Other	426
201	Subsistence	Storage	Bottle	Wine	207
472	Subsistence	Storage	Tin Can		1
524	Transportation	Automotive	Automobile	Automobile Part	2
886	Transportation	Equestrian	Wagon / Cart	Pin	1
1137	Transportation	Misc.	Cotter Pin		1
352	Weapon	Civilian or Military	Ammunition	Bullet (Cartridge)	1
336	Weapon	Civilian or Military	Ammunition	Lead Shot	4
342	Weapon	Civilian or Military	Gun Flint		18
645	Weapon	Military Arm	Ammunition	Gardiner Bullet	1
686	Weapon	Military Arm	Ammunition	Percussion Cap	3
644	Weapon	Military Arm	Ammunition	Three-Ring Conical Bullet	7
363	Work Tool	Agriculture	Chain	Hand Wrought Chain	6
1069	Work Tool	Agriculture	Fencing Wire	Barb Wire - Braided	40
1019	Work Tool	Agriculture	Fencing Wire	Barb Wire - General	75
1070	Work Tool	Agriculture	Fencing Wire	Bard Wire - Thick wire	52
1018	Work Tool	Agriculture	Fencing Wire	Fencing / Baling Wire	488
618	Work Tool	Agriculture	Fencing Wire	Wire Fencing Staple	23
1092	Work Tool	Agriculture	Hand Tool	Iron Collar	1
487	Work Tool	Agriculture	Horse Equipment	Buckle	7
616	Work Tool	Agriculture	Horse Equipment	Buckle (roller)	1
481	Work Tool	Agriculture	Horse Equipment	Harness	2
484	Work Tool	Agriculture	Horse Equipment	Harness, ring	2
489	Work Tool	Agriculture	Horse Equipment	Horseshoe	15
491	Work Tool	Agriculture	Horse Equipment	Horseshoe nail	220
720	Work Tool	Agriculture	Horse Equipment	Stirrup	1
527	Work Tool	Blacksmith	Product	Cinder	663
528	Work Tool	Blacksmith	Product	Slag	651
1065	Work Tool	Blacksmith	Product	Unfinished blacksmith tool	1
1150	Work Tool	Blacksmith	Raw Material	Bar Stock	20
769	Work Tool	Blacksmith	Raw Material	Blacksmith Scrap	28
526	Work Tool	Blacksmith	Raw Material	Coal	393

ACC#	Category	Group	Type	Specifics	Count
756	Work Tool	Blacksmith	Raw Material	Nail Stock	1
748	Work Tool	Carpentry	Chisel		1
724	Work Tool	Carpentry	Wedge		2
749	Work Tool	General	File	File	1
734	Work Tool	General	Hand Tool	Indeterminate Hand Tool	1
1122	Work Tool	General	Knife	Ind. Knife Blade	6
335	Work Tool	General	Knife	Pocket Knife	4
1139	Work Tool	General	Knife	Straight Knife	1
358	Work Tool	Hardware	Bolt		11
735	Work Tool	Hardware	Iron Plate		3
1096	Work Tool	Hardware	Nut	Ram's Head Nut	1
623	Work Tool	Hardware	Nut	Square Nut	5
625	Work Tool	Hardware	Nut	Unidentifiable Nut	1
421	Work Tool	Hardware	Rivet		3
620	Work Tool	Hardware	Screw	Flat Tip Screw	1
619	Work Tool	Hardware	Screw	Point Tip Screw	1
621	Work Tool	Hardware	Screw	Screw, Tip Broken	7
360	Work Tool	Hardware	Washer		1
1106	Work Tool	Sewing	Straight Pin	head missing	14
299	Work Tool	Sewing	Straight Pin	stamped	21
298	Work Tool	Sewing	Straight Pin	wound head	39

Appendix D: Supplementary Data for Chapter 5

Table 1: Transcribed tasks from Francis Jones journal

This table contains all the tasks transcribed from the Francis Jones Journal (1860), which was used to establish the annual cycle for enslaved farmers in the Valley.

Year	Month	Day	Transcribed Task
1850	April	6	Illegible Straw
1850	April	6	Sawing Timber
1850	April	8	Repairing Building
1850	April	8	Plowing
1850	April	9	Burning Brush
1850	April	9	Plowing
1850	April	10	Splitting Illegible
1850	April	10	Hauling Rails
1850	April	10	Plowing
1850	April	11	Hauling Rails
1850	April	11	Mending Fence
1850	April	12	Plowing
1850	April	13	Plowing
1850	April	15	Plowing
1850	April	16	Plowing
1850	April	17	Plowing
1850	April	18	Grubbing
1850	April	18	Plowing
1850	April	19	Hauling Straw
1850	April	19	Grubbing
1850	April	19	Plowing
1850	April		Planting Illegible
1850	April		Sowing Plaster
1850	August	1	Illegible Wheat
1850	August	6	Grubbing
1850	August	7	Chopping Briars
1850	August	8	Grubbing
1850	August	8	Chopping Briars
1850	August	9	Grubbing
1850	August	10	Chopping Briars
1850	August	12	Grubbing
1850	August	12	Chopping Briars
1850	August	13	Illegible Rails
1850	August	13	Grubbing
1850	August	13	Chopping Wood

Year	Month	Day	Transcribed Task
1850	August	13	Hauling Corn
1850	August	20	Grubbing
1850	August	20	Harrowing
1850	December	7	Working in Shop
1850	December	12	Hauling Illegible
1850	December	12	Pulling Off Corn
1850	December	13	Digging
1850	December	13	Grading
1850	February	19	Plowing
1850	February	20	Plowing
1850	February	21	Plowing
1850	February	22	Plowing
1850	February	23	Ditching
1850	February	23	Plowing
1850	February		Cutting Stakes
1850	February		Digging Thistle
1850	February		Ditching
1850	February		Digging Onions
1850	February		Hauling Manure
1850	February		Hauling Rails
1850	February		Plowing
1850	January	1	Repairing Building
1850	January	1	Repairing Old House
1850	January	1	Repairing Stables
1850	January	1	Chopping Wood
1850	January	1	Hauling Wood
1850	March	3	Sowing Clover
1850	March	3	Plowing
1850	March	4	Sowing Clover
1850	March	15	Sowing Clover
1850	March	18	Planting Illegible
1850	March	19	Hauling Manure
1850	March	19	Planting
1850	March	21	Sowing Clover
1850	March	21	Sowing Oats
1850	March	21	Sowing Plaster
1850	March	22	Illegible Clover
1850	March	22	Illegible Oats
1850	March	22	Plowing
1850	March	23	Splitting Illegible
1850	March	26	Repairing Building
1850	March	26	Hauling Rails

Year	Month	Day	Transcribed Task
1850	March	27	Hauling Manure
1850	March	27	Making Stakes
1850	March	28	Hauling Stakes
1850	March	28	Mending Fence
1850	March	30	Sowing Oats
1850	November	4	Illegible Wheat
1850	November	4	Plowing Corn
1850	November	8	Plowing
1850	November	9	Hauling Corn
1850	November	9	Pulling Off Corn
1850	November	13	Pulling Off Corn
1850	November	14	Illegible Horses
1850	November	14	Hauling Fodder
1850	November	15	Hauling Corn
1850	November	15	Hauling Corn
1850	November	15	Plowing
1850	November	26	Hauling Corn
1850	November	26	Plowing
1850	October	2	Cutting Corn
1850	October	8	Sowing Wheat
1850	October	12	Pulling Off Corn
1850	October	12	Sowing Wheat
1850	September	3	Sowing Timothy
1850	September	4	Plowing
1850	September	6	Digging
1850	September	6	Plowing
1850	September	6	Harrowing
1850	September	10	Sowing Wheat
1851	April	5	Illegible Fence
1851	April	13	Illegible Corn
1851	April	14	Illegible Corn
1851	April	15	Illegible Corn
1851	April	25	Illegible Corn
1851	April	28	Planting Corn
1851	April	30	Planting Corn
1851	August	19	Gathering Wheat Hay
1851	February	21	Cutting Illegible
1851	January	17	Digging
1851	January	24	Road Work
1851	January	31	Clearing
1851	March	5	Sowing

Year	Month	Day	Transcribed Task
1851	March	5	Sowing Plaster
1851	March	6	Digging Holes Post
1851	March	17	Splitting Posts
1851	May	7	Feeding Clover to Livestock
1851	May	13	Cutting Clover Hay
1851	May	24	Cutting Illegible
1851	October	14	Sowing Wheat
1851	October	15	Illegible Corn
1851	September	12	Sowing Wheat
1851	September	20	Cutting Corn
1851	September	25	Illegible Corn
1852	April	17	Hauling Wood
1852	April	22	Hauling Wood
1852	April	23	Hauling Wood
1852	April	24	Hauling Wood
1852	August	13	Thrashing Wheat
1852	August	14	Thrashing Wheat
1852	February	17	Hauling Wood
1852	February	17	Clearing Oats
1852	February	18	Hauling Straw
1852	February	18	Hauling Wood
1852	February	28	Grubbing
1852	July	9	Harvesting Wheat
1852	July	12	Plowing Corn
1852	July	15	Hauling Wheat
1852	July	15	Hauling Wheat
1852	July	23	Stacking Straw
1852	July	23	Hauling Wheat
1852	July	23	Plowing Corn
1852	July	26	Fallowing
1852	June	14	Cutting Timothy
1852	June	21	Harvesting Wheat
1852	March	1	Making Rails
1852	March	2	Grubbing
1852	March	2	Hauling Rails
1852	March	3	
1852	March	4	Working in Shop
1852	March	4	Grubbing
1852	March	5	Grubbing
1852	March	5	Sowing Clover

Year	Month	Day	Transcribed Task
1852	March	6	Sowing Clover
1852	March	15	Burning Brush
1852	March	15	Sowing Clover
1852	March	15	Sowing Timothy
1852	March	16	Sowing Clover
1852	March	18	Grubbing
1852	March	18	Hauling Wood
1852	March	19	Burning Brush
1852	March	19	Hauling Wood
1852	March	20	Burning Brush
1852	March	20	Hauling Wood
1852	May	4	Planting Corn
1852	May	25	Harrowing Corn
1852	November	10	Hauling Corn
1852	November	17	Digging Holes Post
1852	September	18	Sowing
1852	September	18	Fallowing
1852	September	18	Harrowing
1852	September	30	Sowing Wheat
1853	January	5	Chopping Wood
1853	July	16	Hauling Wheat
1853	July	16	Fallowing
1853	March	17	Sowing Clover
1854	April	6	Hauling Illegible
1854	April	6	Plowing
1854	April	10	Hauling Rails
1854	April	10	Plowing
1854	April	11	Hauling Illegible
1854	April	11	Plowing
1854	December	22	Hauling Corn
1854	July	8	Harvesting Wheat
1854	July	24	Hauling Wheat
1854	July	25	Fallowing
1854	June	7	Plowing Corn
1854	June	12	Mowing Hay
1854	June	19	Thinning Corn
1854	June	19	Planting Potatoes
1854	June	19	Plowing Corn
1854	June	24	Harvesting Wheat
1854	March	13	Hauling Rails
1854	March	13	Plowing Corn
1854	March	16	Hauling Straw

Year	Month	Day	Transcribed Task
1854	March	16	Sowing Clover
1854	March	16	Plowing
1854	March	24	Hauling Rails
1854	March	24	Sowing Clover
1854	March	29	Hauling Illegible
1854	March	29	Plowing
1854	March	29	Sawing Timber
1854	May	2	Planting Corn
1854	May	3	Planting Corn
1854	May	3	Planting Corn
1854	October	21	Seeding
1854	September	2	Illegible Corn
1855	April	24	Planting Corn
1855	August	20	Plowing
1855	December	4	Chopping Wood
1855	December	4	Hauling Illegible
1855	December	6	Hauling Illegible
1855	December	6	Shelling Corn
1855	December	8	Hauling Corn
1855	December	10	Hauling Illegible
1855	December	11	Shelling Corn
1855	December	12	Shelling Corn
1855	December	13	Shelling Corn
1855	December	14	Hauling Corn
1855	December	21	Hauling Illegible
1855	July	1	Harvesting Rye
1855	July	1	Harvesting Wheat
1855	July	2	Harvesting Rye
1855	July	2	Harvesting Wheat
1855	July	3	Harvesting Rye
1855	July	3	Harvesting Wheat
1855	July	4	Harvesting Rye
1855	July	4	Harvesting Wheat
1855	July	11	Cutting Wheat
1855	July	14	Hauling Wheat
1855	July	16	Hauling Wheat
1855	July	17	Hauling Wheat
1855	July	18	Hauling Wheat
1855	July	19	Cutting Rye
1855	July	20	Cutting Rye
1855	July	21	Cutting Rye
1855	June	11	Pruning Tomatoes

Year	Month	Day	Transcribed Task
1855	June	11	Plowing Corn
1855	June	14	Plowing Corn
1855	June	18	Pulling Off Corn
1855	June	30	Harvesting Rye
1855	June	30	Harvesting Wheat
1855	March	9	Planting Potatoes
1855	March	19	Plowing
1855	March	26	Grubbing
1855	March	26	Planting Carrots
1855	March	26	Planting Onions
1855	March	26	Planting Peas
1855	March	26	Planting Radishes
1855	May	3	Planting Corn
1855	May	4	Planting Illegible
1855	May	4	Planting Corn
1855	May	11	Hauling Rails
1855	May	11	Planting
1855	May	29	Planting Pumpkins
1855	May	29	Thrashing Corn
1855	November	1	Digging Patches
1855	November	2	Digging Patches
1855	November	10	Seeding Rye
1855	November	13	Housing Corn
1855	November	13	Putting Away Cabbage
1855	November	13	Putting Away Potatoes
1855	November	14	Housing Corn
1855	November	14	Hauling Corn
1855	November	23	Slaughtering Hogs
1855	November	23	Chopping Wood
1855	November	24	Salting Hogs
1855	November	24	Chopping Wood
1855	October	5	Cutting Corn
1855	October	24	Seeding Rye
1855	October	31	Digging Patches
1855	September	22	Cutting Corn
1855	September	24	Plowing
1855	September	28	Illegible Corn
1855	September	28	Cutting Corn
1855	September	28	Seeding Rye
1855	September	28	Plowing

Year	Month	Day	Transcribed Task
1856	April	1	Sowing Clover
1856	April	9	Sowing Clover
1856	April	15	Hauling Illegible
1856	April	15	Plowing
1856	December	1	Rendering Lard
1856	December	1	Shucking Corn
1856	December	2	Working Ice
1856	December	2	Digging Turnips
1856	December	2	Digging Vegetables
1856	December	2	Shucking Corn
1856	December	17	Chopping Wood
1856	December	17	Hauling Rails
1856	December	17	Mending Fence
1856	December	18	Hauling Wood
1856	December	30	Shucking Corn
1856	February	18	Hauling Corn
1856	January	2	Hauling Rails
1856	January	5	Shoveling
1856	January	5	Hauling Ice
1856	January	12	Hauling Illegible
1856	July	23	Hauling Wheat
1856	July	23	Plowing Corn
1856	November	5	Shucking Corn
1856	November	19	Hauling Illegible
1856	November	24	Hauling Corn
1856	October	9	Sowing Illegible
1856	October	27	Slaughtering Hogs
1856	October	27	Hauling Manure
1857	April	1	Hauling Manure
1857	April	1	Seeding Clover
1857	April	1	Plowing
1857	August	29	Hauling Lime
1857	August	29	Plowing
1857	December	7	Hauling Corn
1857	December	7	Hauling Wood
1857	December	29	Hauling Manure
1857	December	29	Sowing Timothy
1857	February	17	Seeding Clover
1857	January	1	Shucking Corn
1857	January	2	Shucking Corn
1857	January	3	Shucking Corn

Year	Month	Day	Transcribed Task
1857	January	4	Shucking Corn
1857	January	11	Making Rails
1857	January	12	Making Rails
1857	June	4	Planting Corn
1857	June	23	Thinning Corn
1857	March	28	Sowing Oats
1857	March	30	Seeding Clover
1857	March	30	Plowing Corn
1857	May	1	Plowing
1857	May	6	Shearing Sheep
1857	May	7	Shearing Sheep
1857	May	16	Planting Corn
1857	October	12	Seeding Wheat
1858	April	8	Plowing
1858	April	19	Grubbing
1858	April	19	Hauling Rock
1858	August	28	Harvesting
1858	August	28	Plowing
1858	December	15	Planting Corn
1858	February	1	Hauling Fodder
1858	February	16	Hauling Manure
1858	February	18	Hauling Ice
1858	February	19	Hauling Ice
1858	January	30	Hauling Straw
1858	January	30	Plowing
1858	July	1	Cutting Rye
1858	July	14	Harvesting Wheat
1858	March	9	Chopping Wood
1858	March	12	Hauling Rock
1858	March	12	Sowing Clover
1858	March	17	Sowing Clover
1858	March	29	Plowing
1858	May	19	Planting Potatoes
1858	November	16	Slaughtering Hogs
1858	November	18	Salting Hogs
1858	October	16	Seeding Timothy
1858	September	20	Seeding Timothy
1859	April	11	Sowing Plaster
1859	April	12	Plowing
1859	April	12	Sowing Plaster
1859	April	19	Planting Corn
1859	August	6	Digging

Year	Month	Day	Transcribed Task
1859	December	30	Hauling Ice
1859	July	7	Harvesting Wheat
1859	July	23	Cutting Oats
1859	June	11	Plowing Corn
1859	March	8	Sowing
1859	March	11	Planting Trees
1859	March	14	Planting Trees
1859	March	23	Sowing Oats
1859	March	28	Planting Potatoes
1859	March	28	Planting Vegetables
1859	March	28	Plowing
1859	May	6	Planting Corn
1859	November	21	Slaughtering Hogs
1859	November	22	Salting Hogs
1859	October	15	Seeding Timothy
1859	September	2	Plowing
1859	September	9	Seeding Timothy
1859	September	9	Plowing
1859	September	16	Hauling Wheat
1859	September	18	Mending Fence
1859	September	26	Plowing
1860	February	20	Hauling Wood
1860	March	11	Hauling Manure
1860	March	11	Hauling Rock
1860	March	11	Sowing Clover

Table 2: Transcribed entries from Hopewell Mill, 1807-1811

This table contains all the transcribed entries for the sale of corn, oats, rye, wheat, and flour in the Hopewell Mill 1807-1811 ledger (Hopewell Mill 1811). Not all entries contained the amount of grain/flour and the dollar value of the grain/flour. However, when the price per bushel could be reasonably established from the surrounding entries it was included in the Dollar column. The enslaver column is for accounts that could be cross-referenced to 1807, 1809, 1810, and 1811 Jefferson County tax records (Duncan 2003a). Those listed as paying taxes on enslaved men in the year in which the entry was made are listed as enslavers and those not listed as paying taxes on enslaved men are listed as not being enslavers. Accounts with no data in this column could not be cross-referenced to the tax records. This data was used to determine the relative amount of grain/flour sold by enslavers and non-enslavers in 1807-1811.

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Enslaver
1807	1/12	Davenport, Samuel	Sold	Flour	34		170	Yes
1807	1/13	Conkland, Henry	Sold	Corn		1.75	1.185	No
1807	1/30	Whitlock, James	Sold	Wheat		6		
1807	8/17	Watson, James	Sold	Wheat		44.5	33.375	No
1807	8/17	Watson, James	Sold	Wheat		53	39.75	No
1807	8/17	Williams, ?	Sold	Wheat		2		
1807	8/26	Vanmeter, Abraham	Sold	Wheat		9	7.2	No
1807	9/1	Gooding, Gabril	Sold	Wheat		5	4	No
1807	9/1	Roberts, William	Sold	Wheat		6	6	
1807	9/1	Watson, James	Sold	Wheat		50.5	37.53	No
1807	9/1	Young, James	Sold	Wheat		2.75		
1807	9/15	Blue, Jesse	Sold	Wheat		40		
1807	9/15	Burns, John	Sold	Wheat		25.5		
1807	9/15	Watson, James	Sold	Wheat		37	27.75	No
1807	9/21	Peter, Tom	Sold	Wheat		3	3	
1807	9/21	Ryle, William	Sold	Wheat		3	3	No
1807	9/21	Sagther, Peter	Sold	Wheat		2	2	No
1807	9/25	Watson, James	Sold	Wheat		23	17.2	No
1807	10/4	Agle, John	Sold	Wheat		2	2	No
1807	10/6	Cook, Giles	Sold	Flour	1		3.75	Yes
1807	10/6	Peter, Tom	Sold	Wheat		3	3	
1807	10/10	Davenport, Samuel	Sold	Flour	13		65	Yes
1807	10/10	Gooding, Gabril	Sold	Wheat		5	4	No
1807	10/19	Cook, Giles	Sold	Wheat		46	34.8	Yes
1807	10/23	Cook, Giles	Sold	Wheat		48	40.2	Yes
1807	10/23	Cook, Giles	Sold	Wheat		44	37.4	Yes
1807	10/26	Conkland, Henry	Sold	Wheat		24.5	16.6	No
1807	10/26	Cook, Giles	Sold	Wheat		57	47.65	Yes
1807	10/26	Cook, Giles	Sold	Wheat		52	43.39	Yes
1807	11/2	Roberts, Samuel	Sold	Wheat		24	15	
1807	11/2	York	Sold	Wheat		22		

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Enslaver
1807	11/23	Humbledorth	Sold	Wheat		62	51.6	
1807	11/23	Roberts, John	Sold	Corn		74	50.1	
1807	11/23	White, Thomas	Sold	Wheat		6	6	
1807	12/2	Humbledorth	Sold	Wheat		13	11.18	
1807	12/2	Humbledorth	Sold	Wheat		27	23.4	
1807	12/2	Kehoe, Peter	Sold	Wheat		15	12.75	
1807	12/2	Kehoe, Peter	Sold	Wheat		11.5	9.5	
1807	12/2	Warm, Nick	Sold	Rye		3.5	1.75	
1807	12/10	Kehoe, Peter	Sold	Wheat		14.75	12.41	
1807	12/10	Staley, Jacob	Sold	Wheat		28	21	
1807	12/24	Agle, John	Sold	Corn	1		2	No
1807	12/24	Williams, ?	Sold	Corn	10		20	
1808	1/2	Young, James	Sold	Wheat		9	9	
1808	2/18	Leamon, James	Sold	Rye		12	6	
1808	3/12	Burns, William	Sold	Rye		1	0.5	
1808	5/13	Williams, Solomon	Sold	Wheat		10	5	
1808	8/2	Vanvacter, Abraham	Sold	Wheat		22.75		
1808	8/8	Burns, William	Sold	Corn		2.5	1.25	
1808	8/8	Burns, William	Sold	Rye		4	2	
1808	8/27	Davenport, Samuel	Sold	Wheat		2.25		
1808	8/27	Davenport, Samuel	Sold	Wheat		9.25		
1808	10/5	Staley, Jacob	Sold	Wheat		31.25		
1808	10/15	Davenport, Samuel	Sold	Flour	3		17.25	
1808	10/27	Ryle, William	Sold	Oats		6		
1808	11/5	Staley, Jacob	Sold	Flour	12		45	
1808	11/26	Peter, Tom	Sold	Corn	10		20	
1808	12/7	Ryle, William	Sold	Wheat		7.8		
1808	12/17	Staley, Jacob	Sold	Flour	7		31.5	
1808	12/26	Boyl, John	Sold	Corn		8.5	4.25	
1809	1/2	Snider, Martin	Sold	Wheat		8.5	4.91	
1809	1/6	Cook, Giles	Sold	Wheat			37	Yes
1809	1/14	Davis, Lenard	Sold	Corn		1.75	0.875	Yes
1809	1/24	Cook, Giles	Sold	Wheat		44	25.96	Yes
1809	2/2	Dowel, Simon	Sold	Wheat		10	5.9	No
1809	2/19	Steeler, William	Sold	Corn		2.75	2.375	
1809	2/21	Steeler, William	Sold	Rye		1.5	0.75	
1809	3/18	Lungth, Robert	Sold	Rye		22.75	11.375	
1809	3/22	Lungth, Robert	Sold	Rye		12	6	
1809	3/24	Burns, William	Sold	Rye		6	3	
1809	3/24	Lungth, Robert	Sold	Rye		29.25	14.625	
1809	4/6	Carlyle, Benjamin	Sold	Rye		5	2.5	No
1809	5/2	Carlyle, Benjamin	Sold	Flour	4		26.66	No

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Enslaver
1809	5/2	Lowens, Charles	Sold	Flour	3		20	Yes
1809	5/2	Steeler, William	Sold	Rye		1	0.66	
1809	6/9	Cattlett, James	Sold	Rye		6	3	No
1809	9/29	Burns, John	Sold	Wheat		3	2.5	
1809	10/18	Strider?, Jacob	Sold	Flour	15			Yes
1809	11/12	Snider, Martin	Sold	Rye		2	1.66	
1809	11/23	Muolins, Moses	Sold	Flour			2.54	
1809	12/2	Blue, Salter	Sold	Rye		3	1.5	
1810	1/18	Blue, Nat	Sold	Wheat		3	4	
1810	1/18	McLact?, Peter	Sold	Wheat		6	7.84	
1810	1/21	Warner, James	Sold	Wheat		50.66	67	
1810	1/25	Gardner, William	Sold	Wheat		13	15	No
1810	1/25	Yearks, Cyrus	Sold	Wheat		31	38.7	
1810	1/28	Williams, Benjamin	Sold	Wheat		3	3.83	
1810	2/20	Muolins, Moses	Sold	Wheat		21	26.3	
1810	5/4	Yauntz, Conrad	Sold	Rye		31.75	22.5	
1810	5/17	Lopscott, William	Sold	Wheat		59		
1810	7/8	Snider, Martin	Sold	Wheat		1.5		
1810	7/19	Yauntz, Conrad	Sold	Rye		11.33	10	
1810	7/23	Blue, Michael	Sold	Flour	7		45.5	No
1810	7/27	Blue, Michael	Sold	Wheat		54	55	No
1810	10/26	Snider, Martin	Sold	Wheat		14	14.5	
1810	11/18	Muolins, Moses	Sold	Corn		5.5	5.249	
1810	12/15	Yauntz, Conrad	Sold	Corn		14.25	13.6	
1810	12/15	Yauntz, Conrad	Sold	Rye		16	14.67	
1810	12/19	Hurst, James	Sold	Corn		68	63.25	Yes
1811	10/11	Yauntz, Conrad	Sold	Flour	15		82.5	Yes
1811	1/1	Burns, William	Sold	Wheat		12	12	
1811	2/9	More, David	Sold	Wheat		204.5	306.625	Yes
1811	2/9	Yearks, Cyrus	Sold	Wheat		4	5.32	
1811	4/4	Lieught, Robert	Sold	Corn	5		8.33	
1811	4/22	Lieught, Robert	Sold	Corn	5		8.33	
1811	5/17	Lieught, Robert	Sold	Corn	5		8.33	
1811	5/18	Roberts, Samuel	Sold	Flour	7		45	No
1811	5/24	Lieught, Robert	Sold	Corn	5		8.33	
1811	6/18	Lieught, Robert	Sold	Corn	40		66.66	
1811	6/20	Lieught, Robert	Sold	Wheat		5.33	7.1	
1811	8/2	Roberts, William	Sold	Wheat		5.5	7.33	No
1811	10/16	Neil, Samuel	Sold	Wheat		2.9	2.9	

Table 3: Transcribed entries from Hopewell Mill, 1817

This table contains all the transcribed entries for the sale of corn, rye, oats, and wheat at Hopewell Mill in 1817 (Hopewell Mill 1818). Entries for flour bought from farmers and barrels of flour waggoneers were paid to transport to Alexandria and Baltimore are recorded in the same way, so flour entries are not included in this table. Only three entries contained dollar values, so dollar values are not included in this table. The column for enslaved people over the age of 12 was obtained using data from the 1817 Jefferson County Tax Records. Accounts with no data in this column could not be cross-referenced to the tax records (Duncan 2003b). This data was used to determine the relative amount of grain/flour sold by enslavers and non-enslavers in 1817.

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	1/1	Baylor, Richard	Sold	Wheat	39	19
1817	1/2	Baylor, Richard	Sold	Wheat	36	19
1817	1/3	Yerkes?, Josiah	Sold	Wheat	10	0
1817	1/4	Baylor, Richard	Sold	Wheat	78	19
1817	1/4	Loeright?, Robert	Sold	Wheat	86	
1817	1/7	Baylor, Richard	Sold	Wheat	43.9	19
1817	1/7	Whiting, Francis	Sold	Wheat	31	19
1817	1/8	Baylor, Richard	Sold	Wheat	41.9	19
1817	1/8	Baylor, Richard	Sold	Wheat	80.6	19
1817	1/8	Cattlett, James	Sold	Wheat	64.9	0
1817	1/8	Moore, John	Sold	Wheat	52	5
1817	1/8	Strider, Isaac	Sold	Wheat	95	4
1817	1/10	Baylor, Richard	Sold	Wheat	110	19
1817	1/10	Baylor, Richard	Sold	Wheat	44.75	19
1817	1/10	Cattlett, James	Sold	Wheat	57.2	0
1817	1/10	Cattlett, James	Sold	Wheat	41.3	0
1817	1/10	Cattlett, James	Sold	Wheat	66.9	0
1817	1/10	Hurst, John	Sold	Wheat	116.9	13
1817	1/13	Moore, John	Sold	Wheat	60.5	5
1817	1/14	Baylor, Richard	Sold	Wheat	107	19
1817	1/14	Cattlett, James	Sold	Wheat	41	0
1817	1/14	Davis, James	Sold	Wheat	53.8	0
1817	1/14	Warren, Nicholas	Sold	Wheat	5.2	
1817	1/17	Hurst, John	Sold	Wheat	122.5	13
1817	1/18	Hurst, John	Sold	Wheat	61.5	13
1817	1/18	Hurst, John	Sold	Wheat	62.5	13
1817	1/18	Matson?, Daniel	Sold	Wheat	36	
1817	1/20	Baylor, Richard	Sold	Wheat	41.2	19
1817	1/20	Blue, John S.	Sold	Wheat	5.15	
1817	1/20	Hurst, John	Sold	Wheat	116.5	13
1817	1/22	Baylor, Richard	Sold	Wheat	100.5	19
1817	1/22	Baylor, Richard	Sold	Wheat	41	19
1817	1/22	Butler, William	Sold	Wheat	109	

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	1/22	Hurst, John	Sold	Wheat	119	13
1817	1/22	Roberts, Caty	Sold	Wheat	36.2	
1817	1/22	Strider, Isaac	Sold	Wheat	92.8	4
1817	1/22	Watson, Daniel	Sold	Wheat	4.9	
1817	1/25	Baylor, Richard	Sold	Wheat	111.5	19
1817	1/25	Baylor, Richard	Sold	Wheat	42	19
1817	1/25	Butler, William	Sold	Wheat	6	
1817	1/25	Lewright, William	Sold	Wheat	83.9	10
1817	1/25	Strider, Isaac	Sold	Wheat		4
1817	1/28	Baylor, Richard	Sold	Wheat	41.8	19
1817	1/28	Hunter, Ann	Sold	Wheat	62	18
1817	1/28	Watson, Daniel	Sold	Wheat	4.9	
1817	1/29	Baylor, Richard	Sold	Wheat	117	19
1817	1/29	Blue, John S.	Sold	Wheat	21.2	
1817	1/29	Hurst, John	Sold	Wheat	115.2	13
1817	1/30	Baylor, Richard	Sold	Wheat	41	19
1817	1/30	Bury, John	Sold	Wheat	21	
1817	1/30	Dandridge, Adam	Sold	Wheat	105.7	52
1817	1/30	Roberts, Caty	Sold	Wheat	33.8	
1817	1/30	Whiting, Francis	Sold	Wheat	12	19
1817	2/1	Baylor, Richard	Sold	Wheat	124.5	19
1817	2/1	Butler, William	Sold	Wheat	57.5	
1817	2/1	Hurst, John	Sold	Wheat	120.5	13
1817	2/1	Strider, Isaac	Sold	Wheat		4
1817	2/1	Warren, Nicholas	Sold	Wheat	10.5	
1817	2/3	Butler, William	Sold	Wheat	48.9	
1817	2/5	Baylor, Richard	Sold	Wheat	116.2	19
1817	2/5	Moore, John	Sold	Wheat	68	5
1817	2/6	Baylor, Richard	Sold	Rye	24.2	19
1817	2/6	Baylor, Richard	Sold	Wheat	7.25	19
1817	2/6	Butler, William	Sold	Wheat	110.5	
1817	2/6	Hurst, John	Sold	Wheat	116	13
1817	2/7	Blue, Michael	Sold	Wheat	2.5	0
1817	2/7	Hurst, James	Sold	Wheat	56	
1817	2/7	Hurst, John	Sold	Wheat	56.2	13
1817	2/7	Warren, James	Sold	Wheat	10	
1817	2/7	Watson, Daniel	Sold	Wheat	5	
1817	2/7	Watson, Daniel	Sold	Wheat	4	
1817	2/8	Baylor, Richard	Sold	Wheat	103	19
1817	2/8	Hurst, James	Sold	Wheat	60	
1817	2/8	Hurst, James	Sold	Wheat	55	
1817	2/8	Watson, Daniel	Sold	Wheat	5.3	

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	2/8	Watson, Daniel	Sold	Wheat	4	
1817	2/10	Butler, John	Sold	Wheat	12	6
1817	2/10	Dandridge, Stephen S.	Sold	Wheat	131.6	
1817	2/10	Hurst, John	Sold	Wheat	122.5	13
1817	2/10	Moore, John	Sold	Wheat	74.5	5
1817	2/11	Baylor, Richard	Sold	Wheat	38.8	19
1817	2/11	Hunter, Ann	Sold	Wheat	41	18
1817	2/11	Williams, John	Sold	Rye	4.5	
1817	2/12	Baylor, Richard	Sold	Wheat	89	19
1817	2/13	Griffin, Hasa	Sold	Wheat	51	
1817	2/13	Hurst, John	Sold	Wheat	126	13
1817	2/13	Moore, John	Sold	Wheat	46	5
1817	2/13	Williams, John	Sold	Wheat	10	
1817	2/13	Williams, Robert	Sold	Wheat	49.5	
1817	2/15	Baylor, Richard	Sold	Rye		19
1817	2/15	Baylor, Richard	Sold	Wheat	50	19
1817	2/15	Baylor, Richard	Sold	Wheat	40	19
1817	2/17	Dandridge, Adam	Sold	Wheat	31	52
1817	2/17	Evans, ?	Sold	Wheat	4	
1817	2/18	Conklin, Henry	Sold	Wheat	43	
1817	2/18	Dandridge, Adam	Sold	Wheat	131	52
1817	2/18	Hurst, James	Sold	Wheat	55.9	
1817	2/18	Hurst, John	Sold	Wheat	124	13
1817	2/18	Roberts, Caty	Sold	Wheat	28	
1817	2/19	Baylor, Richard	Sold	Rye	27	19
1817	2/19	Baylor, Richard	Sold	Wheat	83	19
1817	2/19	Baylor, Richard	Sold	Wheat	29	19
1817	2/19	Hurst, James	Sold	Wheat	55	
1817	2/19	Hurst, James	Sold	Wheat	55	
1817	2/20	Baylor, Richard	Sold	Wheat	24	19
1817	2/20	Griffin, Hasa	Sold	Wheat	100	
1817	2/20	Hurst, James	Sold	Wheat	57	
1817	2/20	Hurst, James	Sold	Wheat	55	
1817	2/21	Hurst, James	Sold	Wheat	48	
1817	2/21	Hurst, John	Sold	Wheat	125	13
1817	2/21	Roberts, William	Sold	Wheat	89	0
1817	2/21	Warren, Nicholas	Sold	Wheat	11	
1817	2/22	Baylor, Richard	Sold	Wheat	94	19
1817	2/22	Suroade?, Solomon	Sold	Wheat	2	
1817	2/22	Warren, Nicholas	Sold	Wheat	25	
1817	2/25	Dandridge, Adam	Sold	Wheat	167	52
1817	2/27	Strider, Isaac	Sold	Wheat	76	4

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	2/28	Baylor, Richard	Sold	Wheat	95	19
1817	2/28	Conklin, Henry	Sold	Wheat	6	
1817	3/3	Baylor, Richard	Sold	Wheat	88	19
1817	3/3	Hurst, James	Sold	Wheat	1	
1817	3/3	Hurst, John	Sold	Wheat	113	13
1817	3/3	Hurst, John	Sold	Wheat	113	13
1817	3/5	Dandridge, Adam	Sold	Wheat	155	52
1817	3/6	Bury, John	Sold	Wheat	46	
1817	3/6	Griffin, Hasa	Sold	Wheat	9	
1817	3/6	Roberts, William	Sold	Wheat	92	0
1817	3/7	Griffin, Hasa	Sold	Wheat	29	
1817	3/7	Hunter, Ann	Sold	Wheat	33	18
1817	3/7	Hurst, John	Sold	Wheat	105	13
1817	3/7	Roberts, William	Sold	Wheat	102	0
1817	3/7	Roberts, William	Sold	Wheat	46	0
1817	3/8	Blue, John S.	Sold	Wheat	14	
1817	3/8	Griffin, Hasa	Sold	Wheat	4	
1817	3/11	?, Solomon	Sold	Wheat	2	
1817	3/12	Baylor, Richard	Sold	Wheat	54	19
1817	3/12	Hurst, John	Sold	Wheat	102	13
1817	3/13	Baylor, Richard	Sold	Wheat	45	19
1817	3/13	Wood, Thomas	Sold	Wheat	12	
1817	3/14	Blue, Michael	Sold	Wheat	57	0
1817	3/14	Butler, Thomas	Sold	Wheat	32	
1817	3/14	Dandridge, Adam	Sold	Wheat	200	52
1817	3/15	Baylor, Richard	Sold	Wheat	71	19
1817	3/15	Hurst, John	Sold	Wheat	40	13
1817	3/15	Hurst, John	Sold	Wheat	73	13
1817	3/15	Laman, Thomas	Sold	Corn	5	0
1817	3/15	Roberts, William	Sold	Wheat	32	0
1817	3/15	Strider, Isaac	Sold	Wheat	177	4
1817	3/20	Butler, Thomas	Sold	Wheat	97	
1817	3/21	Dandridge, Adam	Sold	Wheat	125	52
1817	3/22	Bury, John	Sold	Wheat	18	
1817	3/22	Butler, Thomas	Sold	Wheat	75	
1817	3/26	Baylor, Richard	Sold	Rye	38	19
1817	3/26	Baylor, Richard	Sold	Rye	38	19
1817	3/28	Butler, Thomas	Sold	Wheat	46	
1817	3/28	Dandridge, Adam	Sold	Wheat	42	52
1817	3/29	Butler, Thomas	Sold	Wheat	35	
1817	3/29	Roberts, William	Sold	Wheat	136	0
1817	4/1	Roberts, William	Sold	Wheat	17	0

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	4/7	Hurst, John	Sold	Wheat	15	13
1817	4/8	Butler, William	Sold	Wheat	36	
1817	4/20	Wiphtin?, Frank	Sold	Wheat	23	
1817	4/24	Strider, Isaac	Sold	Wheat	52	4
1817	4/27	Hurst, James Jr.	Sold	Corn	100	4
1817	4/27	Strider, Isaac	Sold	Wheat	71	4
1817	5/5	Wall, Joshua	Sold	Wheat	59	
1817	5/14	Whiting, Francis	Sold	Wheat	9	19
1817	5/19	Strider, Isaac	Sold	Wheat	215	4
1817	6/28	Burns, John	Sold	Wheat	15	
1817	7/29	Moore, John	Sold	Wheat	86	5
1817	7/30	Baylor, Richard	Sold	Wheat	60	19
1817	7/30	Strayer, Nicholas	Sold	Wheat	88	2
1817	8/2	Baylor, Richard	Sold	Wheat	67	19
1817	8/2	Hurst, James	Sold	Wheat	84	
1817	8/2	Hurst, James Sr.	Sold	Wheat	50	19
1817	8/2	Moore, John	Sold	Wheat	90	5
1817	8/5	Hurst, James Jr.	Sold	Wheat	62	4
1817	8/5	Roberts, Caty	Sold	Wheat	1	
1817	8/6	Baylor, Richard	Sold	Wheat	71	19
1817	8/6	Butler, John	Sold	Wheat	51	6
1817	8/6	Butler, William	Sold	Wheat	63	
1817	8/7	Warren, Nicholas	Sold	Wheat	22	
1817	8/8	Hunter, Ann	Sold	Wheat	61	18
1817	8/8	Hurst, James Jr.	Sold	Wheat	120	4
1817	8/9	Baylor, Richard	Sold	Wheat	43	19
1817	8/9	Baylor, Richard	Sold	Wheat	49	19
1817	8/9	Lounds, Charles	Sold	Wheat	41	13
1817	8/9	Mason, Edward	Sold	Rye	45	0
1817	8/11	Baylor, Richard	Sold	Wheat	47	19
1817	8/11	Baylor, Richard	Sold	Wheat	47	19
1817	8/11	Hunter, Ann	Sold	Wheat	65	18
1817	8/11	Hurst, James Sr.	Sold	Wheat	47	19
1817	8/11	Hurst, James Sr.	Sold	Wheat	48	19
1817	8/11	Hurst, John	Sold	Wheat	150	13
1817	8/11	Lounds, Charles	Sold	Wheat	37	13
1817	8/11	Lounds, Charles	Sold	Wheat	30	13
1817	8/11	Moore, John	Sold	Rye	33	5
1817	8/13	Baylor, Richard	Sold	Wheat	91	19
1817	8/13	Baylor, Richard	Sold	Wheat	44	19
1817	8/13	Strayer, Nicholas	Sold	Wheat	15	2
1817	8/16	Baylor, Richard	Sold	Wheat	87	19

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	8/16	Baylor, Richard	Sold	Wheat	50	19
1817	8/20	Hunter, Ann	Sold	Wheat	67	18
1817	8/20	Warren, James	Sold	Wheat	38	
1817	8/21	Hurst, James Jr.	Sold	Wheat	129	4
1817	8/21	Moore, David	Sold	Wheat	43	
1817	8/21	Southwood, Edward	Sold	Wheat	71	
1817	8/21	Williams, Benjamin	Sold	Wheat	25	0
1817	8/22	Griffin, Hasa	Sold	Wheat	25	
1817	8/22	Griffin, James	Sold	Wheat	8	
1817	8/22	Mason, Edward	Sold	Wheat	155	0
1817	8/22	Moore, John	Sold	Rye	71	5
1817	8/22	Roberts, Abraham	Sold	Wheat	38	0
1817	8/23	Moore, John	Sold	Wheat	56	5
1817	8/25	Hurst, James Jr.	Sold	Wheat	48	4
1817	8/27	Dandridge, Adam	Sold	Wheat	57	52
1817	8/27	Warren, Nicholas	Sold	Wheat	15	
1817	8/27	Yerks, Cyrus	Sold	Wheat	31	
1817	8/28	Dandridge, Adam	Sold	Wheat	27	52
1817	8/29	Lounds, Charles	Sold	Wheat	56	13
1817	8/30	Griffin, Hasa	Sold	Rye	4	
1817	8/30	Lounds, Charles	Sold	Wheat	44	13
1817	9/1	Hurst, James	Sold	Wheat	2	
1817	9/2	Baylor, Richard	Sold	Wheat	41	19
1817	9/3	Griffin, Hasa	Sold	Wheat	22	
1817	9/3	Southwood, Edward	Sold	Wheat	122	
1817	9/4	Dandridge, Adam	Sold	Wheat	33	52
1817	9/5	Lounds, Charles	Sold	Wheat	36	13
1817	9/6	Hurst, James	Sold	Wheat	18	
1817	9/12	Williams, Benjamin	Sold	Wheat	19	0
1817	9/17	Hurst, James Sr.	Sold	Wheat	61	19
1817	9/18	Butler, William	Sold	Wheat	53	
1817	9/20	Williams, Benjamin	Sold	Wheat	2	0
1817	9/24	Hunter, Ann	Sold	Wheat	2	18
1817	9/27	Williams, Benjamin	Sold	Wheat	4	0
1817	9/29	Lounds, Charles	Sold	Wheat	52	13
1817	9/29	Roberts, William	Sold	Wheat	17	0
1817	10/6	Butler, John	Sold	Wheat	16	6
1817	10/25	Griffin, Hasa	Sold	Wheat	16	
1817	10/28	Burns?, Edward	Sold	Wheat	6	
1817	10/29	Butler, William	Sold	Wheat	89	
1817	10/29	Hunter, Ann	Sold	Wheat	59	18
1817	11/4	Butler, William	Sold	Wheat	150	

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	11/4	Dandridge, Adam	Sold	Wheat	160	52
1817	11/6	Roberts, Joseph	Sold	Wheat	10	2
1817	11/6	Southwood, Edward	Sold	Wheat	107	
1817	11/7	Butler, William	Sold	Wheat	49	
1817	11/7	Hunter, Ann	Sold	Wheat	61	18
1817	11/11	Williams, John	Sold	Wheat	5	
1817	11/14	Hurst, James Sr.	Sold	Wheat	48	19
1817	11/15	Hurst, James Sr.	Sold	Wheat	50	19
1817	11/18	Butler, William	Sold	Wheat	59	
1817	11/21	Hunter, Ann	Sold	Rye	27.25	18
1817	11/21	Strider, Charles	Sold	Rye	2.75	2
1817	11/25	Griffin, Hasa	Sold	Wheat	22	
1817	11/25	Southwood, Edward	Sold	Wheat	19	
1817	11/28	Hunter, Ann	Sold	Rye	1.75	18
1817	11/28	Hunter, Ann	Sold	Wheat	63	18
1817	12/6	Berry, John	Sold	Corn	26	1
1817	12/8	Moore, John	Sold	Wheat	46	5
1817	12/11	Griffin, Hasa	Sold	Wheat	55	
1817	12/12	Hurst, James Sr.	Sold	Wheat	54	19
1817	12/12	Hurst, James Sr.	Sold	Wheat	54	19
1817	12/12	Roberts, Abraham	Sold	Rye	1	0
1817	12/12	Strayer, Nicholas	Sold	Wheat	33	2
1817	12/13	Butler, William	Sold	Wheat	71	
1817	12/13	Hurst, James Sr.	Sold	Wheat	53	19
1817	12/13	Wilas?, Carvers	Sold	Wheat	47	18
1817	12/13	Williams, John	Sold	Wheat	2	
1817	12/15	?, Arthur	Sold	Wheat	25	
1817	12/16	Wilas?, Carvers	Sold	Wheat	46	18
1817	12/18	Butler, William	Sold	Wheat	70	
1817	12/18	Dandridge, Adam	Sold	Wheat	70	52
1817	12/18	Dandridge, Adam	Sold	Wheat	73	52
1817	12/19	Lounds, Charles	Sold	Wheat	23	13
1817	12/19	Wilas?, Carvers	Sold	Wheat	49	18
1817	12/20	Butler, William	Sold	Wheat	42	
1817	12/22	Baylor, Richard	Sold	Wheat	40	19
1817	12/23	Baylor, Richard	Sold	Wheat	40	19
1817	12/23	Dandridge, Adam	Sold	Wheat	72	52
1817	12/24	Wilas?, Carvers	Sold	Wheat	51	18
1817	12/25	Butler, William	Sold	Wheat	26	
1817	12/25	Moore, John	Sold	Wheat	43	5
1817	12/26	Dandridge, Adam	Sold	Wheat	50	52
1817	12/26	Griffin, Hasa	Sold	Wheat	55	

Year	Day	Account	Action	Item	Bushel	Enslaved People Over 12
1817	12/26	Hunter, Ann	Sold	Wheat	46	18

Table 4: Transcribed entries from Spring Mill, 1823-1835

This table contains all the transcribed entries for the sale of corn, oats, rye, wheat, and flour in the Spring Mill 1823-1835 ledger (Spring Mill 1830). Not all entries contained the amount of grain/flour and the dollar value of the grain/flour. However, when the price per bushel could be reasonably established from the surrounding entries it was included in the Dollar column. The enslaver column is for accounts that could be cross-referenced to the 1830 Federal Census. Those listed as enslaving adult women and men are listed as enslavers and those not enslaving adult women and men are listed as not being enslavers. No account belonged to a person who only enslaved children. Accounts with no data in this column could not be cross-referenced to the census. This data was used to determine the relative amount of grain/flour sold by enslavers and non-enslavers in 1823-1835. However, since these have not been cross-referenced with tax records, they cannot provide an in-depth understanding of these trends.

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1823	2/24	Richardson, John	Sold	Corn		54.5	16.35	52	
1823	7/10	Richardson, John	Sold	Rye		14.75	7.375	52	
1823	7/29	Richardson, John	Sold	Rye		25	12.5	52	
1823	11/22	Richardson, John	Sold	Wheat				52	
1824	12/1	Timberlake, David	Sold	Wheat		52.5	37.8	71	Yes
1824	12/2	Timberlake, David	Sold	Wheat		52	37.44	71	Yes
1824	12/4	Timberlake, David	Sold	Wheat		38.5	27.785	71	Yes
1824	12/10	Timberlake, David	Sold	Wheat		43.2	31.104	71	Yes
1824	12/14	Timberlake, David	Sold	Wheat			55.45	71	Yes
1825	2/3	Timberlake, David	Sold	Wheat			54.14	71	Yes
1825	2/11	Brown, William H.	Sold	Corn		2.5	0.75	30	No
1825	2/11	Brown, William H.	Sold	Rye		13.5	6.75	30	No
1825	2/11	Brown, William H.	Sold	Rye		42.375	21.1875	30	No
1825	3/4	Dunbar, Hannah	Sold	Corn		5	1.5	17	Yes
1825	3/21	Brown, William H.	Sold	Flour			4.144	30	No
1825	3/21	Brown, William H.	Sold	Rye		25.125	12.5625	30	No
1825	3/21	Brown, William H.	Sold	Wheat			47	30	No
1825	9/7	Timberlake, David	Sold	Wheat		50.5	31.31	71	Yes
1825	9/8	Timberlake, David	Sold	Wheat		53.5	33.11	71	Yes
1825	9/9	Timberlake, David	Sold	Wheat		55.1	31.69	71	Yes
1825	9/10	Timberlake, David	Sold	Wheat		70	44.02	71	Yes
1825	10/24	Math?, John	Sold	Rye				22	
1825	11/1	Timberlake, David	Sold	Wheat			56	71	Yes
1825	11/1	Timberlake, David	Sold	Wheat			68	71	Yes
1825	11/3	Timberlake, David	Sold	Wheat			65.53	71	Yes
1825	11/4	Timberlake, David	Sold	Wheat			54	71	Yes
1825	11/5	Galloway, Richard L.	Sold	Wheat			4	61	
1825	11/11	Timberlake, David	Sold	Wheat			54	71	Yes
1825	11/22	Galloway, Richard L.	Sold	Wheat			8.37	61	
1825	11/23	Timberlake, David	Sold	Wheat			14.45	71	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1825	11/25	Glass, James	Sold	Wheat		64.5	64.45	47	Yes
1825	12/2	Hay, John	Sold	Wheat			7	5	Yes
1825	12/2	Lee, Daniel	Sold	Wheat			89	13	
1825	12/9	Hay, John	Sold	Wheat			33.33	5	Yes
1825	12/16	Lin, Daniel	Sold	Wheat		39.5	38.5	68	
1825	12/21	Lin, Daniel	Sold	Wheat		48	45.56	68	
1825	12/24	Lin, Daniel	Sold	Wheat		39	38.21	68	
1825	12/29	Hay, John	Sold	Flour			7.143	5	Yes
1826	4/1	Gray, William	Sold	Rye		16.5	8.25	101	No
1826	1/4	Lindsey, Lewis	Sold	Wheat			32.24	2	
1826	1/7	Briarly, Thomas	Sold	Flour			16.18	12	
1826	1/7	Lee, Daniel	Sold	Flour			1.175	13	
1826	1/7	Lindsey, Lewis	Sold	Wheat			22.37	2	
1826	1/7	Singhafs, Samuel	Sold	Rye		8	4	15	
1826	1/10	Macky, Catharine	Sold	Rye		53.5	26.75	20	Yes
1826	1/10	Rob?man, Siles R,	Sold	Rye		29.375	14.6875	23	
1826	1/10	Singhafs, Michael	Sold	Flour			2.12	25	
1826	1/10	Singhafs, Michael	Sold	Flour				25	
1826	1/11	Lindsey, Lewis	Sold	Wheat			24.49	2	
1826	1/11	Neill, Lewis	Sold	Wheat		42	37.45	28	No
1826	1/13	Baker, Isaac	Sold	Wheat		45	36.51	44	Yes
1826	1/16	Briarly, Thomas	Sold	Wheat			71.47	12	
1826	1/18	Gray, Robert	Sold	Rye		35.375	17.6875	29	
1826	1/18	Holliday, William	Sold	Wheat		39.75	32	37	
1826	1/18	Lindsey, Lewis	Sold	Wheat			54.49	2	
1826	1/23	Dooly, Micajah	Sold	Wheat			68.57	40	Yes
1826	1/25	Lindsey, Lewis	Sold	Wheat			25.25	2	
1826	1/28	Lindsey, Lewis	Sold	Wheat			35.35	2	
1826	1/28	Neill, Lewis	Sold	Flour			7.16	28	No
1826	1/28	Shultz, Frederick	Sold	Flour			4.65	38	
1826	2/1	Baker, Isaac	Sold	Wheat		29	22.6	44	Yes
1826	2/1	Rob?man, Siles R,	Sold	Rye		12.375	6.1875	23	
1826	2/3	Baker, Isaac	Sold	Corn		45.5	20.93	44	Yes
1826	2/4	Glass, James	Sold	Wheat		20.125	20.1	47	Yes
1826	2/4	Glass, Robert D.	Sold	Wheat		62.75	62.45	48	
1826	2/4	Miller, John & Abraham	Sold	Rye		46	23	45	
1826	2/5	Baty, Henry	Sold	Rye		33.25	16.625	42	Yes
1826	2/8	Briarly, Thomas	Sold	Flour				12	
1826	2/8	Briarly, Thomas	Sold	Wheat			54.5	12	
1826	2/8	Waite, Obed	Sold	Rye		22.5	11.25	14	
1826	2/9	Gray, Robert	Sold	Flour	2			29	
1826	2/9	Holliday, William	Sold	Wheat		47	44.36	37	

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1826	2/10	Waite, Obed	Sold	Rye			20.1	14	
1826	2/14	Slackhorn, James	Sold	Corn		2	0.92	43	
1826	2/14	Slackhorn, James	Sold	Wheat		2.5	2.3595	43	
1826	2/16	Miller, John & Abraham	Sold	Rye		39.66	19.83	45	
1826	2/18	Singhafs, Samuel	Sold	Corn		2	0.92	15	
1826	2/18	Singhafs, Samuel	Sold	Rye		10	5	15	
1826	2/22	Dooly, Micajah	Sold	Wheat			69	40	Yes
1826	2/23	Briarly, Thomas	Sold	Wheat			46.34	12	
1826	2/27	Dooly, Micajah	Sold	Wheat			73.25	40	Yes
1826	2/28	Holliday, William	Sold	Wheat		47	45.4	37	
1826	3/1	Briarly, Thomas	Sold	Wheat			15.3	12	
1826	3/4	Glass, Robert D.	Sold	Wheat		62.75	62.5	48	
1826	3/8	Singhafs, Michael	Sold	Flour			3	25	
1826	3/15	Dooly, Micajah	Sold	Wheat			94.15	40	Yes
1826	3/17	Singhafs, Samuel	Sold	Wheat			40	15	
1826	3/22	Baker, Isaac	Sold	Wheat			99	44	Yes
1826	3/22	Boak, John	Sold	Wheat			78	64	
1826	3/22	Lee, Daniel	Sold	Flour			1.164	13	
1826	3/23	Baker, Isaac	Sold	Wheat			45	44	Yes
1826	3/25	Macky, Catharine	Sold	Rye		3.5	1.75	20	Yes
1826	3/25	Shultz, Frederick	Sold	Flour			11.5	38	
1826	3/30	Shultz, Frederick	Sold	Flour			2.156	38	
1826	3/31	Singhafs, Samuel	Sold	Oats		4	1.84	15	
1826	4/5	Lee, Daniel	Sold	Flour			9.186	13	
1826	4/11	Glass, Robert D.	Sold	Wheat		66	66	48	
1826	4/17	Singhafs, Samuel	Sold	Rye		15	7.5	15	
1826	4/19	Thomas, Townson W.	Sold	Flour			15.25	26	
1826	4/20	Gray, William	Sold	Rye		10.25	5.125	101	No
1826	4/22	Briarly, Thomas	Sold	Flour			277.18	12	
1826	5/2	Lin, Daniel	Sold	Flour			5.87	68	
1826	5/6	Cramer, Thomas	Sold	Rye		1.5	0.75	57	Yes
1826	5/8	Briarly, Thomas	Sold	Flour			25.29	12	
1826	5/17	Slackhorn, James	Sold	Rye		5	2.5	43	
1826	6/5	Glass, Robert D.	Sold	Flour	38			48	
1826	6/9	Bell, John	Sold	Rye		5.6175	2.8	6	
1826	6/9	Bell, John	Sold	Wheat			30.52	6	
1826	6/15	Hamaben?, Adam	Sold	Rye		9.5	4.75	41	
1826	6/15	Timberlake, David	Sold	Wheat			52	71	Yes
1826	6/16	Timberlake, David	Sold	Wheat			48	71	Yes
1826	6/18	Bell, John	Sold	Wheat			26.16	6	
1826	6/22	Lin, Daniel	Sold	Flour			5.92	68	
1826	6/22	Timberlake, David	Sold	Wheat			39	71	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1826	6/23	Timberlake, David	Sold	Wheat			40.3	71	Yes
1826	6/24	Timberlake, David	Sold	Wheat			87	71	Yes
1826	6/28	Bell, John	Sold	Rye		26	13	6	
1826	7/4	Carson, Simon	Sold	Rye		10	5	9	Yes
1826	7/4	Carson, Simon	Sold	Wheat			45.3	9	Yes
1826	7/8	Timberlake, David	Sold	Wheat			50	71	Yes
1826	7/12	Lee, Daniel	Sold	Flour			14.23	13	
1826	7/15	Sevimley?, Jacob	Sold	Flour	3			8	
1826	7/15	Singhafs, Samuel	Sold	Rye		2	1	15	
1826	7/17	Baker, Isaac	Sold	Corn		39	17.94	44	Yes
1826	7/20	Lin, Daniel	Sold	Wheat			32.47	68	
1826	7/22	Thomas, Townson W.	Sold	Wheat			14.45	26	
1826	7/27	Lin, Daniel	Sold	Wheat		45	45	68	
1826	7/27	Timberlake, David	Sold	Wheat			31.44	71	Yes
1826	8/3	Lin, Daniel	Sold	Flour			3	68	
1826	8/3	Singhafs, Samuel	Sold	Rye		2.5	1.25	15	
1826	8/7	Lin, Daniel	Sold	Flour			8	68	
1826	8/8	Hay, John	Sold	Wheat		18	16.22	5	Yes
1826	8/8	Neill, Lewis	Sold	Wheat		17.75	17.1	28	No
1826	8/8	Shultz, Frederick	Sold	Wheat		11	11.23	38	
1826	8/9	Branon, Robert	Sold	Rye		5	2.5	70	
1826	8/17	Neill, Lewis	Sold	Flour			3.42	28	No
1826	8/17	Neill, Lewis	Sold	Rye		10	6.25	28	No
1826	8/21	Hay, John	Sold	Wheat		18	15.36	5	Yes
1826	8/23	Miller, John & Abraham	Sold	Rye		6.25	3.125	45	
1826	8/23	Miller, John & Abraham	Sold	Wheat			1.38	45	
1826	8/24	Hay, John	Sold	Wheat		5	4.2	5	Yes
1826	8/25	Singhafs, Samuel	Sold	Rye		2.5	1.25	15	
1826	8/29	Singhafs, Samuel	Sold	Rye		2	1	15	
1826	8/31	Shultz, Frederick	Sold	Rye		10	5	38	
1826	9/23	Brome, John M.	Sold	Wheat		5	4.2	54	Yes
1826	9/25	Bell, John 2	Sold	Rye		16	8	75	
1826	9/29	Miller, John & Abraham	Sold	Rye		10	5	45	
1826	9/29	Miller, John & Abraham	Sold	Wheat			2	45	
1826	10/14	Glass, Robert D.	Sold	Flour			17.5	86	
1826	10/23	Timberlake, David	Sold	Wheat			38	71	Yes
1826	10/24	Carson, Simon	Sold	Wheat		56	55.6	9	Yes
1826	10/24	Carson, Simon	Sold	Wheat		58	55.35	9	Yes
1826	10/24	Lupton, Joshua	Sold	Wheat			14.3	89	No
1826	10/25	Hay, John	Sold	Wheat		5	4.5	5	Yes
1826	10/26	Sevimley?, Jacob	Sold	Flour	5			8	
1826	11/4	Lupton, Joshua	Sold	Flour			2.592	89	No

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1826	11/7	Hartman, Daniel	Sold	Wheat		36.25	35.13	92	Yes
1826	11/8	Bell, John 2	Sold	Wheat		15	14.536	75	
1826	11/8	Bell, John 2	Sold	Wheat		22	21.32	75	
1826	11/8	Singhafs, Samuel	Sold	Rye		2	1	15	
1826	11/17	Lin, Daniel	Sold	Wheat			12	68	
1826	11/20	Lin, Daniel	Sold	Wheat		3.75	3.26	68	
1826	11/28	Lindsey, Lewis	Sold	Wheat			32.53	2	
1826	11/28	Lindsey, Lewis	Sold	Wheat				2	
1826	12/1	Rea, Samuel	Sold	Wheat		20.25	18.185	93	No
1826	12/11	Iron, John	Sold	Wheat		42.5	38.16	81	
1826	12/11	Iron, John	Sold	Wheat		20	18.18	81	
1826	12/12	Lindsey, Lewis	Sold	Flour			6	2	
1826	12/18	Bell, John 2	Sold	Wheat		21.25	19.08	75	
1826	12/18	Lupton, Joshua	Sold	Wheat			64	89	No
1826	12/19	Lindsey, Lewis	Sold	Wheat			48	2	
1826	12/22	Lindsey, Lewis	Sold	Wheat			32	2	
1826	12/23	Brown, William H.	Sold	Wheat			35.1	95	No
1826	12/23	Lindsey, Lewis	Sold	Wheat			35	2	
1826	12/23	Lindsey, Lewis	Sold	Wheat			42.4	2	
1826	12/23	Lindsey, Lewis	Sold	Wheat			42.42	2	
1826	12/23	Sheckels, Edward	Sold	Rye		1	0.5	18	
1826	12/24	Lindsey, Lewis	Sold	Flour			5	2	
1826	12/28	Dooly, Micajah	Sold	Rye			21.72	40	Yes
1827	1/2	Glass, Robert D.	Sold	Rye		8.5	4.25	86	
1827	1/4	Bell, John 2	Sold	Wheat		25	25	75	
1827	1/5	Gray, Anin	Sold	Corn		37.5	18.75	29	
1827	1/8	Hartman, Daniel	Sold	Wheat		64	62.17	92	Yes
1827	1/8	Hartman, Daniel	Sold	Wheat		3	2.42	92	Yes
1827	1/8	Holliday, William	Sold	Flour			23.165	37	
1827	1/9	Glass, Robert D.	Sold	Wheat		64	61.5	86	
1827	1/9	Holliday, William	Sold	Wheat		32.5	29.16	37	
1827	1/10	Bell, John 2	Sold	Wheat		9.5	5.225	75	
1827	1/10	Hartman, Daniel	Sold	Wheat		68	65.42	92	Yes
1827	1/10	Miller, John & Abraham	Sold	Wheat		38.5	36.24	45	
1827	1/13	Gray, Anin	Sold	Corn		37.5	18.75	29	
1827	1/13	Hartman, Daniel	Sold	Wheat		63	60.52	92	Yes
1827	1/13	Hartman, Daniel	Sold	Wheat		5.75	5.23	92	Yes
1827	1/13	Lin, Daniel	Sold	Wheat		64.75	63.4	68	
1827	1/13	Neill, Lewis	Sold	Wheat			19.1	88	No
1827	1/16	Hartman, Daniel	Sold	Wheat		10	9.4	92	Yes
1827	1/16	Hartman, Daniel	Sold	Wheat		20	16	92	Yes
1827	1/16	Hollingsworth, Hanah	Sold	Corn		28	14	97	No

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1827	1/16	Neill, Lewis	Sold	Rye		3	1.5	88	No
1827	1/18	Brown, William H.	Sold	Wheat		35.5	34.45	95	No
1827	1/18	Neill, Lewis	Sold	Rye		8.5	4.25	88	No
1827	1/18	Neill, Lewis	Sold	Wheat		20	19.2	88	No
1827	1/20	Hollingsworth, Samuel	Sold	Rye		3	1.5	102	
1827	1/29	Bell, John ?	Sold	Wheat		19.3	18.729	94	
1827	1/29	Lin, Daniel	Sold	Flour	9		54	68	
1827	1/29	Neill, Lewis	Sold	Flour			3.155	88	No
1827	2/1	Lindsey, Lewis	Sold	Wheat			31.4	2	
1827	2/2	Brome, John M.	Sold	Wheat		18	17.136	54	Yes
1827	2/6	Lupton, Joshua	Sold	Flour			13.5	89	No
1827	2/6	Miller, John & Abraham	Sold	Wheat		56.25	53.55	45	
1827	2/10	Bell, John	Sold	Wheat			23.58	6	
1827	2/14	Lupton, Joshua	Sold	Wheat			65	89	No
1827	2/15	Glass, Robert D.	Sold	Wheat		64.5	63.24	86	
1827	2/26	Boak, John	Sold	Wheat		31	30.394	64	
1827	2/26	Lupton, Joshua	Sold	Flour			13.155	89	No
1827	2/28	Slackhorn, James	Sold	Wheat		2	1.96	43	
1827	3/1	Lupton, Joshua	Sold	Flour			2.41	89	No
1827	3/1	Lupton, Joshua	Sold	Wheat			93.3	89	No
1827	3/1	Lupton, Joshua	Sold	Wheat			11	89	No
1827	3/2	Miller, John & Abraham	Sold	Rye		14	7	45	
1827	3/7	Gray, Anin	Sold	Rye		12.25	8.125	29	
1827	3/7	Gray, Anin	Sold	Wheat		30	75	29	
1827	3/9	Miller, John & Abraham	Sold	Rye		28	14	45	
1827	3/18	Holliday, William	Sold	Flour	6		36	37	
1827	3/20	Glass, Robert D.	Sold	Wheat		63	62.19	86	
1827	3/27	Bell, John ?	Sold	Rye		8	4	94	
1827	3/29	Lupton, Joshua	Sold	Flour			19.125	89	No
1827	4/3	Gray, Anin	Sold	Rye		8	4	29	
1827	4/5	Glass, Robert D.	Sold	Flour	12		72	86	
1827	4/6	Brown, William H.	Sold	Wheat		26.5	26.3	95	No
1827	4/10	Holliday, William D.	Sold	Corn		22	11	34	Yes
1827	4/11	Glass, Robert D.	Sold	Corn		2.75	1.375	86	
1827	4/11	Glass, Robert D.	Sold	Rye		2	1	86	
1827	4/11	Glass, Robert D.	Sold	Wheat		30.75	29.44	86	
1827	4/12	Bell, John	Sold	Rye		10.75	5.375	6	
1827	4/12	Bell, John ?	Sold	Flour			8	94	
1827	4/12	Bell, John ?	Sold	Rye		20	10	94	
1827	4/14	Lupton, Joshua	Sold	Wheat		64.2	61.46	89	No
1827	4/24	Singhafs, Samuel	Sold	Oats		2.5	0.625	15	
1827	4/26	Lupton, Joshua	Sold	Flour			13.84	104	No

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1827	5/6	Collins, Freeman	Sold	Wheat		25.5	24.413	65	
1827	5/7	Boak, John	Sold	Flour			4.7	64	
1827	6/13	Lupton, Joshua	Sold	Wheat		65	62.46	104	No
1827	6/14	Lupton, Joshua	Sold	Wheat		37	38.3	104	No
1827	6/20	Lupton, Joshua	Sold	Wheat		9	9	104	No
1827	6/22	Glass, Robert D.	Sold	Flour			30.174	104	
1827	7/14	Math?, John	Sold	Rye		20	10	22	
1827	7/18	Hay, John	Sold	Wheat		5	9.45	5	Yes
1827	7/18	Math?, John	Sold	Rye		35.5	17.75	22	
1827	7/18	Math?, John	Sold	Wheat			55.5	22	
1827	7/25	Glass, Thomas	Sold	Wheat			50.38	109	Yes
1827	7/25	Macky, Catharine	Sold	Wheat		10.5	10	20	Yes
1827	7/26	Shultz, Frederick	Sold	Wheat			20	38	
1827	8/3	Glass, Thomas	Sold	Wheat			17.45	109	Yes
1827	8/7	Bell, John ?	Sold	Rye		12.75	6.375	94	
1827	8/7	Bell, John ?	Sold	Wheat		12.75	12.975	94	
1827	8/10	Shultz, Frederick	Sold	Rye		9.5	4.75	38	
1827	8/11	Holliday, William	Sold	Wheat		22.6	23	103	
1827	8/12	Hay, John	Sold	Wheat		5	5.51	5	Yes
1827	8/13	Bell, John ?	Sold	Wheat		17.5	17.55	94	
1827	8/13	Bell, John ?	Sold	Wheat		9	9.9	94	
1827	8/14	Macky, Catharine	Sold	Wheat		60	61	111	Yes
1827	8/18	Hay, John	Sold	Wheat		5	9.15	5	Yes
1827	8/20	Gray, William	Sold	Rye		16.125	8.0625	101	No
1827	8/21	Brown, William H.	Sold	Wheat		21.5	22.33	95	No
1827	8/22	Shultz, Frederick	Sold	Rye		27.5	13.75	38	
1827	9/2	Neill, Lewis	Sold	Rye		15.75	7.875	88	No
1827	9/2	Shultz, Frederick	Sold	Wheat			16.45	38	
1827	9/6	Bell, John ?	Sold	Rye		24.75	12.375	94	
1827	9/6	Gambel, Joseph	Sold	Rye		25	12.5	27	Yes
1827	9/8	Neill, Lewis	Sold	Rye		5.25	2.625	88	No
1827	9/11	Bell, John ?	Sold	Wheat		22.2	22.2	94	
1827	9/11	Glass, Thomas	Sold	Flour			14.1	109	Yes
1827	9/11	Hollingsworth, Samuel	Sold	Rye		44.75	22.375	102	
1827	9/13	Hollingsworth, Samuel	Sold	Wheat		4	4	102	
1827	9/17	Lee, Daniel	Sold	Flour			14.5	13	
1827	9/18	Glass, Robert D.	Sold	Wheat		66	68.12	104	
1827	9/18	Shultz, Frederick	Sold	Wheat			10	38	
1827	9/19	Brown, William H.	Sold	Wheat		18.5	18.48	95	No
1827	9/19	Glass, Robert D.	Sold	Wheat		65.5	67.45	104	
1827	9/20	Glass, Robert D.	Sold	Wheat		45	46.3	104	
1827	9/20	Neill, Lewis	Sold	Flour			3.164	88	No

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1827	9/24	Brown, William H.	Sold	Flour			4.147	95	No
1827	9/28	Bell, John ?	Sold	Flour			0.15	94	
1827	10/2	Bell, John ?	Sold	Rye		18.5	9.25	94	
1827	10/6	Brown, William H.	Sold	Rye		7	3.5	95	No
1827	10/10	Glass, Robert D.	Sold	Flour			36.97	104	
1827	10/13	Brown, William H.	Sold	Wheat		14.75	13	95	No
1827	10/30	Bell, John ?	Sold	Wheat		36	25.56	113	
1827	11/1	Holliday, William D.	Sold	Wheat		33.5	23.785	34	Yes
1827	11/3	Bell, John ?	Sold	Rye		22	11	113	
1827	11/3	Holliday, William	Sold	Wheat			22.24	103	
1827	11/3	Holliday, William	Sold	Wheat			15.6	103	
1827	11/3	Holliday, William D.	Sold	Wheat		31	22.2	34	Yes
1827	11/3	Shultz, Frederick	Sold	Flour	4			38	
1827	11/3	Shultz, Frederick	Sold	Flour	3			38	
1827	11/3	Shultz, Frederick	Sold	Wheat			14	38	
1827	11/7	Gray, William	Sold	Rye		5.125	2.5625	101	No
1827	11/7	Gray, William	Sold	Wheat			37.13	101	No
1827	11/8	Boak, John	Sold	Wheat		8.5	5.97	64	
1827	11/8	Holliday, William D.	Sold	Wheat		38	26.72	34	Yes
1827	11/10	Hollingsworth, Samuel	Sold	Rye		20	10	115	
1827	11/16	Holliday, William	Sold	Rye		24.25	12.125	103	
1827	11/16	Holliday, William D.	Sold	Wheat		16	10.25	34	Yes
1827	11/17	Holliday, William	Sold	Wheat			14	103	
1827	11/17	Shultz, Frederick	Sold	Flour	5			38	
1827	11/17	Shultz, Frederick	Sold	Wheat			29	38	
1827	11/18	Bell, John ?	Sold	Wheat		2.5	2.25	113	
1827	11/28	Shultz, Frederick	Sold	Flour			5.196	38	
1827	11/29	Holliday, William D.	Sold	Wheat		13	10.21	34	Yes
1827	11/30	?anhon, Elizabeth	Sold	Corn	2		3.5	46	
1827	11/30	Holliday, William	Sold	Wheat			26.42	103	
1827	11/30	Hopkins, John	Sold	Corn		32.25	16.125	7	Yes
1827	12/1	Holliday, William D.	Sold	Wheat		25	18.88	34	Yes
1827	12/3	Glass, Thomas	Sold	Rye		14.5	7.25	109	Yes
1827	12/3	Glass, Thomas	Sold	Wheat			58.12	109	Yes
1827	12/3	Holliday, William	Sold	Wheat			35.55	103	
1827	12/4	Holliday, William	Sold	Wheat			49.44	103	
1827	12/5	Glass, Robert D.	Sold	Wheat		64	66.8	118	
1827	12/6	Glass, Robert D.	Sold	Wheat		79.5	82.8	118	
1827	12/8	Hopkins, John	Sold	Corn		16.75	8.375	7	Yes
1827	12/15	Holliday, William D.	Sold	Wheat		42	32.22	34	Yes
1827	12/15	Holliday, William D.	Sold	Wheat		37	27.83	34	Yes
1827	12/15	Holliday, William D.	Sold	Wheat		29	21.75	34	Yes

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1827	12/20	Singhafs, Michael	Sold	Wheat		10	5	25	
1827	12/22	Holliday, William D.	Sold	Wheat		41	30.75	34	Yes
1827	12/29	Bell, John ?	Sold	Rye		46	23	113	
1827	12/30	Glass, Thomas	Sold	Flour			11.1	109	Yes
1828	1/3	Hartman, Daniel	Sold	Wheat		70.5	70.3	92	Yes
1828	1/4	Copenhaven, John	Sold	Flour			2.25	32	Yes
1828	1/4	Hartman, Daniel	Sold	Wheat		78.5	78.3	92	Yes
1828	1/5	Hartman, Daniel	Sold	Wheat		74	74	92	Yes
1828	1/6	Wall, John	Sold	Rye		26.75	12.0375	114	
1828	1/7	Hartman, Daniel	Sold	Wheat		78	78	92	Yes
1828	1/7	Wall, John	Sold	Rye		12.875	5.79	114	
1828	1/8	Glass, Robert D.	Sold	Rye Flour			30.118	118	
1828	1/8	Hartman, Daniel	Sold	Wheat		76	77.16	92	Yes
1828	1/9	Gray, William	Sold	Wheat		26	25.25	101	No
1828	1/9	Hartman, Daniel	Sold	Wheat		60	61.45	92	Yes
1828	1/10	Hartman, Daniel	Sold	Wheat		35.5	36.5	92	Yes
1828	1/10	Hartman, Daniel	Sold	Wheat		26	23.24	92	Yes
1828	1/13	Lin, Daniel	Sold	Wheat		23.25	23.45	105	
1828	1/17	Lin, Daniel	Sold	Flour			4.175	105	
1828	1/20	Bell, John ?	Sold	Rye		45.75	20.5875	113	
1828	1/21	Baker, Isaac	Sold	Wheat		43.5	36.17	44	Yes
1828	1/21	Miller, John & Abraham	Sold	Wheat		32	30.3	45	
1828	1/26	Brown, William H.	Sold	Rye		27	12.15	95	No
1828	1/29	Miller, John & Abraham	Sold	Wheat		23.5	23.53	45	
1828	1/31	Bell, John ?	Sold	Rye		45	20.25	113	
1828	1/31	Hollingsworth, Samuel	Sold	Corn		5	2.1	115	
1828	2/4	Hollingsworth, Samuel	Sold	Corn		3	1.26	115	
1828	2/6	Baker, Isaac	Sold	Wheat		52	43.4	44	Yes
1828	2/8	Brown, William H.	Sold	Wheat		19.125	19.45	124	No
1828	2/8	Copenhaven, John	Sold	Rye		1	0.45	32	Yes
1828	2/9	Baker, Isaac	Sold	Wheat		25	16.42	44	Yes
1828	2/10	Baker, Isaac	Sold	Wheat		16.25	14.6	44	Yes
1828	2/12	Hollingsworth, Samuel	Sold	Corn		2.5	1.05	115	
1828	2/13	Singhafs, Michael	Sold	Wheat		43.5	21.75	25	
1828	2/15	Copenhaven, John	Sold	Cornmeal			1.17	32	Yes
1828	2/19	Dooly, Micajah	Sold	Rye				40	Yes
1828	2/19	Hollingsworth, Samuel	Sold	Corn		1.5	0.63	115	
1828	2/19	Hollingsworth, Samuel	Sold	Corn		1.5	0.63	115	
1828	2/19	Macky, Catharine	Sold	Wheat		61	62	111	Yes
1828	2/19	Singhafs, Michael	Sold	Wheat		32	16	25	
1828	2/24	Shultz, Frederick	Sold	Wheat			26.02	121	
1828	2/25	Miller, John & Abraham	Sold	Rye		35	15.75	45	

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1828	2/25	Singhafs, Michael	Sold	Flour			8.12	25	
1828	2/26	Bell, John ?	Sold	Wheat		35.75	34.46	113	
1828	2/27	Gray, William	Sold	Rye		28.5	12.825	101	No
1828	3/8	Brown, William H.	Sold	Wheat		40.5	40.3	124	No
1828	3/10	Bell, John ?	Sold	Wheat		43.75	43.45	113	
1828	3/10	Dooly, Micajah	Sold	Rye		30	13.5	40	Yes
1828	3/14	Holliday, William D.	Sold	Wheat		52	52	123	Yes
1828	3/21	Copenhaven, John	Sold	Flour			2.5	32	Yes
1828	3/27	Copenhaven, John	Sold	Cornmeal		2	1	32	Yes
1828	3/28	Lin, Daniel	Sold	Wheat			49.1	105	
1828	3/29	Shultz, Frederick	Sold	Wheat			15.3	121	
1828	4/5	Lin, Daniel	Sold	Flour			10.135	105	
1828	4/5	Shultz, Frederick	Sold	Wheat			2	121	
1828	4/18	Shultz, Frederick	Sold	Rye		21.5	9.675	121	
1828	4/24	Holliday, William D.	Sold	Rye		2.75	1.2375	123	Yes
1828	4/25	Miller, Peter	Sold	Flour	1		4.5	36	Yes
1828	4/26	Bell, John ?	Sold	Flour			12.156	125	
1828	5/7	Shultz, Frederick	Sold	Rye		39.5	17.775	121	
1828	5/14	Lin, Daniel	Sold	Wheat		34.5	34.25	105	
1828	5/27	Lin, Daniel	Sold	Flour			7.2	105	
1828	6/4	Bell, John ?	Sold	Rye		52.5	23.625	125	
1828	6/4	Shultz, Frederick	Sold	Flour			2	121	
1828	6/15	Lin, Daniel	Sold	Wheat		23	23	105	
1828	6/16	Hartman, Daniel	Sold	Flour		400	260	92	Yes
1828	6/19	Singhafs, Michael	Sold	Wheat		1.5	0.75	25	
1828	6/25	Lupton, Joshua	Sold	Flour			1.1	130	No
1828	6/28	Cramer, Thomas	Sold	Flour	0.5		2.125	57	Yes
1828	6/28	Lin, Daniel	Sold	Flour			4.1	105	
1828	7/1	Holliday, William	Sold	Wheat		40.5	40.3	129	
1828	7/19	Bell, John ?	Sold	Flour				125	
1828	7/22	Lin, Daniel	Sold	Wheat		4.75	3.33	133	
1828	7/22	Miller, Peter	Sold	Cornmeal		0.5	0.25	36	Yes
1828	7/29	Baker, Isaac	Sold	Wheat			85.27	44	Yes
1828	7/30	Baker, Isaac	Sold	Wheat			19.55	44	Yes
1828	8/3	Miller, Peter	Sold	Cornmeal		0.5	0.25	36	Yes
1828	8/7	Bell, John ?	Sold	Wheat		98.75	95.29	125	
1828	8/11	Neill, Lewis	Sold	Rye		37.125	16.7	119	No
1828	8/13	Gray, Anin	Sold	Corn		18.5	7.77	108	
1828	8/14	Bell, John ?	Sold	Flour			18.151	125	
1828	8/18	Shultz, Frederick	Sold	Rye		45	20.25	121	
1828	8/22	Holliday, William D.	Sold	Corn		30	12.6	123	Yes
1828	8/24	Brown, William H.	Sold	Wheat		28.75	25	124	No

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1828	8/26	Brown, William H.	Sold	Wheat		21.25	18.24	124	No
1828	8/27	Shultz, Frederick	Sold	Wheat			11.5	121	
1828	8/28	Lin, Daniel	Sold	Flour			0.9	133	
1828	8/29	Holliday, William D.	Sold	Wheat		42.5	42.26	123	Yes
1828	9/4	Brown, William H.	Sold	Wheat		8.8	8.2	124	No
1828	9/5	Holliday, William D.	Sold	Wheat		32.5	32.29	123	Yes
1828	9/5	Holliday, William D.	Sold	Wheat			40.5	123	Yes
1828	9/5	Holliday, William D.	Sold	Wheat			34	123	Yes
1828	9/8	Glass, Robert D.	Sold	Wheat		94	95.5	118	
1828	9/9	Glass, Robert D.	Sold	Wheat		46	44.28	118	
1828	9/9	Glass, Robert D.	Sold	Wheat		46.125	40	118	
1828	9/12	Brown, William H.	Sold	Flour			9.106	124	No
1828	9/15	Lin, Daniel	Sold	Wheat		48	31.18	133	
1828	9/18	Glass, Robert D.	Sold	Flour			18.5	118	
1828	9/18	Richardson, John	Sold	Corn		50	21	52	
1828	9/20	Carson, Simon	Sold	Wheat		70	53.125	9	Yes
1828	9/23	Carson, Simon	Sold	Wheat		72	54.625	9	Yes
1828	9/24	Brome, John M.	Sold	Wheat		24.9	18.817	54	Yes
1828	9/24	Carson, Simon	Sold	Wheat		56	42.32	9	Yes
1828	9/24	Carson, Simon	Sold	Wheat		6	6.4	9	Yes
1828	9/26	Copenhaven, John	Sold	Flour			2.52	32	Yes
1828	10/1	Holliday, William	Sold	Wheat			25	129	
1828	10/7	Thomas, Townson W.	Sold	Wheat		13.75	7.5625	26	
1828	10/8	Holliday, William D.	Sold	Wheat			25	123	Yes
1828	10/10	Holliday, William	Sold	Wheat			34.48	129	
1828	10/11	Shultz, Frederick	Sold	Rye		16.5	8.25	136	
1828	10/13	Miller, Peter	Sold	Cornmeal		0.5	0.25	36	Yes
1828	10/15	Lupton, Amos	Sold	Rye		8	4	116	
1828	10/16	Thomas, Townson W.	Sold	Wheat		14.75	8.1125	26	
1828	10/18	Boak, John	Sold	Wheat		21	15.2	64	
1828	10/18	Brown, William H.	Sold	Wheat			2.2	124	No
1828	10/18	Holliday, William	Sold	Wheat			31.45	129	
1828	10/20	Bell, John ?	Sold	Wheat		16.5	14.38	134	
1828	10/23	Boak, John	Sold	Wheat			2.25	64	
1828	10/24	Baker, Isaac	Sold	Rye		5.25	2.625	44	Yes
1828	10/24	Holliday, William	Sold	Wheat			47	129	
1828	10/25	Bell, John ?	Sold	Wheat		45	37.5	134	
1828	10/25	Glass, Robert D.	Sold	Flour			17	118	
1828	10/25	Richardson, John	Sold	Rye		11	5.5	52	
1828	10/25	Thomas, Townson W.	Sold	Wheat		18.25	10.0375	26	
1828	10/28	Bell, John ?	Sold	Wheat		28.25	21.42	134	
1828	10/30	Bell, John ?	Sold	Wheat		39	37.4	134	

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1828	10/31	Holliday, William D.	Sold	Wheat			15.25	123	Yes
1828	10/31	Holliday, William D.	Sold	Wheat			8.51	123	Yes
1828	10/31	Holliday, William D.	Sold	Wheat			37.24	123	Yes
1828	10/31	Shultz, Frederick	Sold	Rye		2.25	1.25	136	
1828	11/5	Holliday, William	Sold	Wheat			25.36	129	
1828	11/5	Holliday, William	Sold	Wheat			19.45	129	
1828	11/7	Bell, John ?	Sold	Flour			23.136	134	
1828	11/10	Holliday, William	Sold	Wheat			22.25	129	
1828	11/12	Glass, Robert D.	Sold	Wheat			48.28	118	
1828	11/13	Glass, Robert D.	Sold	Wheat			72.15	118	
1828	11/13	Holliday, William	Sold	Wheat			29.43	129	
1828	11/13	Holliday, William	Sold	Wheat			30.54	129	
1828	11/14	Baker, Isaac	Sold	Rye		23.5	11.75	44	Yes
1828	11/14	Baker, Isaac	Sold	Wheat		77.5	73.35	44	Yes
1828	11/15	Holliday, William D.	Sold	Wheat			14	123	Yes
1828	11/15	Thomas, Townson W.	Sold	Flour	7			26	
1828	11/17	Bell, John ?	Sold	Wheat		62.75	59.39	134	
1828	11/18	Holliday, William D.	Sold	Wheat			23	123	Yes
1828	11/19	Holliday, William	Sold	Wheat			19.2	129	
1828	11/25	Bell, John ?	Sold	Wheat		11	11.4	134	
1828	11/27	Baker, Isaac	Sold	Flour		16	10.4	44	Yes
1828	11/28	Holliday, William D.	Sold	Wheat			42.18	123	Yes
1828	11/28	Lin, Daniel	Sold	Wheat		37.75	31.44	133	
1828	12/1	Holliday, William D.	Sold	Wheat			42.13	123	Yes
1828	12/4	Bell, John ?	Sold	Rye		56.5	28.25	134	
1828	12/4	Holliday, William	Sold	Wheat		45	32.42	129	
1828	12/4	Lin, Daniel	Sold	Flour			5.114	133	
1828	12/10	Brown, William H.	Sold	Wheat		21.5	17.39	124	No
1828	12/12	Holliday, William D.	Sold	Wheat			39.2	123	Yes
1828	12/16	Brome, John M.	Sold	Wheat		19.4	15.69	54	Yes
1828	12/16	Holliday, William D.	Sold	Wheat			16.45	123	Yes
1828	12/16	Holliday, William D.	Sold	Wheat			16.22	123	Yes
1828	12/17	Brome, John M.	Sold	Wheat		21.25	20.867	54	Yes
1828	12/17	Brome, John M.	Sold	Wheat		31	30.4422	54	Yes
1828	12/17	Lupton, Joshua	Sold	Wheat		62.25	61.13	130	No
1828	12/19	?anhon, Elizabeth	Sold	Corn		17.5	7.35	46	
1828	12/19	Brome, John M.	Sold	Wheat		14	13.748	54	Yes
1828	12/22	Shultz, Frederick	Sold	Rye		31	15.5	136	
1828	12/23	Sheckels, Edward	Sold	Corn		1	0.42	18	
1828	12/24	Miller, Peter	Sold	Flour			0.5	36	Yes
1828	12/27	Shultz, Frederick	Sold	Wheat		19	15.19	136	
1828	12/31	Bell, John ?	Sold	Wheat		43	41.34	139	

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1828	2/1	Hollingsworth, Samuel	Sold	Corn		2	2	115	
1828	2/1	Shultz, Frederick	Sold	Wheat			75.3	121	
1828	2/1	Singhafs, Michael	Sold	Flour			5.123	25	
1828		Miller, Peter	Sold	Flour	1		5	36	Yes
1829	1/5	Hartman, Daniel	Sold	Wheat		61	44.36	92	Yes
1829	1/9	Sheckels, Edward	Sold	Flour			1.12	18	
1829	1/11	Lin, Daniel	Sold	Flour			2	158	
1829	1/14	Lin, Daniel	Sold	Flour			10	158	
1829	1/15	Bell, John ?	Sold	Wheat		48	45.43	139	
1829	1/16	Bell, John ?	Sold	Flour			8.61	139	
1829	1/16	Holliday, William	Sold	Wheat		27.6	21.16	129	
1829	1/19	Hartman, Daniel	Sold	Wheat		53	36.24	92	Yes
1829	1/19	Hartman, Daniel	Sold	Wheat		6	3.24	92	Yes
1829	1/22	Lupton, Joshua	Sold	Flour			47.108	130	No
1829	1/23	Shultz, Frederick	Sold	Rye		23.5	11.75	136	
1829	1/29	Singhafs, Michael	Sold	Flour			21.91	25	
1829	1/31	Glass, Robert D.	Sold	Rye		55.5	27.75	140	
1829	2/2	Hamaben?, Adam	Sold	Wheat		18.5	17.3	41	
1829	2/3	Holliday, William D.	Sold	Wheat		9	8.42	145	Yes
1829	2/4	Lupton, Amos	Sold	Wheat			57	116	
1829	2/9	Miller, J.S.	Sold	Wheat		72	55.1	131	
1829	2/10	Lin, Daniel	Sold	Wheat		44.5	37.7	133	
1829	2/13	Bell, John ?	Sold	Flour			8.112	139	
1829	2/13	Holliday, William	Sold	Wheat		49.3	39.32	129	
1829	2/14	Lin, Daniel	Sold	Flour			7.8	133	
1829	2/19	Holliday, William D.	Sold	Wheat		41.5	41	145	Yes
1829	2/19	Shultz, Frederick	Sold	Wheat		18.75	16.18	136	
1829	2/20	?anhon, Elizabeth	Sold	Rye		56	25.76	46	
1829	2/24	?anhon, Elizabeth	Sold	Rye		2	0.92	46	
1829	2/26	Holliday, William D.	Sold	Corn		10	5	145	Yes
1829	2/26	Shultz, Frederick	Sold	Flour			6.115	136	
1829	2/27	Hamaben?, Adam	Sold	Flour			2.825	41	
1829	2/27	Hamaben?, Adam	Sold	Wheat		23	22.722	41	
1829	3/9	Baker, Isaac	Sold	Corn		100	50	44	Yes
1829	3/12	Lupton, Amos	Sold	Wheat			43.3	116	
1829	3/12	Neill, Lewis	Sold	Wheat		56	57.8	119	No
1829	3/12	Neill, Lewis	Sold	Wheat		44	39.36	119	No
1829	3/12	Shultz, Frederick	Sold	Wheat		41.5	36.08	136	
1829	3/13	Hamaben?, Adam	Sold	Flour			1.3	41	
1829	3/14	Lupton, Amos	Sold	Wheat			23.3	116	
1829	3/16	Bell, John ?	Sold	Rye		73	33.58	150	
1829	3/16	Hartman, Daniel	Sold	Flour			10	149	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1829	3/18	Bell, John ?	Sold	Rye		24	12	139	
1829	3/20	Bell, John ?	Sold	Wheat		5	5.16	150	
1829	3/20	Neill, Lewis	Sold	Corn		15.75	7.875	119	No
1829	3/26	Lupton, Joshua	Sold	Wheat			78.16	154	No
1829	3/28	Glass, Robert D.	Sold	Rye		40	20	140	
1829	3/28	Gray, Anin	Sold	Rye		6	3	108	
1829	3/31	Neill, Lewis	Sold	Flour			19.37	119	No
1829	4/5	Lupton, Amos	Sold	Flour			14	116	
1829	4/7	Bell, John ?	Sold	Flour			1.15	150	
1829	4/10	Copenhaven, John	Sold	Flour			2.66	32	Yes
1829	4/11	Brown, William H.	Sold	Rye		16.25	8.125	124	No
1829	4/16	Neill, Lewis	Sold	Rye		40.5	20.25	119	No
1829	4/17	Copenhaven, John	Sold	Cornmeal		2.5	1.25	32	Yes
1829	4/25	Cramer, Thomas	Sold	Corn		2.5	1.25	57	Yes
1829	5/2	Holliday, William D.	Sold	Flour			1	145	Yes
1829	5/8	Lin, Daniel	Sold	Wheat		54	46.42	133	
1829	5/9	Lin, Daniel	Sold	Wheat		97	87.15	133	
1829	5/9	Lin, Daniel	Sold	Wheat		56	54.06	133	
1829	5/9	Lin, Daniel	Sold	Wheat		56	50.21	133	
1829	5/9	Lin, Daniel	Sold	Wheat		57	54.06	133	
1829	5/9	Lin, Daniel	Sold	Wheat		50	48.18	133	
1829	5/15	Lin, Daniel	Sold	Wheat		10	9	133	
1829	5/18	Baker, Isaac	Sold	Flour	13			44	Yes
1829	5/25	Lin, Daniel	Sold	Wheat		151.75	146.42	133	
1829	5/26	Bird, Richard E.	Sold	Wheat		31.6	30	143	
1829	5/29	Shultz, Frederick	Sold	Rye		5	2.5	150	
1829	6/5	Lupton, Amos	Sold	Wheat			48	153	
1829	6/17	Lupton, Amos	Sold	Flour			4.9	116	
1829	6/25	Neill, Lewis	Sold	Rye		50.5	25.25	158	No
1829	7/2	Brown, William H.	Sold	Wheat		44.5	45.14	124	No
1829	7/10	Shultz, Frederick	Sold	Wheat			31.2	150	
1829	7/16	Baker, Isaac	Sold	Wheat		37.75	29	44	Yes
1829	7/16	Lin, Daniel	Sold	Wheat			7	158	
1829	7/18	Baker, Isaac	Sold	Wheat		45	34.08	44	Yes
1829	7/19	Brown, William H.	Sold	Wheat		25	25.5	124	No
1829	7/24	Shultz, Frederick	Sold	Wheat		21	20.16	150	
1829	7/27	Shultz, Frederick	Sold	Rye		26.75	13.375	150	
1829	7/28	Lupton, Amos	Sold	Wheat			37.52	153	
1829	7/31	Gray, Anin	Sold	Wheat		19.75	17.809	108	
1829	7/31	Shultz, Frederick	Sold	Flour			5.94	150	
1829	8/2	Hamaben?, Adam	Sold	Flour			2.5	41	
1829	8/15	Shultz, Frederick	Sold	Wheat		29	26.15	150	

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1829	8/19	Cramer, Thomas	Sold	Cornmeal		1.5	0.75	57	Yes
1829	8/26	Cramer, Thomas	Sold	Cornmeal		2	1	57	Yes
1829	8/26	Lupton, Amos	Sold	Wheat			4.08	116	
1829	8/29	Shultz, Frederick	Sold	Wheat		3	2.32	150	
1829	9/9	Neill, Lewis	Sold	Rye		10.5	5.25	158	No
1829	9/9	Shultz, Frederick	Sold	Wheat		18	12	150	
1829	9/26	Holliday, William D.	Sold	Wheat		8	5.333	145	Yes
1829	10/1	Lupton, Joshua	Sold	Wheat			10	154	No
1829	10/5	Macky, Catharine	Sold	Wheat		10	6.666	111	Yes
1829	10/10	Bell, John ?	Sold	Wheat		18.75	12.469	156	
1829	10/10	Bell, John ?	Sold	Wheat		9.5	6.3327	156	
1829	10/21	Holliday, William D.	Sold	Wheat			55.45	145	Yes
1829	10/31	Gray, William	Sold	Wheat			104	101	No
1829	11/1	Lin, Daniel	Sold	Wheat			87	158	
1829	11/5	Lee, Daniel	Sold	Wheat		20.75	13.833	157	
1829	11/19	Lee, Daniel	Sold	Flour			4.5	157	
1829	11/26	Bell, John ?	Sold	Wheat			34.25	156	
1829	11/26	Holliday, William D.	Sold	Wheat			57.57	145	Yes
1829	11/26	Holliday, William D.	Sold	Wheat			29.57	145	Yes
1829	11/27	Holliday, William D.	Sold	Wheat			45.45	145	Yes
1829	12/5	Hamaben?, Adam	Sold	Flour			2.5	41	
1829	12/5	Lupton, Joshua	Sold	Rye		2	1	154	No
1829	12/12	Holliday, William D.	Sold	Wheat			31.05	145	Yes
1829	12/12	Holliday, William D.	Sold	Wheat			42.42	145	Yes
1829	12/15	Holliday, William D.	Sold	Wheat			26.3	145	Yes
1829	12/21	Gray, William	Sold	Rye		67	33.5	101	No
1829	12/23	Holliday, William D.	Sold	Wheat			17.11	145	Yes
1829		Brown, William H.	Sold	Wheat		32.5	33.2	124	No
1829		Singhafs, Michael	Sold	Wheat		31		147	
1830	1/14	Bell, John ?	Sold	Flour			6.165	156	
1830	1/19	Holliday, William D.	Sold	Wheat			4.5	145	Yes
1830	1/25	Neill, Lewis	Sold	Wheat			50	158	No
1830	1/26	Neill, Lewis	Sold	Wheat			50	158	No
1830	1/29	Aulick, Frederick	Sold	Flour	2		9	160	Yes
1830	1/30	Lin, Daniel	Sold	Wheat			53	158	
1830	1/30	Neill, Lewis	Sold	Wheat			48.5	158	No
1830	2/3	Bell, John ?	Sold	Wheat		40	40.6	156	
1830	2/3	Lupton, Joshua	Sold	Rye		15.5	7.75	154	No
1830	2/12	Lupton, Joshua	Sold	Wheat		77	78.17	154	No
1830	2/18	Glass, Robert D.	Sold	Wheat			73.51	140	
1830	2/18	Lin, Daniel	Sold	Wheat		68.5	69.38	158	
1830	2/22	Lupton, Joshua	Sold	Wheat		63	65.06	154	No

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1830	2/26	Lin, Daniel	Sold	Wheat			68.3	158	
1830	2/27	Lupton, Joshua	Sold	Wheat		80	82.4	154	No
1830	3/9	Lupton, Joshua	Sold	Wheat		61	62.01	154	No
1830	3/9	Shultz, Frederick	Sold	Wheat			55.15	150	
1830	3/10	Lupton, Joshua	Sold	Wheat		61.5	62.01	154	No
1830	3/17	Shultz, Frederick	Sold	Wheat			39.14	150	
1830	3/19	Hamaben?, Adam	Sold	Rye		3.5	1.75	41	
1830	3/19	Lupton, Joshua	Sold	Wheat		54	56.33	154	No
1830	3/21	Brown, William H.	Sold	Rye		7	3.5	124	No
1830	3/24	Lupton, Joshua	Sold	Wheat		75.8	77	154	No
1830	3/31	Lupton, Joshua	Sold	Wheat		42.5	74.16	154	No
1830	4/1	Holliday, William D.	Sold	Wheat			24.38	47	Yes
1830	5/2	Lupton, Jonah	Sold	Wheat		51	51.51	51	No
1830	5/2	Lupton, Jonah	Sold	Wheat		52.25	53.7	51	No
1830	5/18	Lupton, Joshua	Sold	Wheat		45	46.24	154	No
1830	5/22	Glass, Robert D.	Sold	Flour			15	140	
1830	6/10	Cramer, Thomas	Sold	Cornmeal		2.5	1.25	57	Yes
1830	6/19	Cramer, Thomas	Sold	Cornmeal		2	1	57	Yes
1830	6/19	Cramer, Thomas	Sold	Flour	16		68.275	57	Yes
1830	6/30	Cramer, Thomas	Sold	Cornmeal		2	1	57	Yes
1830	7/7	Cramer, Thomas	Sold	Cornmeal	2			57	Yes
1830	7/7	Cramer, Thomas	Sold	Flour	1			57	Yes
1830	7/10	Lindsey, Lewis	Sold	Wheat			49.49	164	
1830	7/10	Lindsey, Lewis	Sold	Wheat			50.2	164	
1830	7/10	Lindsey, Lewis	Sold	Wheat			36.1	164	
1830	7/10	Lindsey, Lewis	Sold	Wheat			37.4	164	
1830	7/21	Wall, John	Sold	Wheat		21	21.21	162	
1830	7/24	Cramer, Thomas	Sold	Cornmeal		1	0.5	57	Yes
1830	7/25	Hollingsworth, Abraham	Sold	Rye		9.5	4.75	146	
1830	7/28	Hartman, Daniel	Sold	Wheat		34	34.34	149	Yes
1830	7/29	Hartman, Daniel	Sold	Wheat		26.8	27.16	149	Yes
1830	8/13	Lee, Daniel	Sold	Wheat		22	22.29	157	
1830	8/20	Lindsey, Lewis	Sold	Wheat			35.23	164	
1830	8/20	Lindsey, Lewis	Sold	Wheat			70.3	164	
1830	8/25	Dooly, Micajah	Sold	Wheat		8.25	8.36	162	Yes
1831	2/8	Hamaben?, Adam	Sold	Wheat		7	5.6	41	
1831	3/9	Cramer, Thomas	Sold	Flour	2		9	57	Yes
1831	4/3	Cramer, Thomas	Sold	Flour	1		4.5	57	Yes
1831	4/17	Cramer, Thomas	Sold	Flour	1		4	57	Yes
1831	7/6	Hamaben?, Adam	Sold	Flour			3.625	41	
1831	9/14	Holliday, William D.	Sold	Corn		2.5	1.25	47	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1831	9/14	Holliday, William D.	Sold	Flour	1		4.5	47	Yes
1831	9/14	Holliday, William D.	Sold	Rye		1	0.5	47	Yes
1831	9/17	Hartman, Daniel	Sold	Wheat		31.5	25.2	149	Yes
1832	5/2	Miller, Peter	Sold	Flour			0.5	36	Yes
1833	2/19	Hamaben?, Adam	Sold	Flour			4.9		
1834	7/19	Miller, Peter	Sold	Flour			1	36	Yes
1834	7/29	Miller, Peter	Sold	Flour			1	36	Yes
1834	8/6	Miller, Peter	Sold	Flour			1	36	Yes
1834	8/15	Miller, Peter	Sold	Flour			1.25	36	Yes
1834	8/23	Miller, Peter	Sold	Flour	1		5	36	Yes
1834	8/23	Miller, Peter	Sold	Flour			1	36	Yes
1834	9/4	Miller, Peter	Sold	Flour			1.25	36	Yes
1834	9/17	Miller, Peter	Sold	Flour			1.25	36	Yes
1834	9/17	Miller, Peter	Sold	Flour			1.5	36	Yes
1834	9/29	Miller, Peter	Sold	Flour			1.5	36	Yes
1834	10/31	Miller, Peter	Sold	Flour			1	36	Yes
1834	11/7	Miller, Peter	Sold	Flour			1	36	Yes
1835	1/24	Slackhorn, James	Sold	Flour	1		5	43	

Table 5: Transcribed entries from Spring Mill, 1843

This table contains all the transcribed entries for the sale of corn, oats, rye, wheat, and flour at Spring Mill in 1843 (Spring Mill 1847). Not all entries contained the amount of grain/flour and the dollar value of the grain/flour. However, when the price per bushel could be reasonably established from the surrounding entries it was included in the Dollar column. The enslaver column is for accounts that could be cross-referenced to the 1840 Federal Census. Those listed as enslaving adult women and men are listed as enslavers and those not enslaving adult women and men are listed as not being enslavers. No account belonged to a person who only enslaved children. Accounts with no data in this column could not be cross-referenced to the census. This data was used to determine the relative amount of grain/flour sold by enslavers and non-enslavers in 1843. However, since these have not been cross-referenced with tax records, they cannot provide an in-depth understanding of these trends.

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1843	3-Jan	Adams, Thomas	Sold	Wheat		40	26.17	2	
1843	3-Jan	Lupton, Amos	Sold	Wheat		42		3	
1843	3-Jan	McCormick, Ottray	Sold	Wheat		49		2	Yes
1843	3-Jan	McCormick, Ottray	Sold	Wheat		49		2	Yes
1843	7-Jan	Lupton, Amos	Sold	Wheat		54		3	
1843	7-Jan	Lupton, Amos	Sold	Wheat		35		3	
1843	9-Jan	Glass, James V.	Sold	Wheat		64		1	Yes
1843	9-Jan	Smith, William	Sold	Wheat		71		3	Yes
1843	10-Jan	Lee, Hugh H.	Sold	Wheat		95		3	
1843	10-Jan	Smith, William	Sold	Wheat		61		3	Yes
1843	10-Jan	Stine, Benjamin	Sold	Wheat		12		4	No
1843	11-Jan	Glass, James V.	Sold	Wheat		57		1	Yes
1843	19-Jan	Bush, William	Sold	Corn		10	15	5	No
1843	20-Jan	Page, John	Sold	Wheat		54		5	Yes
1843	21-Jan	Burwell, Nathaniel	Sold	Wheat		39		6	Yes
1843	23-Jan	Glaize, Sampson	Sold	Wheat		44		4	No
1843	24-Jan	Glaize, Sampson	Sold	Wheat		40		5	No
1843	25-Jan	Glaize, Sampson	Sold	Wheat		25		5	No
1843	25-Jan	Glaize, Sampson	Sold	Wheat		5		5	No
1843	26-Jan	Sheckels, Edward	Sold	Corn		10	15	6	
1843	26-Jan	Stine, Benjamin	Sold	Wheat		2		4	No
1843	2-Feb	McCormick, Ottray	Sold	Wheat		26		8	Yes
1843	2-Feb	McCormick, Ottray	Sold	Wheat		19		8	Yes
1843	3-Feb	Lupton, Amos	Sold	Wheat		61		8	
1843	4-Feb	Lovett, Jonathon	Sold	Wheat		34	20.45	8	No
1843	4-Feb	Lupton, Amos	Sold	Wheat		68		8	
1843	4-Feb	McCormick, Ottray	Sold	Wheat		44		8	Yes
1843	8-Feb	Stackhouse, James	Sold	Wheat		10		10	Yes
1843	9-Feb	McCormick, Ottray	Sold	Wheat		45		8	Yes
1843	11-Feb	McCormick, Ottray	Sold	Wheat		44		8	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1843	13-Feb	Rutter, Henry	Sold	Corn	10		12.5	10	No
1843	14-Feb	McCormick, Ottray	Sold	Wheat		39		8	Yes
1843	18-Feb	Pierce, John	Sold	Wheat		54		11	
1843	21-Feb	Pierce, John	Sold	Wheat		59		11	
1843	22-Feb	Lupton, Amos	Sold	Wheat		85		12	
1843	22-Feb	Stine, Benjamin	Sold	Wheat		5		12	No
1843	24-Feb	McCormick, Ottray	Sold	Wheat		47		12	Yes
1843	24-Feb	Pierce, John	Sold	Wheat		31		12	
1843	24-Feb	Smith, William	Sold	Corn	10		12.5	13	Yes
1843	3-Mar	Pierce, John	Sold	Wheat		14		15	
1843	7-Mar	Bywaters, William	Sold	Wheat		7		16	Yes
1843	8-Mar	Baker, Robert	Sold	Wheat		4		17	Yes
1843	16-Mar	Colston, William	Sold	Wheat		20		19	Yes
1843	16-Mar	Glass, Robert D.	Sold	Wheat		40		19	Yes
1843	16-Mar	Lupton, Amos	Sold	Wheat		59		16	
1843	27-Mar	Lupton, Amos	Sold	Wheat		57		16	
1843	6-Apr	Knight, George	Sold	Wheat		46		23	Yes
1843	7-Apr	Harman, John	Sold	Wheat		19		22	
1843	7-Apr	Harman, John	Sold	Wheat		29		22	
1843	7-Apr	Knight, George	Sold	Wheat		25		23	Yes
1843	8-Apr	Stine, Benjamin	Sold	Wheat		9		24	No
1843	15-Apr	Glaize, Sampson	Sold	Wheat		58		25	No
1843	15-Apr	Lupton, John Sr.	Sold	Wheat		8		25	Yes
1843	15-Apr	Stine, Benjamin	Sold	Wheat		3		24	No
1843	20-Apr	Bryarly, James	Sold	Wheat		10		26	Yes
1843	21-Apr	Bush, William	Sold	Wheat		29		27	No
1843	22-Apr	Bush, William	Sold	Wheat		72		27	No
1843	24-Apr	Bush, William	Sold	Wheat		23		27	No
1843	9-May	Hall, James B.	Sold	Wheat		24		33	Yes
1843	30-May	McCormick, Ottray	Sold	Wheat		19		34	Yes
1843	2-Jun	Clopton, Frederick	Sold	Corn	15.5		19.375	38	Yes
1843	2-Jun	Light, William	Sold	Wheat		6		39	
1843	2-Jun	Taylor, John	Sold	Wheat		6		39	No
1843	2-Jun	Wright, Amos	Sold	Wheat		36		39	No
1843	5-Jun	Clopton, Frederick	Sold	Corn		38	15.2	38	Yes
1843	5-Jun	Harmon, John	Sold	Wheat		2		40	
1843	5-Jun	Jackson, Thomas	Sold	Corn		34	13.6	40	Yes
1843	6-Jun	Clopton, Frederick	Sold	Corn		34	15.2	38	Yes
1843	6-Jun	Clopton, Frederick	Sold	Corn		5	4	38	Yes
1843	19-Jun	Fawcett, Joseph	Sold	Wheat		31		43	
1843	5-Jul	Bywaters, William	Sold	Wheat		41		47	Yes
1843	5-Jul	Bywaters, William	Sold	Wheat		21		47	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1843	7-Jul	Bywaters, William	Sold	Wheat		68		47	Yes
1843	7-Jul	Sonres, Fielding	Sold	Wheat		1		48	
1843	10-Jul	Smith, William	Sold	Corn	5		6	50	Yes
1843	28-Jul	Miller, John	Sold	Wheat		24		52	
1843	28-Jul	Miller, John	Sold	Wheat		49		52	
1843	29-Jul	Miller, John	Sold	Wheat		51		52	
1843	8-Aug	Lupton, Nathaniel	Sold	Wheat		79		57	No
1843	9-Aug	Rust, Samuel	Sold	Wheat		78		57	
1843	15-Aug	Grove, Hiram	Sold	Wheat		17		58	No
1843	16-Aug	Smith, William	Sold	Wheat		46		58	Yes
1843	21-Aug	Lauck, Jacob	Sold	Wheat		14		59	No
1843	23-Aug	Campbell, James H.	Sold	Wheat		52		60	Yes
1843	23-Aug	Hartley, Samuel	Sold	Wheat		198		60	Yes
1843	24-Aug	Baker, William A.	Sold	Wheat		45		61	No
1843	24-Aug	Campbell, James H.	Sold	Wheat		49		60	Yes
1843	28-Aug	Bush, William	Sold	Wheat		107		53	No
1843	28-Aug	Miller, John	Sold	Wheat		133		61	
1843	29-Aug	Baker, William A.	Sold	Wheat		53		61	No
1843	30-Aug	Hartley, Samuel	Sold	Wheat		207		60	Yes
1843	31-Aug	Hartley, Samuel	Sold	Wheat		144		60	Yes
1843	31-Aug	Lupton, Jonah	Sold	Wheat		56		59	No
1843	1-Sep	Lupton, Jonah	Sold	Wheat		63		63	No
1843	1-Sep	Lupton, Nathaniel	Sold	Wheat		82		63	No
1843	1-Sep	Singhaase, Samuel	Sold	Wheat		18		63	
1843	1-Sep	Singhaase, Samuel	Sold	Wheat		21		63	
1843	1-Sep	Smith, William	Sold	Wheat		38		62	Yes
1843	2-Sep	Harmon, John	Sold	Wheat		45		64	
1843	2-Sep	Lupton, Nathaniel	Sold	Wheat		80		63	No
1843	2-Sep	Smith, William	Sold	Wheat		89		62	Yes
1843	4-Sep	Lupton, Nathaniel	Sold	Wheat		64		63	No
1843	4-Sep	Lupton, Nathaniel	Sold	Wheat		60		63	No
1843	6-Sep	Stine, Benjamin	Sold	Wheat		9		66	No
1843	6-Sep	Wood, William	Sold	Wheat		61		62	Yes
1843	7-Sep	Wood, William	Sold	Wheat		61		62	Yes
1843	8-Sep	Glaize, Sampson	Sold	Wheat		4		66	No
1843	8-Sep	Harmon, John	Sold	Wheat		27		64	
1843	8-Sep	Wood, William	Sold	Wheat		129		62	Yes
1843	9-Sep	Clopton, Frederick	Sold	Wheat		57		64	Yes
1843	9-Sep	Wood, William	Sold	Wheat		133		62	Yes
1843	12-Sep	Smith, William	Sold	Wheat		127		62	Yes
1843	12-Sep	Wood, William	Sold	Wheat		151		62	Yes
1843	13-Sep	Carson, Simon	Sold	Wheat		49		68	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1843	13-Sep	Clopton, Frederick	Sold	Wheat		53		64	Yes
1843	15-Sep	Carter, William A.	Sold	Wheat		171		68	Yes
1843	15-Sep	Smith, William	Sold	Wheat		103		62	Yes
1843	16-Sep	Clopton, Frederick	Sold	Wheat		58		64	Yes
1843	18-Sep	Lee, Hugh H.	Sold	Wheat		159		69	
1843	23-Sep	Lupton, Jonah	Sold	Wheat		55		63	No
1843	23-Sep	Wood, Jesse	Sold	Wheat		55		66	Yes
1843	25-Sep	Lupton, Jonah	Sold	Wheat		110		63	No
1843	27-Sep	Lupton, Jonah	Sold	Wheat		40		63	No
1843	27-Sep	Lupton, Jonah	Sold	Wheat		46		70	No
1843	28-Sep	Bush, William	Sold	Wheat		149		67	No
1843	28-Sep	Pierce, John	Sold	Wheat		62		66	
1843	2-Oct	Miller, John	Sold	Wheat		12		72	
1843	4-Oct	Hamilton, Mariam	Sold	Wheat		9		75	
1843	20-Oct	Carter, William A.	Sold	Wheat		90		77	Yes
1843	20-Oct	Pierce, John	Sold	Wheat		23		79	
1843	21-Oct	Carter, William A.	Sold	Wheat		100		77	Yes
1843	23-Oct	Carter, William A.	Sold	Wheat		106		77	Yes
1843	23-Oct	Pierce, John	Sold	Wheat		51		79	
1843	24-Oct	Carter, William A.	Sold	Wheat		106		77	Yes
1843	24-Oct	Pierce, John	Sold	Wheat		41		79	
1843	25-Oct	Carter, William A.	Sold	Wheat		107		77	Yes
1843	26-Oct	Carter, William A.	Sold	Wheat		195		77	Yes
1843	26-Oct	Hardy, Samuel	Sold	Wheat		17		79	
1843	26-Oct	Lupton, Nathaniel	Sold	Wheat		60		75	No
1843	27-Oct	Carter, William A.	Sold	Wheat		202		77	Yes
1843	27-Oct	Copenhaver, Michael	Sold	Wheat		19		80	Yes
1843	27-Oct	Pursell, John	Sold	Wheat		39		74	No
1843	27-Oct	Sheckels, Edward	Sold	Wheat		6		79	
1843	27-Oct	Triplett, Reuben	Sold	Wheat		49		72	Yes
1843	27-Oct	Wood, William	Sold	Wheat		11		79	Yes
1843	28-Oct	Carter, William A.	Sold	Wheat		206		77	Yes
1843	28-Oct	Pursell, John	Sold	Wheat		36		74	No
1843	28-Oct	Sheckels, Edward	Sold	Wheat		5		79	
1843	28-Oct	Triplett, Reuben	Sold	Wheat		59		72	Yes
1843	30-Oct	Carter, William A.	Sold	Wheat		206		77	Yes
1843	31-Oct	Bush, William	Sold	Wheat		2		76	No
1843	31-Oct	Carter, William A.	Sold	Wheat		203		77	Yes
1843	31-Oct	Lupton, John Sr.	Sold	Wheat		13		80	Yes
1843	31-Oct	Lupton, John Sr.	Sold	Wheat		19		80	Yes
1843	31-Oct	Rutter, Henry	Sold	Wheat		42		80	No
1843	1-Nov	Carter, William A.	Sold	Wheat		206		82	Yes

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1843	1-Nov	Rutter, Henry	Sold	Wheat		42		82	No
1843	2-Nov	Carter, William A.	Sold	Wheat		94		82	Yes
1843	2-Nov	Rutter, Henry	Sold	Wheat		85		82	No
1843	3-Nov	Rutter, Henry	Sold	Wheat		42		82	No
1843	4-Nov	Lupton, Jonah	Sold	Wheat		120		83	No
1843	4-Nov	Rutter, Henry	Sold	Wheat		43		82	No
1843	6-Nov	Lupton, Jonah	Sold	Wheat		123		83	No
1843	6-Nov	Lupton, Jonah	Sold	Wheat		63		83	No
1843	9-Nov	Wright, Amos	Sold	Wheat		61		85	No
1843	10-Nov	Tarender, Stacey	Sold	Wheat		15		85	
1843	13-Nov	Page, John	Sold	Wheat		85		85	Yes
1843	14-Nov	Page, John	Sold	Wheat		198		85	Yes
1843	14-Nov	Pierce, John	Sold	Wheat		49		86	
1843	15-Nov	Page, John	Sold	Wheat		173		85	Yes
1843	16-Nov	Bryarly, Samuel	Sold	Wheat		48		87	
1843	16-Nov	Carson, Simon	Sold	Wheat		48		87	Yes
1843	16-Nov	Pierce, John	Sold	Wheat		47		86	
1843	17-Nov	Page, John	Sold	Wheat		84		85	Yes
1843	17-Nov	Page, John	Sold	Wheat		81		85	Yes
1843	17-Nov	Pierce, John	Sold	Wheat		30		86	
1843	17-Nov	Smith, Jonathan	Sold	Wheat		9		82	Yes
1843	17-Nov	Wright, Amos	Sold	Wheat		63		87	No
1843	20-Nov	Burnell, P.C.L.	Sold	Wheat		64		87	
1843	20-Nov	Carter, William A.	Sold	Wheat		77		88	Yes
1843	21-Nov	Burnell, P.C.L.	Sold	Wheat		61		87	
1843	22-Nov	Burnell, P.C.L.	Sold	Wheat		75		87	
1843	22-Nov	McCormick, Ottray	Sold	Wheat		54		88	Yes
1843	23-Nov	Burnell, P.C.L.	Sold	Wheat		75		87	
1843	23-Nov	Glass, Robert D.	Sold	Wheat		84		88	Yes
1843	23-Nov	McCormick, Ottray	Sold	Wheat		62		88	Yes
1843	24-Nov	McCormick, Ottray	Sold	Wheat		70		88	Yes
1843	25-Nov	Burnell, P.C.L.	Sold	Wheat		76		87	
1843	27-Nov	McCormick, Ottray	Sold	Wheat		71		88	Yes
1843	27-Nov	McCormick, Ottray	Sold	Wheat		50		88	Yes
1843	28-Nov	McCormick, Ottray	Sold	Wheat		45		88	Yes
1843	30-Nov	Carson, Simon	Sold	Wheat		220		87	Yes
1843	2-Dec	Whiting, N.B.	Sold	Wheat		47		91	Yes
1843	6-Dec	Timberlake, James	Sold	Wheat		125		92	Yes
1843	9-Dec	Glass, Robert D.	Sold	Wheat		149		93	Yes
1843	9-Dec	Rutter, Henry	Sold	Wheat		43		93	No
1843	9-Dec	Timberlake, James	Sold	Wheat		129		92	Yes
1843	11-Dec	Van Reisen, John	Sold	Wheat		7		93	

Year	Day	Account	Action	Item	Barrel	Bushel	Dollars	Page	Enslaver
1843	12-Dec	Glass, James V.	Sold	Wheat		33		94	Yes
1843	12-Dec	Rutter, Henry	Sold	Wheat		115		93	No
1843	13-Dec	Kitchen, George	Sold	Wheat		31		94	Yes
1843	14-Dec	Page, John	Sold	Wheat		90		94	Yes
1843	14-Dec	Page, John	Sold	Wheat		76		94	Yes
1843	14-Dec	Rutter, Henry	Sold	Wheat		129		93	No
1843	15-Dec	Page, John	Sold	Wheat		85		94	Yes
1843	15-Dec	Rutter, Henry	Sold	Wheat		53		93	No
1843	15-Dec	Whiting, N.B.	Sold	Wheat		176		91	Yes
1843	16-Dec	Collins, Freeman?	Sold	Wheat		9		91	No
1843	16-Dec	Collins, Freeman?	Sold	Wheat		22		91	No
1843	16-Dec	Whiting, N.B.	Sold	Wheat		123		91	Yes
1843	18-Dec	Page, John	Sold	Wheat		77		94	Yes
1843	18-Dec	Whiting, N.B.	Sold	Wheat		194		91	Yes
1843	20-Dec	Whiting, N.B.	Sold	Wheat		64		91	Yes
1843	21-Dec	Bryarly, Samuel	Sold	Wheat		38		95	
1843	21-Dec	Glass, James V.	Sold	Wheat		14		94	Yes
1843	23-Dec	Rutter, Henry	Sold	Wheat		19		93	No
1843	29-Dec	Campbell, Robert M.	Sold	Wheat		10		96	Yes
1843	29-Dec	Glass, James V.	Sold	Wheat		53		94	Yes
1843	29-Dec	Lupton, Jonah	Sold	Wheat		2		96	No
1843	30-Dec	Glass, James V.	Sold	Wheat		54		94	Yes

Table 6: Number of issues per month from the *Farmers' Repository*, *Virginia Free Press and Farmers' Repository*, and *Virginia Free Press*

Number of issues from each newspaper from each month used to compile sale and hiring advertisements for the analysis presented in Chapter 5. All three papers were weekly.

Farmers' Repository												
Year	***January***	***February***	***March***	***April***	***May***	***June***	***July***	***August***	***September***	***October***	***November***	***December***
1808				5	4	4	5	4	5	4	4	5
1809	4	4	4	4	4	5	4	4	5	4	4	5
1810	4	4	4	4	4	5	4	5	4	4	5	4
1811	4	4	5	4	5	4	4	5	4	4	5	4
1812	5	4	2	4	5	4	5	4	4	5	4	4
1813	5	4	4	5	4	4	5	4	5	4	4	5
1814	4	4	5	4	4	5	4	3	4	4	4	5
1815	4	4	5	4	4	5	4	5	4	4	5	4
1816	4	5	4	4	5	4	5	4	4	5	4	4
1817	5	4	4	5	4	4	5	4	4	5	4	5
1818	4	4	4	5	4	4	5	4	5	4	4	5
1819	4	4	5	4	4	5	4	4	5	4	4	5
1820	4	4	4	4	5	4	4	5	4	4	5	4
Virginia Free Press & Farmers' Repository												
Year	***January***	***February***	***March***	***April***	***May***	***June***	***July***	***August***	***September***	***October***	***November***	***December***
1830	4	4	5	4	4	5	4	4	5	4	4	5
1831	4	4	5	4	4	5	4	4	5	4	4	5
1832	4	4	5	4	5	4	2					
Virginia Free Press												
Year	***January***	***February***	***March***	***April***	***May***	***June***	***July***	***August***	***September***	***October***	***November***	***December***
1832							2	5	4	4	5	4
1833	5	4	4	4	5	4	4	5	4	4	4	4
1834	5	4	4	4	5	4	5	4	4	5	4	4
1835	5	4	4	5	4	4	4	4	4	5	4	4
1836	4	4	5	4	4	4	4	3	5	4	4	4
1837	4	4	5	4	3	5	3	5	4	4	5	4
1838	4	4	5	4	5	4	4	5	4	4	5	4
1839	5	4	4	4	5	4	4	5	4	5	4	4
1840	5	4	4	5	4	4	5	4	4	5	4	5
1841	4	4	4	5	4	4	5	4	5	4	4	5

Table 7: Sale and hire advertisements in the *Farmers' Repository*, *Virginia Free Press and Farmers' Repository*, and *Virginia Free Press*

This table contains relevant data from the 595 sale and hiring advertisements placed in the three Charlestown, Virginia papers used to explore sale and hiring trends in the Valley. FR indicates *Farmers' Repository* (1809-1820), VFPFR indicates *Virginia Free Press & Farmers' Repository* (1830-1832), and VFP indicates *Virginia Free Press* (1832-1841). Deceased enslavers whose estate is advertising for the sale or hire of enslaved people are indicated by (dec) following the enslaver's name.

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1808	3-Nov	Jefferson	To Sell	Tate, Magnus			
FR	1808	8-Nov	Jefferson	To Sell	Collins, Christopher			
FR	1808	11-Nov	Jefferson	To Sell	Not Recorded			
FR	1808	2-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1808	2-Dec	Jefferson	To Sell	Baylor, Richard			
FR	1808	16-Dec	Jefferson	To Sell	Hensell, Lawrence			
FR	1808	16-Dec	Jefferson	To Sell	Flagg, Thomas			
FR	1808	16-Dec	Jefferson	To Sell	Lashells, Jehu [sic]			
FR	1809	13-Jan	Jefferson	To Sell	Not Recorded		Housework	
FR	1809	13-Jan	Jefferson	To Sell	Crane, Joseph			
FR	1809	24-Jan	Jefferson	Want to Hire In	Harding, William	Plantation Work		Spinner
FR	1809	3-Feb	Jefferson	To Sell	Hammond, Thomas			
FR	1809	24-Mar	Jefferson	To Sell	Flagg, Martha			
FR	1809	14-Apr	Jefferson	To Sell	Lucas, Edward			
FR	1809	21-Apr	Jefferson	To Sell	Gibbs, William			
FR	1809	9-May	Jefferson	To Sell	Perkins, H. Hymen		Washer / Ironer	Spinner
FR	1809	21-Jul	Jefferson	To Sell	Not Recorded			
FR	1809	15-Sep	Jefferson	To Sell	Not Recorded			
FR	1809	6-Oct	Jefferson	To Sell	Alexander, Gerard			
FR	1809	20-Oct	Jefferson	To Sell	Not Recorded			
FR	1809	10-Nov	Jefferson	To Sell	Fairfax, F.		Cook	Tradesmen
FR	1809	5-Dec	Jefferson	To Hire Out	Washington, George S. (dec)			
FR	1809	8-Dec	Jefferson	To Sell	J.S.			
FR	1809	8-Dec	Jefferson	To Sell	Grant, Edward			
FR	1809	11-Dec	Jefferson	To Hire Out	Fairfax, F.			
FR	1809	15-Dec	Jefferson	To Hire Out	Saunders, M.D.			
FR	1809	15-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1809	15-Dec	Jefferson	To Sell	Baylor, Richard			
FR	1810	2-Feb	Jefferson	To Hire Out	Downey, John	Farmer		House carpenter
FR	1810	9-Feb	Jefferson	To Hire Out	Saunders, Benjamin R.	Farmer	Housework	
FR	1810	16-Feb	Jefferson	To Sell	Gantt, H.			
FR	1810	23-Feb	Jefferson	To Sell	Wood, William (dec)			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1810	20-Mar	Jefferson	To Sell	Gibbs, William (dec)			
FR	1810	20-Mar	Jefferson	To Sell	Gibbs, William (dec)			
FR	1810	30-Mar	Jefferson	To Sell	Wager, Mersey		Housework	
FR	1810	30-Mar	Jefferson	To Sell	Taylor, Bennett	Farmer		
FR	1810	6-Apr	Jefferson	To Sell	Washington, Samuel			
FR	1810	4-May	Jefferson	To Sell	Not Recorded			
FR	1810	11-May	Jefferson	To Sell	Baylor, Richard			
FR	1810	18-May	Jefferson	To Hire Out	Baylor, Richard			
FR	1810	25-May	Jefferson	To Sell	Lyons, John			
FR	1810	22-Jun	Jefferson	To Sell	Downey, John		Housework	Wheelwright / Carpenter
FR	1810	22-Jun	Jefferson	To Sell	Dixon, John		Housework	
FR	1810	29-Jun	Jefferson	To Sell	Page, William Byrd			Blacksmith / Carpenter
FR	1810	29-Jun	Jefferson	To Sell	Washington, Samuel	Farmer		
FR	1810	20-Jul	Jefferson	To Sell	Not Recorded	Plantation Work	Housework	
FR	1810	20-Jul	Jefferson	To Sell	Not Recorded		Housework	
FR	1810	3-Aug	Jefferson	To Sell	Turner, H.S.			
FR	1810	14-Sep	Jefferson	To Sell	Not Recorded	Wagoner / Farmer	Waiter	
FR	1810	2-Nov	Jefferson	To Sell	Gibbs, William (dec)			
FR	1810	16-Nov	Jefferson	To Sell	Hite, George			
FR	1810	7-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1810	7-Dec	Jefferson	To Hire Out	Washington, Lucy			
FR	1810	7-Dec	Jefferson	To Hire Out	Whitting, Matthew			
FR	1810	14-Dec	Jefferson	To Sell	Briscoe, John (dec)			
FR	1810	28-Dec	Jefferson	To Sell	Not Recorded			
FR	1811	25-Jan	Jefferson	To Sell	Not Recorded			
FR	1811	8-Feb	Jefferson	To Sell	Yates, John			
FR	1811	15-Feb	Jefferson	To Sell	Haines, Henry			
FR	1811	1-Mar	Jefferson	To Sell	Haynie, John			
FR	1811	15-Mar	Jefferson	To Hire Out	Anderson, John		Housework	
FR	1811	15-Mar	Jefferson	To Sell	Anderson, John			
FR	1811	12-Apr	Jefferson	Want to Buy	Not Recorded	Wagoner / Farmer		
FR	1811	23-Aug	Jefferson	To Sell	Haynie, John			
FR	1811	1-Nov	Jefferson	To Sell	Humphreys, George			
FR	1811	6-Dec	Jefferson	To Hire Out	Baylor, Richard (dec)			
FR	1811	6-Dec	Jefferson	To Sell	Baylor, Richard (dec)			
FR	1811	13-Dec	Jefferson	To Sell	Hite, George		Housework	
FR	1811	27-Dec	Jefferson	To Sell	Haynie, John			
FR	1812	17-Jan	Jefferson	Want to Buy	Not Recorded			
FR	1812	28-Feb	Jefferson	To Sell	Not Recorded			Cobbler
FR	1812	27-Mar	Jefferson	To Sell	Not Recorded			Blacksmith
FR	1812	3-Apr	Jefferson	To Sell	Taylor, Levi (dec)			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1812	15-May	Jefferson	To Sell	Not Recorded			
FR	1812	31-Jul	Jefferson	To Sell	Not Recorded			
FR	1812	28-Aug	Jefferson	To Sell	Haines, Henry	Farmer	Waiter	
FR	1812	9-Oct	Jefferson	To Sell	Strider, Jacob (dec)			
FR	1812	9-Oct	Jefferson	To Sell	Unsled, John Jr.			
FR	1812	30-Oct	Jefferson	To Sell	Buckles, Daniel			
FR	1812	20-Nov	Jefferson	To Sell	Not Recorded		Housework	
FR	1812	27-Nov	Jefferson	To Sell	Not Recorded	Farmer		
FR	1812	28-Nov	Jefferson	To Sell	Wormley, Mary			
FR	1812	11-Dec	Jefferson	To Hire Out	Christin, Harriet (dec)		Housework	
FR	1812	11-Dec	Jefferson	To Sell	Gantt, Henry			
FR	1812	18-Dec	Jefferson	To Sell	Not Recorded	Farmer		
FR	1812	18-Dec	Jefferson	To Hire Out	Duffield, R,			
FR	1812	18-Dec	Jefferson	To Hire Out	Baylor, Richard (dec)			
FR	1812	25-Dec	Jefferson	To Hire Out	Fulton, James		Cook / Housework	Blacksmith
FR	1813	1-Jan	Jefferson	To Sell	Worthington, Robert			
FR	1813	15-Jan	Jefferson	To Sell	Downey, Edmund	Farmer		
FR	1813	22-Jan	Jefferson	To Sell	Kearsley, John	Farmer		
FR	1813	5-Feb	Jefferson	To Sell	Miller, Phillip (dec)			
FR	1813	19-Feb	Jefferson	To Sell	Not Recorded			
FR	1813	12-Mar	Jefferson	To Sell	Not Recorded		Cook / Washer	
FR	1813	28-May	Jefferson	To Sell	Not Recorded		Cook / Washer	
FR	1813	25-Jun	Jefferson	To Sell	Not Recorded	Farmer	Hostler	
FR	1813	1-Jul	Jefferson	To Sell	Not Recorded	Farmer	Hostler / Gardner	
FR	1813	9-Sep	Jefferson	To Sell	Worthington, Cookus & Co. Merchants			
FR	1813	21-Oct	Jefferson	To Sell	Breckenridge, Thomas	Plantation Work		
FR	1813	28-Oct	Jefferson	To Sell	Miller, Phillip (dec)			Blacksmith
FR	1813	16-Dec	Jefferson	To Hire Out	Lee, Robert C.		Cook	
FR	1813	16-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1813	23-Dec	Jefferson	To Hire Out	Henry, John B.			
FR	1813	23-Dec	Jefferson	To Hire Out	Reiley, Alexander			
FR	1814	21-Jan	Jefferson	To Sell	Not Recorded			
FR	1814	3-Feb	Jefferson	To Sell	Strider, Isaac (dec)			
FR	1814	17-Feb	Jefferson	To Sell	Gibbs, William (dec)			
FR	1814	24-Feb	Jefferson	To Sell	Not Recorded	Farmer		
FR	1814	17-Mar	Jefferson	To Sell	Not Recorded	Wagoner		Carpenter
FR	1814	24-Mar	Jefferson	To Sell	Perry, John		Housework	
FR	1814	23-Jun	Jefferson	To Sell	Not Recorded			
FR	1814	4-Aug	Jefferson	To Sell	Not Recorded			
FR	1814	11-Aug	Jefferson	To Sell	Lafferty, Thomas	Farmer	Housework	

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1814	18-Aug	Frederick	To Sell	Grant, Edward S.	Farmer	Housework	
FR	1814	27-Oct	Jefferson	To Sell	Davenport, Thomas (dec)			
FR	1814	27-Oct	Jefferson	To Sell	Grantham, Joseph (dec)			
FR	1814	8-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1814	17-Dec	Jefferson	To Sell	Grantham, Joseph (dec)			
FR	1814	22-Dec	Jefferson	To Sell	Taylor, James		Housework	
FR	1814	22-Dec	Jefferson	To Hire Out	Flood, William P., and Burwell, Bacon			
FR	1814	22-Dec	Jefferson	To Sell	Not Recorded			
FR	1815	19-Jan	Jefferson	To Sell	Reiley, Alexander			
FR	1815	23-Mar	Jefferson	To Hire Out	Davenport, John (dec)			
FR	1815	20-Apr	Jefferson	To Sell	Fry, John (dec)			
FR	1815	25-May	Jefferson	To Sell	Not Recorded		Cook / Washer	Spinner
FR	1815	15-Jun	Jefferson	To Sell	Verdier, James			
FR	1815	29-Jun	Jefferson	To Sell	Oram, Moses	Farmer	Carriage driver	
FR	1815	6-Jul	Jefferson	To Sell	Bell, Benjamin			
FR	1815	27-Jul	Jefferson	To Sell	Not Recorded		Housework	
FR	1815	27-Jul	Jefferson	To Sell	Not Recorded			
FR	1815	27-Jul	Jefferson	To Sell	Not Recorded			
FR	1815	27-Jul	Jefferson	Want to Hire In	Not Recorded			
FR	1815	10-Aug	Jefferson	Want to Hire In	Not Recorded			
FR	1815	17-Aug	Jefferson	To Sell	Not Recorded	Farmer	Housework	
FR	1815	29-Sep	Jefferson	To Sell	Sinclair, John			
FR	1815	12-Oct	Jefferson	To Sell	Breckenridge, Thomas			
FR	1815	12-Oct	Jefferson	To Sell	Hammond, Thomas			
FR	1815	30-Nov	Jefferson	To Hire Out	Cook, Giles (dec)			
FR	1815	7-Dec	Jefferson	To Sell	Flood, William P., and Burwell, Bacon		Housework	
FR	1815	7-Dec	Jefferson	To Hire Out	Flood, William P., and Burwell, Bacon			
FR	1815	12-Dec	Jefferson	To Hire Out	Flood, William P.			
FR	1815	12-Dec	Jefferson	To Sell	Strother, John			
FR	1815	12-Dec	Jefferson	To Sell	Flood, William P.			
FR	1815	14-Dec	Jefferson	To Sell	Not Recorded	Farmer	Housework	
FR	1815	14-Dec	Jefferson	To Hire Out	Taylor, Bushrod (dec)			
FR	1815	14-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1815	28-Dec	Jefferson	To Hire Out	Turner, Henry St. George.		Housework	Spinner
FR	1815	28-Dec	Jefferson	To Sell	Walraven, Jonas (dec)			
FR	1816	4-Jan	Jefferson	To Sell	Not Recorded	Farmer		Cobbler
FR	1816	11-Jan	Jefferson	To Sell	Not Recorded			
FR	1816	15-Feb	Jefferson	To Sell	Gibbs, Fanny	Farmer	Holster / Housework	

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1816	22-Feb	Jefferson	To Sell	Not Recorded			
FR	1816	29-Feb	Jefferson	To Hire Out	Brown, William	Farmer	Housework	
FR	1816	7-Mar	Jefferson	To Sell	Not Recorded	Farmer	Housework	Spinner
FR	1816	7-Mar	Jefferson	To Sell	Anderson, John			
FR	1816	4-Apr	Jefferson	To Sell	Not Recorded			
FR	1816	17-Apr	Jefferson	To Sell	Garnhart, Henry	Farmer		Cobbler
FR	1816	24-Apr	Jefferson	To Hire Out	Osborn, William (dec)		Housework	
FR	1816	24-Apr	Jefferson	To Sell	Osborn, William (dec)			
FR	1816	3-Jul	Jefferson	To Sell	Fairfax, Elizabeth B.		Housework	
FR	1816	17-Jul	Jefferson	To Sell	Not Recorded		Housework	
FR	1816	21-Aug	Jefferson	Want to Buy	Nelson, John			
FR	1816	30-Oct	Jefferson	To Sell	Not Recorded			
FR	1816	13-Nov	Jefferson	To Sell	Frazier, Jonathan			
FR	1816	20-Nov	Jefferson	To Sell	Not Recorded			
FR	1816	4-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1816	4-Dec	Jefferson	To Hire Out	Manning, Jacob H. (dec)			
FR	1816	4-Dec	Jefferson	To Sell	Throckmorton, Robert			
FR	1816	4-Dec	Jefferson	To Sell	Packett, John			
FR	1816	18-Dec	Jefferson	To Hire Out	Burwell, Bacon			
FR	1816	18-Dec	Jefferson	To Hire Out	Hammond, Thomas			
FR	1816	18-Dec	Jefferson	To Sell	Hammond, Thomas			
FR	1817	22-Jan	Jefferson	To Sell	Turner, Henry St. Geroge.		Gardner	
FR	1817	22-Jan	Jefferson	To Sell	Not Recorded			
FR	1817	22-Jan	Jefferson	To Sell	Breckenridge, Thomas			
FR	1817	12-Feb	Jefferson	To Sell	Packett, John			
FR	1817	19-Feb	Jefferson	To Hire Out	Burwell, Bacon		Housework	
FR	1817	26-Feb	Jefferson	To Sell	Alexander, Jane and Alexander Sidney			
FR	1817	26-Feb	Jefferson	To Sell	Hite, George			
FR	1817	25-Jun	Jefferson	Want to Buy	Not Recorded		Washer / Chambermaid	
FR	1817	17-Sep	Jefferson	To Sell	Conner, Charles			
FR	1817	8-Oct	Jefferson	To Sell	Not Recorded		Housework	
FR	1817	29-Oct	Jefferson	To Sell	Not Recorded	Farmer		
FR	1817	5-Nov	Jefferson	To Sell	Lee, William			
FR	1817	19-Nov	Berkeley	To Sell	Pendleton, William (dec)			
FR	1817	3-Dec	Jefferson	To Sell	Not Recorded	Farmer		
FR	1817	3-Dec	Jefferson	To Hire Out	Not Recorded			
FR	1817	10-Dec	Jefferson	To Sell	Flood, William P.		Housework	
FR	1817	10-Dec	Jefferson	To Hire Out	Baylor, William(dec)			
FR	1817	10-Dec	Jefferson	To Hire Out	Flood, William P. and Bacon Burwell			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1817	10-Dec	Jefferson	To Hire Out	Whitting, Matthew			
FR	1817	17-Dec	Jefferson	To Hire Out	Manning, Jacob H. (dec)			
FR	1817	17-Dec	Jefferson	To Sell	Not Recorded			
FR	1817	21-Dec	Jefferson	To Sell	Murray, Cyrus W.			
FR	1817	24-Dec	Jefferson	To Hire Out	Flood, William P.			
FR	1817	24-Dec	Jefferson	To Sell	Minghini, Joseph			
FR	1817	31-Dec	Jefferson	To Hire Out	Beeler, B.K.			
FR	1818	14-Jan	Jefferson	To Hire Out	Burwell, Bacon			
FR	1818	16-Sep	Jefferson	To Sell	Beeler, Benjamin K.			
FR	1818	4-Nov	Berkeley	To Hire Out	Stephen, Adam			
FR	1818	2-Dec	Jefferson	To Sell	Not Recorded		Housework	
FR	1818	2-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1818	9-Dec	Jefferson	To Sell	Not Recorded	Farmer	Housework	
FR	1818	9-Dec	Jefferson	To Hire Out	Manning, Jacob H. (dec)			
FR	1818	16-Dec	Jefferson	To Hire Out	Flood, William P.			Carpenter
FR	1818	16-Dec	Jefferson	To Hire Out	Burwell, Bacon			
FR	1818	16-Dec	Jefferson	To Hire Out	Whitting, Matthew			
FR	1818	16-Dec	Jefferson	To Sell	Briscoe, John (dec)			
FR	1818	23-Dec	Jefferson	To Sell	Cromwell, Oliver		Housework	
FR	1818	30-Dec	Jefferson	To Sell	Not Recorded			
FR	1819	10-Feb	Jefferson	To Sell	Muse, Battalie			
FR	1819	5-May	Jefferson	To Sell	Partridge, Matthew			
FR	1819	23-Jun	Jefferson	To Sell	Not Recorded		Housework	
FR	1819	7-Aug	Jefferson	To Sell	Williams, Edward O.			
FR	1819	25-Aug	Jefferson	To Sell	Reiley, Alexander		Cook / Washer	
FR	1819	8-Dec	Jefferson	To Hire Out	Baylor, Richard			
FR	1819	8-Dec	Jefferson	To Hire Out	Briscoe, John (dec)			
FR	1819	15-Dec	Jefferson	To Hire Out	Manning, Mary			
FR	1819	15-Dec	Jefferson	To Hire Out	Burwell, Bacon			
FR	1819	15-Dec	Jefferson	To Sell	Burwell, Bacon			
FR	1819	22-Dec	Jefferson	To Hire Out	Flood, William P.			
FR	1819	22-Dec	Jefferson	To Sell	O'Loughlin, Dennis			
FR	1820	19-Jan	Jefferson	To Hire Out	Briscoe, Thomas	Farmer		Cobbler / Carpenter
FR	1820	1-Mar	Jefferson	To Sell	Partridge, Matthew			
FR	1820	8-Mar	Jefferson	To Sell	Russell, Samuel			
FR	1820	12-Apr	Jefferson	Want to Hire In	Not Recorded			
FR	1820	19-Apr	Jefferson	To Sell	Baker, Walter			
FR	1820	3-May	Jefferson	To Sell	Reiley, Alexander			
FR	1820	21-Jun	Jefferson	To Sell	Carlilie, John			
FR	1820	20-Aug	Jefferson	To Sell	Not Recorded			
FR	1820	11-Oct	Jefferson	To Sell	Not Recorded			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
FR	1820	22-Nov	Jefferson	To Sell	Not Recorded			
FR	1820	22-Nov	Jefferson	To Sell	Flood, William P.			
FR	1820	28-Nov	Jefferson	To Sell	Not Recorded	Wagoner / Farmer		
FR	1820	6-Dec	Jefferson	To Hire Out	Burwell, Bacon			
FR	1820	6-Dec	Jefferson	To Hire Out	Flood, William P.			
FR	1820	6-Dec	Jefferson	To Hire Out	Baylor, Richard G.			
FR	1820	6-Dec	Jefferson	To Hire Out	Slaughter, Smith			
FR	1820	13-Dec	Jefferson	To Hire Out	Manning, Mary			
FR	1820	13-Dec	Jefferson	To Hire Out	Briscoe, Thomas			
FR	1820	20-Dec	Jefferson	To Sell	Helm, Meredith (dec)			
VFPFR	1830	13-Jan	Jefferson	Want to Hire In	Not Recorded			
VFPFR	1830	27-Jan	Jefferson	Want to Hire In	Not Recorded		Nurse	
VFPFR	1830	27-Jan	Jefferson	To Sell	Not Recorded			
VFPFR	1830	24-Feb	Jefferson	To Sell	Hall, Hannah (dec)		Hostler / Gardner	
VFPFR	1830	24-Feb	Jefferson	To Hire Out	Dunn, Thomas B.			
VFPFR	1830	31-Mar	Jefferson	Want to Buy	Not Recorded		Hostler / Gardner	
VFPFR	1830	7-Apr	Jefferson	To Sell	Not Recorded		Housework	
VFPFR	1830	12-May	Jefferson	To Sell	Not Recorded		Cook / Washer	
VFPFR	1830	19-May	Jefferson	To Sell	Not Recorded			
VFPFR	1830	2-Jun	Jefferson	Want to Buy	Franklin, S.C., and Legg, E.P.			Mechanic
VFPFR	1830	29-Sep	Jefferson	To Sell	Not Recorded		Cook	
VFPFR	1830	20-Oct	Jefferson	To Sell	Not Recorded		Cook / Housework	
VFPFR	1830	20-Oct	Jefferson	To Sell	Moler, Sarah (dec)			
VFPFR	1830	10-Nov	Jefferson	Want to Hire In	Not Recorded		Cook / Washer	
VFPFR	1830	17-Nov	Jefferson	To Sell	O'Bannon, John (dec)			
VFPFR	1830	1-Dec	Jefferson	To Sell	Not Recorded		Housework	
VFPFR	1830	1-Dec	Jefferson	To Hire Out	Baylor, Richard (dec)			
VFPFR	1830	8-Dec	Jefferson	To Hire Out	Gilbert, Jacob			
VFPFR	1830	8-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFPFR	1830	15-Dec	Jefferson	To Hire Out	Beeler, B. (dec)			
VFPFR	1830	15-Dec	Jefferson	To Hire Out	Manning, Mary			
VFPFR	1830	15-Dec	Jefferson	Want to Hire In	Tuston, Septimus			
VFPFR	1830	22-Dec	Jefferson	To Hire Out	Davenport, Braxton			Cook / Washer
VFPFR	1830	22-Dec	Jefferson	To Sell	Brown, James			Blacksmith
VFPFR	1830	22-Dec	Jefferson	To Hire Out	Whiting, William R.			
VFPFR	1831	10-Feb	Jefferson	To Sell	Showalter, Isaac			
VFPFR	1831	17-Mar	Jefferson	To Sell	Forman, Jacob	Farmer	Cook / Washer	
VFPFR	1831	28-Apr	Jefferson	Want to Buy	Malon, G.W.			
VFPFR	1831	30-Jun	Jefferson	To Sell	Hunsicker, Daniel			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFPFR	1831	18-Aug	Jefferson	To Hire Out	Not Recorded			
VFPFR	1831	18-Aug	Jefferson	To Sell	McCoy, John			
VFPFR	1831	15-Sep	Jefferson	To Sell	Not Recorded		Cook / Housework	
VFPFR	1831	6-Oct	Jefferson	To Sell	Taylor, Edin (dec)			
VFPFR	1831	1-Dec	Jefferson	To Sell	Not Recorded		Housework	
VFPFR	1831	1-Dec	Jefferson	To Hire Out	Baylor, Richard (dec)			
VFPFR	1831	1-Dec	Jefferson	To Sell	Sappington, G.W.			
VFPFR	1831	8-Dec	Jefferson	To Sell	Not Recorded		Cook / Washer	
VFPFR	1831	8-Dec	Jefferson	To Hire Out	Beeler, Benjamin (dec)			
VFPFR	1831	8-Dec	Jefferson	To Hire Out	Hunter, Ann			
VFPFR	1831	8-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFPFR	1831	8-Dec	Jefferson	To Hire Out	Gilbert, Jacob			
VFPFR	1831	8-Dec	Jefferson	To Hire Out	Burwell, Edwin B. (dec)			
VFPFR	1831	8-Dec	Jefferson	To Hire Out	Davis, Thomas W.			
VFPFR	1831	15-Dec	Jefferson	To Hire Out	Broadus, Martha R.	Wagoner	Hostler / Carriage Driver / Housework	
VFPFR	1831	15-Dec	Jefferson	To Hire Out	Lock, John (dec)			
VFPFR	1831	15-Dec	Jefferson	To Hire Out	Davenport, Braxton			
VFPFR	1831	15-Dec	Jefferson	To Sell	Motter, Catharine (dec)			
VFPFR	1831	22-Dec	Jefferson	To Hire Out	McCoy, Otho (dec)			
VFPFR	1831	22-Dec	Jefferson	To Hire Out	Manning, Mary			
VFPFR	1831	22-Dec	Jefferson	To Sell	Washington, Samuel (dec)			
VFPFR	1831	22-Dec	Jefferson	To Sell	Hefflebower, Abraham			
VFPFR	1832	5-Jan	Jefferson	To Sell	Cleveland, William		Housework	
VFPFR	1832	12-Jan	Jefferson	To Hire Out	Not Recorded		Cook / Washer	
VFPFR	1832	12-Jan	Jefferson	To Sell	Whiting, William N.		Cook / Washer	
VFPFR	1832	12-Jan	Jefferson	To Hire Out	Breadus, William (dec)			
VFPFR	1832	12-Jan	Jefferson	To Sell	Davenport, Abram (dec)			
VFPFR	1832	1-Feb	Jefferson	To Hire Out	Keyes, H.			
VFPFR	1832	9-Feb	Jefferson	To Sell	Dougherty, James (dec)		Cook / Washer	
VFPFR	1832	9-Feb	Jefferson	To Hire Out	Graham, William (dec)			
VFPFR	1832	23-Feb	Jefferson	To Sell	Burns, William Sr.			
VFPFR	1832	1-Mar	Jefferson	To Sell	Dougherty, James (dec)	Farmer	Cook / washer	
VFPFR	1832	1-Mar	Jefferson	To Sell	Douglass, William			
VFPFR	1832	8-Mar	Frederick	To Hire Out	Gunnell, Henry			Blacksmith
VFPFR	1832	8-Mar	Jefferson	To Sell	Delaplane, Joseph (dec)			
VFPFR	1832	15-Mar	Jefferson	To Hire Out	Hiedwohl, Jacob			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFPFR	1832	3-May	Jefferson	To Sell	Coates, James			
VFPFR	1832	3-May	Jefferson	To Sell	Hefflebower, Abraham			
VFPFR	1832	24-May	Jefferson	To Sell	Davis, Thomas W. (dec)			
VFPFR	1832	31-May	Jefferson	To Hire Out	Myers, Joseph			
VFPFR	1832	31-May	Jefferson	To Sell	Myers, Joseph			
VFP	1832	23-Aug	Jefferson	To Sell	Not Recorded		Servant	
VFP	1832	23-Aug	Jefferson	To Sell	Lock, John			
VFP	1832	10-Sep	Jefferson	To Sell	Sinclair, William Z.			
VFP	1832	4-Oct	Jefferson	To Sell	Hammond, Thomas			
VFP	1832	11-Oct	Jefferson	To Hire Out	McCabe, P.C.		Cook / Washer / Gardener	Cobbler
VFP	1832	18-Oct	Jefferson	To Sell	Boteler, Thomas (dec)	Farmer		
VFP	1832	8-Nov	Jefferson	To Sell	Beckham, T. (dec)			
VFP	1832	15-Nov	Jefferson	To Sell	Garrison, George W.			
VFP	1832	22-Nov	Jefferson	Want to Buy	Not Recorded			
VFP	1832	6-Dec	Jefferson	To Hire Out	Baylor, Richard (dec)			
VFP	1832	6-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1832	6-Dec	Jefferson	To Hire Out	Gilbert, Jacob			
VFP	1832	13-Dec	Jefferson	To Hire Out	Hunter, Ann			
VFP	1832	13-Dec	Jefferson	To Hire Out	Manning, Mary			
VFP	1832	20-Dec	Jefferson	To Sell	Not Recorded		Washer	
VFP	1832	20-Dec	Jefferson	To Sell	Lock, John (dec)	Farmer	House Servant	
VFP	1832	20-Dec	Jefferson	To Hire Out	Cleveland, William	Farmer		
VFP	1832	20-Dec	Jefferson	To Hire Out	Lock, Rachel			
VFP	1832	20-Dec	Jefferson	To Hire Out	Williams, R.			
VFP	1832	20-Dec	Jefferson	To Hire Out	Duckwell, Joseph (dec)			
VFP	1832	20-Dec	Jefferson	To Sell	Washington, George S. (dec)			
VFP	1832	20-Dec	Jefferson	To Sell	Cleveland, William			
VFP	1832	27-Dec	Jefferson	To Hire Out	Chamberlain, Thomas (dec)			
VFP	1833	3-Jan	Jefferson	To Sell	Glenn, James (dec)	Farmer	Cook	
VFP	1833	10-Jan	Jefferson	To Hire Out	Not Recorded		Cook / Washer / Ironer	
VFP	1833	10-Jan	Jefferson	To Sell	Not Recorded		Cook / Washer	
VFP	1833	24-Jan	Jefferson	To Sell	McCormick, Brockenerough			
VFP	1833	31-Jan	Jefferson	To Hire Out	Griggs, Thomas		Housework	
VFP	1833	9-May	Jefferson	To Sell	Not Recorded		Housework	Seamstress
VFP	1833	16-May	Jefferson	Want to Buy	Griggs, Thomas			Mechanics
VFP	1833	23-May	Jefferson	To Sell	Baker, Jacob (dec)			
VFP	1833	4-Jul	Jefferson	Want to Buy	Kownslar, F.A.		Cook / Washer	
VFP	1833	11-Jul	Jefferson	To Sell	Keyes, Rob. and John			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1833	25-Jul	Jefferson	To Sell	Davenport, Braxton			
VFP	1833	8-Aug	Jefferson	To Hire Out	Cromwell, Richard A.			
VFP	1833	5-Sep	Frederick	Want to Buy	Lewis, Benjamin H. and Lewis, William T.			
VFP	1833	12-Sep	Frederick	Want to Buy	Hitt, Peter A.			
VFP	1833	7-Nov	Jefferson	To Sell	Beeler, Benjamin F.			
VFP	1833	14-Nov	Jefferson	To Sell	Cockrell, Thomas	Farmer		
VFP	1833	5-Dec	Jefferson	To Sell	Not Recorded		Cook / Washer / Ironer	
VFP	1833	5-Dec	Jefferson	To Sell	Not Recorded		Cook / Washer / Ironer	
VFP	1833	5-Dec	Jefferson	To Hire Out	Baylor, Richard (dec)			
VFP	1833	5-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1833	5-Dec	Jefferson	To Hire Out	Gilbert, Jacob			
VFP	1833	12-Dec	Jefferson	To Sell	Not Recorded		Housework	
VFP	1833	12-Dec	Jefferson	To Sell	Glenn, James (dec)	Farmer	Cook	
VFP	1833	12-Dec	Jefferson	To Hire Out	Beeler, Benjamin (dec)			
VFP	1833	12-Dec	Jefferson	To Hire Out	Hunter, Ann			
VFP	1833	12-Dec	Jefferson	To Hire Out	Broadus, Martha R.			
VFP	1833	19-Dec	Jefferson	To Hire Out	Not Recorded		Housework	
VFP	1833	19-Dec	Jefferson	To Sell	Not Recorded		Housework	
VFP	1833	26-Dec	Jefferson	To Hire Out	Vanvacter, Joseph			
VFP	1834	9-Jan	Jefferson	To Hire Out	Vanvacter, Ann		Hostler	
VFP	1834	9-Jan	Jefferson	To Hire Out	Gunnell, John H.			
VFP	1834	16-Jan	Jefferson	To Hire Out	Strother, Amerila S.		Cook / Washer / Ironer	
VFP	1834	20-Jan	Jefferson	To Sell	Engle, Samuel D. (dec)			
VFP	1834	23-Jan	Jefferson	To Sell	Dougherty, Mary Ann (dec)		Cook	
VFP	1834	30-Jan	Jefferson	To Sell	Not Recorded			
VFP	1834	6-Feb	Jefferson	To Hire Out	Blackburn, John S.	Farmer		
VFP	1834	6-Feb	Jefferson	To Hire Out	Downey, John	Farmer		
VFP	1834	6-Feb	Jefferson	Want to Buy	Johnson, R&J			
VFP	1834	6-Feb	Jefferson	To Sell	Thornburgh, Thomas			
VFP	1834	13-Feb	Jefferson	To Sell	Melvin, John (dec)			
VFP	1834	13-Mar	Jefferson	To Sell	North, William D.			
VFP	1834	20-Mar	Jefferson	To Hire Out	Kidwiler, Michael (dec)			
VFP	1834	27-Mar	Jefferson	To Sell	Ward, Henry		Cook / Washer	
VFP	1834	17-Apr	Jefferson	To Hire Out	Sinclair, William Z.			
VFP	1834	22-May	Jefferson	To Sell	Not Recorded			
VFP	1834	29-May	Jefferson	To Sell	Sappington, John B.			
VFP	1834	5-Jun	Jefferson	To Hire Out	Not Recorded		cook / washer	

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1834	24-Jul	Jefferson	To Sell	Flood, William P.			
VFP	1834	31-Jul	Jefferson	To Sell	Not Recorded			
VFP	1834	14-Aug	Jefferson	To Hire Out	Not Recorded			
VFP	1834	18-Aug	Jefferson	To Sell	Cleveland & Co.			
VFP	1834	28-Aug	Jefferson	To Sell	Wager, James B.			
VFP	1834	28-Aug	Jefferson	To Sell	Not Recorded			
VFP	1834	23-Oct	Jefferson	To Sell	Ranson, J.L.		Cook	
VFP	1834	23-Oct	Jefferson	To Sell	Keyes, Gershon (dec)			
VFP	1834	7-Nov	Jefferson	To Hire Out	Baylor, Richard (dec)			
VFP	1834	20-Nov	Jefferson	To Hire Out	Glover, Lewis			
VFP	1834	22-Nov	Jefferson	To Sell	McCready, George W.			
VFP	1834	27-Nov	Jefferson	To Hire Out	Van Swearingen, Julia			
VFP	1834	27-Nov	Jefferson	To Sell	Thompson, James			
VFP	1834	4-Dec	Jefferson	To Sell	Briscoe, W.		Cook / Washer	
VFP	1834	4-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1834	11-Dec	Jefferson	To Sell	Ronemus, Lewis (dec)	Farmer		
VFP	1834	11-Dec	Jefferson	To Hire Out	Riely, Alexander (dec)			
VFP	1834	11-Dec	Jefferson	To Hire Out	Hunter, Ann (dec)			
VFP	1834	11-Dec	Jefferson	To Hire Out	Not Recorded			
VFP	1834	11-Dec	Jefferson	To Hire Out	Buckmaster, John (dec)			
VFP	1834	18-Dec	Jefferson	To Hire Out	Sinclair, William Z.			
VFP	1834	18-Dec	Jefferson	To Hire Out	Straith, J.J.M.			
VFP	1834	18-Dec	Jefferson	To Sell	Smallwood, George (dec)			
VFP	1834	25-Dec	Jefferson	To Hire Out	Manning, Mary			
VFP	1835	1-Jan	Jefferson	To Sell	Beeler, Benjamin (dec)		Cook / Washer	
VFP	1835	1-Jan	Jefferson	To Hire Out	Manning, Mary	Farmer		
VFP	1835	1-Jan	Frederick	To Hire Out	Glover, Lewis			
VFP	1835	8-Jan	Jefferson	To Hire Out	Dandridge, Sarah P.			
VFP	1835	15-Jan	Jefferson	To Sell	Keyes, John			
VFP	1835	22-Jan	Jefferson	Want to Buy	Not Recorded			
VFP	1835	29-Jan	Jefferson	To Sell	Biscoe, John (dec)	Farmer		
VFP	1835	29-Jan	Jefferson	To Sell	Briscoe, W.			
VFP	1835	5-Feb	Jefferson	To Hire Out	Chamberlain, Jonas			
VFP	1835	5-Feb	Jefferson	To Sell	Eichelberger, Adam (dec)			
VFP	1835	5-Mar	Jefferson	To Hire Out	Briscoe, S.D.	Farmer		
VFP	1835	5-Mar	Jefferson	To Sell	Turner, Joseph	Farmer		
VFP	1835	12-Mar	Jefferson	To Sell	McDonald, James			
VFP	1835	26-Mar	Jefferson	Want to Buy	Beckham, F.			
VFP	1835	26-Mar	Jefferson	To Hire Out	Fouke, Elizabeth (dec)			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1835	26-Mar	Jefferson	To Sell	Not Recorded			
VFP	1835	9-Apr	Jefferson	To Hire Out	Lewis, Mary			
VFP	1835	23-Apr	Jefferson	To Hire Out	Vancater, Joseph and Vancater, Samuel			
VFP	1835	30-Apr	Jefferson	Want to Buy	Griggs, William H.			
VFP	1835	30-Apr	Jefferson	Want to Buy	Crow, William Jr.			
VFP	1835	7-May	Jefferson	To Sell	Licklider, Thomas		Cook / Washer	
VFP	1835	28-May	Jefferson	Want to Buy	Malone, G.W.			
VFP	1835	16-Jul	Florida	Want to Buy	Braden, H.W.			
VFP	1835	6-Aug	Jefferson	Want to Hire In	Turner, Thomas B.		Cook / Dairy Worker	
VFP	1835	13-Aug	Jefferson	To Sell	Haynes, Jacob			
VFP	1835	27-Aug	Frederick	Want to Buy	Daniel, Henry G.			
VFP	1835	22-Oct	Jefferson	To Sell	Howard, Samuel (dec)			
VFP	1835	3-Dec	Jefferson	Want to Hire In	Raun, William R.		Hostler / Gardener	
VFP	1835	3-Dec	Jefferson	To Hire Out	Tucker, Henry St. George	Farmer		Cobbler
VFP	1835	10-Dec	Jefferson	To Hire Out	Turner, H.S. (dec)			
VFP	1835	10-Dec	Jefferson	To Hire Out	Manning, Mary			
VFP	1835	10-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1835	10-Dec	Jefferson	To Hire Out	Burwell, Edmunds (dec)			
VFP	1835	10-Dec	Jefferson	To Hire Out	Riely, Alexander (dec)			
VFP	1835	24-Dec	Jefferson	Want to Hire In	Tuston, Septimus		Housework	
VFP	1835	24-Dec	Jefferson	To Hire Out	Sappington, G.W.			
VFP	1836	14-Jan	Jefferson	To Hire Out	Dandridge, Sarah P.		Housework	Seamstress
VFP	1836	14-Jan	Jefferson	To Hire Out	Ware, Josiah William	Wagoner / Farmer		
VFP	1836	18-Feb	Jefferson	To Sell	Snyder, David H. (dec)			
VFP	1836	31-Mar	Jefferson	To Sell	McKinney, Francis		Cook / washer	
VFP	1836	31-Mar	Jefferson	Want to Buy	Griggs, William H.			
VFP	1836	31-Mar	Jefferson	To Hire Out	Homar, Jacob (dec)			
VFP	1836	14-Apr	Jefferson	To Sell	Hurst, James (dec)			
VFP	1836	26-May	Jefferson	To Sell	Not Recorded		Cook / Washer	Spinner
VFP	1836	17-Jul	Jefferson	To Hire Out	Ridenour, Christopher (dec)	Farmer		
VFP	1836	28-Jul	Maryland	Want to Buy	Johnson, Richard	Farmer	Housework	
VFP	1836	28-Jul	Jefferson	To Hire Out	Not Recorded		Housework	
VFP	1836	28-Jul	Jefferson	Want to Buy	Crow, William Jr.			
VFP	1836	28-Jul	Jefferson	To Sell	Ridenour, Christopher (dec)			
VFP	1836	4-Aug	Jefferson	Want to Buy	Gallaher, H.N.		Nurse	
VFP	1836	4-Aug	Jefferson	To Hire Out	Heans, Henry (dec)	Farmer		
VFP	1836	11-Aug	Rockingham	To Sell	Gilmer, George (dec)			
VFP	1836	29-Sep	Jefferson	To Sell	Dalgarn, S. (dec)			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1836	27-Oct	Jefferson	To Sell	Fulton, James (dec)			
VFP	1836	24-Nov	Jefferson	To Sell	Osborn, David (dec)			
VFP	1836	8-Dec	Jefferson	To Sell	Not Recorded		Cook / Washer	
VFP	1836	8-Dec	Jefferson	To Sell	Ridenour, Christopher (dec)	Farmer		
VFP	1836	8-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1836	8-Dec	Jefferson	To Hire Out	Burwell, Edmunds (dec)			
VFP	1836	8-Dec	Jefferson	To Sell	Wynescoop, Garret			
VFP	1836	15-Dec	Jefferson	Want to Hire In	Cordell, L.C.		Cook	
VFP	1836	15-Dec	Jefferson	To Hire Out	Butler, William			
VFP	1836	15-Dec	Jefferson	To Sell	Butler, William			
VFP	1836	22-Dec	Jefferson	To Hire Out	Keyes, Humphrey			
VFP	1836	29-Dec	Jefferson	To Sell	Not Recorded			
VFP	1837	12-Jan	Jefferson	To Sell	Cramer, Ambrose		Cook / Washer	
VFP	1837	19-Jan	Jefferson	Want to Hire In	Hunter, Ann		Cook / Washer	
VFP	1837	19-Jan	Jefferson	To Hire Out	Wager, G.B.			
VFP	1837	26-Jan	Jefferson	To Hire Out	Not Recorded			
VFP	1837	2-Feb	Jefferson	Want to Buy	Wright, Samuel	Farmer		
VFP	1837	18-May	Jefferson	To Sell	Adams, William			
VFP	1837	15-Jun	Jefferson	To Hire Out	Hickey, J.J.		Cook / Washer	
VFP	1837	14-Sep	Jefferson	To Sell	Russell, Joseph L.			
VFP	1837	27-Sep	Jefferson	Want to Buy	Daniel, Henry G.			
VFP	1837	9-Nov	Jefferson	Want to Buy	Not Recorded		Nurse	
VFP	1837	30-Nov	Jefferson	To Hire Out	Johnson, Daniel			
VFP	1837	7-Dec	Jefferson	Want to Hire In	Not Recorded		Cook / Washer	
VFP	1837	7-Dec	Jefferson	To Hire Out	Tucker, Judge			
VFP	1837	7-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1837	7-Dec	Jefferson	To Hire Out	Cameron, Samuel			
VFP	1837	14-Dec	Jefferson	To Hire Out	Griggs, John (dec)			
VFP	1837	14-Dec	Jefferson	To Hire Out	Buckmaster, John (dec)			
VFP	1837	14-Dec	Jefferson	To Sell	Walker, John N.			
VFP	1837	21-Dec	Jefferson	To Hire Out	Burwell, Edwin B. (dec)			
VFP	1838	4-Jan	Jefferson	To Sell	Williams, Richard			
VFP	1838	11-Jan	Jefferson	To Hire Out	Lewis, John H.		Housework	Seamstress
VFP	1838	11-Jan	Jefferson	To Hire Out	Blackburn, R.S.		Cook / Washer	
VFP	1838	18-Jan	Jefferson	To Hire Out	Not Recorded			
VFP	1838	25-Jan	Jefferson	To Hire Out	Not Recorded		Nurse / Cook	
VFP	1838	19-Apr	Jefferson	To Hire Out	Howard, Elizabeth		Cook / Washer	
VFP	1838	21-Jun	Jefferson	Want to Buy	Johnson, Richard			
VFP	1838	28-Jun	Jefferson	Want to Buy	Turner, Thomas R.	Farmer		

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1838	26-Jul	Jefferson	Want to Hire In	Holl, Samuel			
VFP	1838	6-Sep	Jefferson	Want to Buy	Shepherd, C.M.			
VFP	1838	20-Sep	Jefferson	Want to Buy	Rawlins, Thomas			
VFP	1838	27-Sep	Jefferson	Want to Hire In	Straith, John J.H.			Cook / Washer
VFP	1838	22-Nov	Jefferson	Want to Hire In	Lucas, Edward Jr.			
VFP	1838	29-Nov	Jefferson	Want to Buy	Crow, William Jr.			
VFP	1838	13-Dec	Jefferson	To Hire Out	Frame, J.J. (dec)			
VFP	1838	13-Dec	Jefferson	To Hire Out	Tucker, Henry St. George			
VFP	1838	20-Dec	Jefferson	Want to Buy	Stephenson, Joseph P.			
VFP	1838	20-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1838	20-Dec	Jefferson	To Hire Out	Parran, Richard			
VFP	1838	20-Dec	Jefferson	Want to Hire In	Gallaher, H.N.			
VFP	1839	3-Jan	Jefferson	To Hire Out	Not Recorded			
VFP	1839	3-Jan	Jefferson	To Sell	Fulton, James (dec)			
VFP	1839	24-Jan	Jefferson	To Sell	Not Recorded		Cook / Washer	Spinner / Seamstress
VFP	1839	14-Feb	Jefferson	To Hire Out	Wilson, Samuel K.		Housework / Gardening	
VFP	1839	24-Feb	Jefferson	To Hire Out	Keyes, Humphrey			
VFP	1839	7-Mar	Jefferson	Want to Buy	Hunter, Andrew		Cook	
VFP	1839	7-Mar	Jefferson	To Sell	Chamberlain, Ann		Cook / Washer	
VFP	1839	7-Mar	Jefferson	To Sell	Caldwell, William S. (dec)			
VFP	1839	7-Mar	Jefferson	Want to Hire In	Not Recorded			
VFP	1839	14-Mar	Jefferson	Want to Buy	Norman, Tallison and Jackson, Joseph			
VFP	1839	11-Apr	Jefferson	Want to Buy	Kennedy, Andrew	Farmer		
VFP	1839	18-Apr	Jefferson	To Sell	Not Recorded			
VFP	1839	16-May	Jefferson	Want to Hire In	Not Recorded			
VFP	1839	23-May	Jefferson	To Sell	Kisinger, Joshua (dec)			
VFP	1839	25-Jul	Jefferson	Want to Hire In	Gallaher, H.N.		Nurse	
VFP	1839	28-Nov	Jefferson	To Sell	McDaniel, John (dec)			Blacksmith
VFP	1839	5-Dec	Clarke	To Sell	Owens, John W.		Housework	
VFP	1839	5-Dec	Clarke	To Hire Out	Owens, John W.			
VFP	1839	5-Dec	Jefferson	To Sell	Not Recorded			
VFP	1839	12-Dec	Jefferson	To Hire Out	Williams, Richard			
VFP	1839	12-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1839	12-Dec	Jefferson	To Hire Out	Daniels, Nancy			
VFP	1839	12-Dec	Jefferson	To Sell	Webb, W.L.			
VFP	1839	19-Dec	Jefferson	To Hire Out	Tucker, Henry St. George			
VFP	1840	16-Jan	Jefferson	Want to Hire In	Young, Adam Jr.			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1840	6-Feb	Jefferson	Want to Buy	Meyers, H.M.			
VFP	1840	13-Feb	Jefferson	To Sell	Burns, Daniel C.		Cook / Washer / Dairy	
VFP	1840	16-Apr	Jefferson	To Hire Out	Hunter, Andrew		Gardening / Holster	
VFP	1840	16-Apr	Jefferson	Want to Buy	Hunter, Andrew			
VFP	1840	14-May	Jefferson	To Hire Out	Not Recorded		Housework	
VFP	1840	14-May	Jefferson	Want to Hire In	Gordon, A.G.	Farmer		
VFP	1840	25-Jun	Jefferson	Want to Buy	Not Recorded			
VFP	1840	2-Jul	Jefferson	Want to Hire In	Straith, J.J.H.		Gardening / Holster	
VFP	1840	13-Aug	Jefferson	To Hire Out	Dandridge, Philip P.		Housework	
VFP	1840	27-Aug	Jefferson	To Sell	Not Recorded		Housework	
VFP	1840	19-Nov	Jefferson	To Hire Out	Yates, John		Housework	
VFP	1840	26-Nov	Jefferson	Want to Buy	Daugherty, J.T.	Farmer	Housework	
VFP	1840	10-Dec	Jefferson	To Hire Out	Tucker, Henry St. George			
VFP	1840	10-Dec	Jefferson	To Hire Out	Hunter, Mary (dec)			
VFP	1840	17-Dec	Jefferson	To Hire Out	Williams, Richard			
VFP	1840	17-Dec	Jefferson	To Hire Out	Daniels, Nancy			
VFP	1840	17-Dec	Jefferson	To Hire Out	Riely, Alexander (dec)			
VFP	1840	17-Dec	Jefferson	To Hire Out	Reiley, James (dec)			
VFP	1840	17-Dec	Clarke	To Hire Out	Owens, John W.			
VFP	1840	17-Dec	Jefferson	To Hire Out	Parran, Richard			
VFP	1840	17-Dec	Jefferson	To Hire Out	Shirly, James (dec)			
VFP	1840	17-Dec	Jefferson	To Hire Out	Burwell, Bacon (dec)			
VFP	1840	24-Dec	Jefferson	To Sell	Not Recorded			
VFP	1840	24-Dec	Jefferson	Want to Hire In	Gallaher, H.N.			
VFP	1841	18-Feb	Jefferson	To Hire Out	Daugherty, J.T.	Farmer	Housework	
VFP	1841	18-Feb	Jefferson	To Hire Out	Willis, Richard A.			
VFP	1841	18-Feb	Jefferson	To Sell	Willis, Nancy (dec)			
VFP	1841	11-Mar	Jefferson	To Hire Out	Not Recorded		Cook / Washer	
VFP	1841	11-Mar	Jefferson	To Hire Out	Straith, John J.			
VFP	1841	11-Mar	Jefferson	Want to Hire In	Not Recorded			
VFP	1841	15-Jul	Jefferson	To Hire Out	Snyder, S.C.			
VFP	1841	29-Jul	Jefferson	Want to Hire In	Ranson, Richard Henry		House Servant	
VFP	1841	12-Aug	Jefferson	To Sell	Not Recorded		Cook / Washer	
VFP	1841	18-Aug	Jefferson	To Hire Out	Dandridge, S.A.			
VFP	1841	19-Aug	Jefferson	To Sell	Not Recorded		House Servant	
VFP	1841	14-Oct	Jefferson	To Hire Out	Lowndes, Charles		Cook / Gardner / Servant	
VFP	1841	25-Nov	Jefferson	Want to Buy	Crow, William Jr.			

Paper	Year	Date	County	Sell/Hire	Enslaver	Farming Skills	Dom. Skills	Craft Skills
VFP	1841	25-Nov	Berkeley	To Sell	Kownslar, Remington R.			
VFP	1841	2-Dec	Frederick	To Sell	Jones, W.S.	Wagoner	Housework	
VFP	1841	2-Dec	Jefferson	Want to Hire In	Straith, John J.		Cook / Washer	
VFP	1841	9-Dec	Jefferson	To Hire Out	Cromwell, Jane	Farmer	Housework	
VFP	1841	9-Dec	Jefferson	To Sell	Snyder, S.C.		Cook / Washer	Seamstress
VFP	1841	9-Dec	Clarke	To Sell	Ship, John	Farmer		
VFP	1841	9-Dec	Jefferson	To Hire Out	Jewett, John M.			
VFP	1841	9-Dec	Clarke	To Hire Out	Smith, H.P.			
VFP	1841	9-Dec	Jefferson	To Hire Out	Not Recorded			
VFP	1841	9-Dec	Jefferson	To Hire Out	Reiley, James (dec)			
VFP	1841	9-Dec	Jefferson	To Hire Out	Reiley, Alexander (dec)			
VFP	1841	9-Dec	Clarke	To Hire Out	Ship, John			
VFP	1841	9-Dec	Jefferson	To Sell	Isler, Abraham			
VFP	1841	9-Dec	Jefferson	To Sell	Cromwell, Jane			
VFP	1841	16-Dec	Jefferson	To Hire Out	McCoy, Otho (dec)	Farmer	House Servant	Blacksmith
VFP	1841	16-Dec	Jefferson	Want to Hire In	Kitzmiller, A.M.		Cook / Washer	
VFP	1841	16-Dec	Jefferson	To Hire Out	Abell, Joseph F.		Cook / Washer	
VFP	1841	16-Dec	Jefferson	To Hire Out	Willis, Richard A.			
VFP	1841	16-Dec	Jefferson	To Hire Out	Dandridge, Adam S.			
VFP	1841	16-Dec	Jefferson	To Hire Out	Parran, Richard and Morgan, Eliza R.			
VFP	1841	16-Dec	Jefferson	To Hire Out	Daniels, Nancy			
VFP	1841	16-Dec	Jefferson	To Sell	Not Recorded			
VFP	1841	23-Dec	Jefferson	To Hire Out	Williams, Richard			
VFP	1841	23-Dec	Jefferson	To Hire Out	Yates, Charles			

Table 8: Alexandria Flour Exports, 1801-1825

Total flour exported from Alexandria, with amount exported to foreign ports and US cities provided when data is available. Data from Comp (1978, 273).

Year	Total Exported	To Foreign Ports	To US Cities
1801		38,376	
1802		67,800	
1803		48,441	
1804	182,935	57,575	83,330
1805	118,372	55,601	63,711
1806	123,147	48,810	74,432
1807	218,351	48,334	180,020
1808	148,214	0	148,241
1809	168,679	73,782	94,881
1810	163,312	66,136	97,176
1811	273,888	187,550	85,888
1812	188,866	168,905	18,763
1813	180,207	40,675	137,592
1814	103,688	410	103,220
1815	110,620	146,385	
1816	138,552		
1817	207,870		
1818	158,786		
1819	176,831		
1820	233,505		
1821	208,507		
1822	171,877		
1823	102,817		
1824	133,024		
1825	170,711		

Table 9: Alexandria Foreign Flour Exports, 1801-1815

This table contains the amount of flour exported from Alexandria to foreign ports, 1801-1815. Data from Galpin (1927, 424).

Year	England	Scotland	Ireland	Portugal	Spain	Canada	W. Indies	S. America	Total
1801	10,490	1,464	0	2,636	0	260	22,705.5	841	38,396.5
1802	13,103	0	0	8,298	4,855	0	43,003	541	69,800
1803	10,356.5	0	2,826	14,895.5	17,622	0	51,687.5	119	97,506.5
1804	0	0	0	5,682.5	12,902	0	39,235	1,755.5	59,575
1805	2,498	0	0	11,482	6,258	0	34,249	931	55,418
1806	8,305	0	3,151	5,047	533	0	27,849	1,407	46,292
1807	26,033	0	6,181	12,084	4,164	400	49,750.5	727	99,339.5
1808	0	0	0	0	0	0	0	0	0
1809	12,472	0	2,660	15,996.5	8,082.5	400	22,109	4,735.5	66,455.5
1810	1,527	0	1,250	21,283.5	21,245	0	19,235	1145	65,685.5
1811	1,756	0	0	100,317.5	68,198	0	16,859	420	187,550.5
1812	0	6,840	0	79,405	70,848	1,090	9,833.5	1,887	169,903.5
1813	0	489.5	0	4,307	25,334	0	10,545	0	40,675.5
1814	0	0	0	0	0	410	0	0	410
1815	27,608	0	11,505	29,363	38,513	816	32,579.5	3,495.5	143,880.5

Table 10: Prices used to establish Alexandria flour prices, 1801-1860

This table contains the price data used to establish the average yearly price Alexandria merchants paid for a barrel of flour. When multiple prices for a single month were available, only the earliest reported price was used unless the earliest price from the preceding month was in the second half of the month, in which case a price from the middle of the month was selected to prevent price points from being too close together. All prices are for superfine flour.

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
1/10/1801	$9.50	$9.20	Alexandria Daily Advertizer
2/14/1801	$11.00	$10.65	Alexandria Daily Advertizer
6/27/1801	$10.83	$10.49	Alexandria Daily Advertizer
7/3/1801	$10.75	$10.41	Alexandria Daily Advertizer
8/22/1801	$9.10	$8.81	Speculator
9/29/1806	$6.25	$6.30	Alexandria Daily Advertizer
10/6/1806	$6.50	$6.55	Alexandria Daily Advertizer
11/10/1806	$6.50	$6.55	Alexandria Daily Advertizer
12/1/1806	$6.42	$6.47	Alexandria Daily Advertizer
1/5/1807	$6.16	$6.53	Alexandria Daily Advertizer
2/2/1807	$6.13	$6.49	Alexandria Daily Advertizer
3/2/1807	$6.67	$7.07	Alexandria Daily Advertizer
4/6/1807	$6.13	$6.49	Alexandria Daily Advertizer
5/4/1807	$6.13	$6.49	Alexandria Daily Advertizer
6/1/1807	$5.75	$6.10	Alexandria Daily Advertizer
8/10/1807	$5.00	$5.30	Alexandria Daily Advertizer
9/7/1807	$5.00	$5.30	Alexandria Daily Advertizer
10/12/1807	$6.00	$6.36	Alexandria Daily Advertizer
11/9/1807	$6.13	$6.49	Alexandria Daily Advertizer
12/7/1807	$6.00	$6.36	Alexandria Daily Advertizer
1/4/1808	$4.00	$3.90	Alexandria Daily Advertizer
2/22/1808	$4.50	$4.39	Alexandria Daily Advertizer
3/7/1808	$4.50	$4.39	Alexandria Daily Advertizer
4/11/1808	$4.30	$4.20	Alexandria Daily Advertizer
5/2/1808	$4.12	$4.02	Alexandria Daily Advertizer
6/20/1808	$4.16	$4.06	Alexandria Daily Advertizer
7/18/1808	$4.25	$4.15	Alexandria Gazette
8/8/1808	$3.75	$3.66	Alexandria Gazette
10/7/1808	$5.25	$5.13	Farmers Repository
11/7/1808	$4.75	$4.64	Alexandria Gazette
12/12/1808	$4.25	$4.15	Alexandria Gazette
1/2/1809	$4.50	$4.50	Alexandria Gazette
2/17/1809	$6.13	$6.13	Farmers Repository
3/20/1809	$6.00	$6.00	Alexandria Gazette
4/24/1809	$6.75	$6.75	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
5/22/1809	$6.16	$6.16	Alexandria Gazette
6/2/1809	$6.25	$6.25	Farmers Repository
7/10/1809	$5.80	$5.80	Alexandria Gazette
8/7/1809	$5.84	$5.84	Alexandria Gazette
8/28/1809	$5.58	$5.58	Alexandria Gazette
9/4/1809	$5.58	$5.58	Alexandria Gazette
10/2/1809	$6.32	$6.32	Alexandria Gazette
11/6/1809	$6.50	$6.50	Alexandria Gazette
12/11/1809	$7.00	$7.00	Alexandria Gazette
2/5/1810	$6.92	$6.92	Alexandria Gazette
3/12/1810	$6.92	$6.92	Alexandria Gazette
4/2/1810	$6.92	$6.92	Alexandria Gazette
5/7/1810	$7.15	$7.15	Alexandria Gazette
6/4/1810	$7.25	$7.25	Alexandria Gazette
7/9/1810	$8.50	$8.50	Alexandria Gazette
8/6/1810	$9.50	$9.50	Alexandria Gazette
9/3/1810	$8.50	$8.50	Alexandria Gazette
10/1/1810	$9.00	$9.00	Alexandria Gazette
11/12/1810	$9.50	$9.50	Alexandria Gazette
12/10/1810	$9.50	$9.50	Alexandria Gazette
1/21/1811	$9.83	$9.23	Alexandria Gazette
2/11/1811	$8.00	$7.51	Alexandria Gazette
3/25/1811	$8.83	$8.29	Alexandria Gazette
4/15/1811	$9.44	$8.86	Alexandria Gazette
5/13/1811	$9.75	$9.15	Alexandria Gazette
6/3/1811	$8.58	$8.06	Alexandria Gazette
7/29/1811	$9.00	$8.45	Alexandria Gazette
8/12/1811	$8.00	$7.51	Farmers Repository
9/16/1811	$7.00	$6.57	Alexandria Gazette
10/14/1811	$8.12	$7.62	Alexandria Gazette
11/4/1811	$8.75	$8.22	Alexandria Gazette
12/2/1811	$8.50	$7.98	Alexandria Gazette
1/20/1812	$9.12	$8.43	Alexandria Gazette
2/24/1812	$9.75	$9.02	Alexandria Gazette
3/9/1812	$9.75	$9.02	Alexandria Gazette
4/6/1812	$6.00	$5.55	Alexandria Gazette
5/25/1812	$8.50	$7.86	Alexandria Gazette
7/20/1812	$7.00	$6.47	Alexandria Gazette
8/10/1812	$6.00	$5.55	Alexandria Gazette
10/2/1812	$10.00	$9.25	Farmers Repository
11/23/1812	$9.00	$8.32	Alexandria Gazette
12/14/1812	$9.75	$9.02	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
1/11/1813	$9.33	$7.17	Alexandria Gazette
5/20/1814	$5.00	$3.49	Alexandria Gazette
11/24/1814	$4.75	$3.32	Alexandria Gazette
3/30/1815	$6.00	$4.79	Farmers Repository
6/30/1815	$8.50	$6.79	Alexandria Herald
7/12/1815	$8.50	$6.79	Alexandria Herald
8/28/1815	$8.00	$6.39	Alexandria Herald
9/9/1815	$6.20	$4.95	Alexandria Gazette
10/2/1815	$8.00	$6.39	Alexandria Herald
11/6/1815	$9.12	$7.28	Alexandria Herald
12/4/1815	$9.25	$7.39	Alexandria Herald
4/22/1816	$7.25	$6.32	Alexandria Herald
5/16/1816	$7.50	$6.54	Alexandria Herald
6/10/1816	$8.75	$7.63	Alexandria Herald
7/1/1816	$9.50	$8.29	Alexandria Herald
8/5/1816	$10.50	$9.16	Alexandria Herald
9/2/1816	$9.25	$8.07	Alexandria Herald
10/14/1816	$9.50	$8.29	Alexandria Herald
11/4/1816	$9.50	$8.29	Alexandria Herald
1/6/1817	$12.00	$11.10	Alexandria Herald
3/26/1817	$13.50	$12.48	Alexandria Herald
5/26/1817	$10.50	$9.71	Farmers Repository
6/30/1817	$9.25	$8.55	Alexandria Herald
7/7/1817	$9.62	$8.90	Alexandria Herald
9/8/1817	$8.75	$8.09	Alexandria Herald
10/6/1817	$9.00	$8.32	Alexandria Herald
5/10/1818	$9.50	$9.20	Alexandria Herald
7/20/1818	$9.75	$9.44	Alexandria Herald
8/3/1818	$9.25	$8.96	Alexandria Herald
10/26/1818	$8.00	$7.75	Alexandria Herald
11/2/1818	$9.25	$8.96	Alexandria Herald
1/17/1819	$8.00	$7.75	Alexandria Herald
2/8/1819	$7.00	$6.78	Alexandria Herald
3/22/1819	$6.62	$6.41	Alexandria Herald
4/5/1819	$6.50	$6.30	Alexandria Herald
2/23/1820	$5.00	$5.26	National Messenger
6/7/1820	$4.87	$5.12	Speculator
10/9/1820	$4.75	$4.99	New-York Daily Advertiser
1/9/1821	$4.00	$4.35	Speculator
3/16/1821	$4.87	$5.30	Speculator
4/10/1821	$4.00	$4.35	Speculator
5/16/1821	$4.50	$4.90	Speculator

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
6/12/1821	$4.25	$4.63	Speculator
7/3/1821	$4.37	$4.76	Speculator
8/7/1821	$4.87	$5.30	Speculator
9/25/1821	$5.62	$6.12	Speculator
10/23/1821	$5.87	$6.39	Speculator
11/16/1821	$6.25	$6.80	Speculator
12/14/1821	$6.37	$6.93	Speculator
4/1/1825	$4.45	$5.53	Phenix Gazette
5/7/1825	$5.00	$6.21	Phenix Gazette
6/2/1825	$4.40	$5.47	Phenix Gazette
7/2/1825	$4.20	$5.22	Phenix Gazette
8/2/1825	$4.45	$5.53	Phenix Gazette
9/1/1825	$5.00	$6.21	Phenix Gazette
10/8/1825	$5.45	$6.77	Phenix Gazette
12/3/1825	$5.00	$6.21	Phenix Gazette
1/10/1826	$4.52	$5.62	Phenix Gazette
2/2/1826	$4.35	$5.40	Phenix Gazette
3/2/1826	$4.37	$5.43	Phenix Gazette
4/4/1826	$4.00	$4.97	Phenix Gazette
5/2/1826	$4.14	$5.14	Phenix Gazette
6/1/1826	$3.75	$4.66	Phenix Gazette
7/1/1826	$4.08	$5.07	Phenix Gazette
8/1/1826	$4.13	$5.12	Phenix Gazette
9/2/1826	$4.40	$5.47	Phenix Gazette
10/3/1826	$5.02	$6.24	Phenix Gazette
11/7/1826	$4.50	$5.59	Phenix Gazette
12/2/1826	$5.25	$6.52	Phenix Gazette
1/2/1827	$4.95	$6.09	Phenix Gazette
2/1/1827	$5.38	$6.62	Phenix Gazette
3/3/1827	$4.95	$6.09	Phenix Gazette
4/3/1827	$4.95	$6.09	Phenix Gazette
5/1/1827	$5.02	$6.17	Phenix Gazette
6/2/1827	$4.75	$5.84	Phenix Gazette
7/19/1827	$4.00	$4.92	Phenix Gazette
8/2/1827	$4.00	$4.92	Phenix Gazette
9/1/1827	$4.00	$4.92	Phenix Gazette
10/2/1827	$4.00	$4.92	Phenix Gazette
11/1/1827	$4.00	$4.92	Phenix Gazette
12/8/1827	$4.65	$5.72	Phenix Gazette
1/1/1828	$4.65	$6.02	Phenix Gazette
2/19/1828	$4.56	$5.90	Phenix Gazette
3/13/1828	$4.33	$5.61	Phenix Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
4/5/1828	$4.14	$5.36	Phenix Gazette
5/1/1828	$4.38	$5.66	Phenix Gazette
6/5/1828	$4.10	$5.31	Phenix Gazette
7/3/1828	$4.15	$5.37	Phenix Gazette
8/5/1828	$4.80	$6.21	Phenix Gazette
9/2/1828	$5.00	$6.47	Phenix Gazette
10/9/1828	$4.80	$6.21	Phenix Gazette
11/18/1828	$7.62	$9.87	Phenix Gazette
12/6/1828	$7.15	$9.26	Phenix Gazette
1/10/1829	$7.50	$9.92	Phenix Gazette
2/17/1829	$7.25	$9.59	Phenix Gazette
3/3/1829	$7.02	$9.28	Phenix Gazette
4/2/1829	$6.62	$8.76	Phenix Gazette
5/2/1829	$5.57	$7.37	Phenix Gazette
6/2/1829	$6.08	$8.04	Phenix Gazette
7/4/1829	$5.13	$6.78	Phenix Gazette
8/4/1829	$4.82	$6.37	Phenix Gazette
9/8/1829	$5.32	$7.04	Phenix Gazette
10/6/1829	$5.35	$7.08	Phenix Gazette
11/3/1829	$5.00	$6.61	Phenix Gazette
12/3/1829	$5.08	$6.72	Phenix Gazette
1/5/1830	$4.37	$5.84	Phenix Gazette
2/2/1830	$4.04	$5.40	Phenix Gazette
3/6/1830	$4.00	$5.35	Phenix Gazette
4/1/1830	$4.06	$5.43	Phenix Gazette
5/4/1830	$4.63	$6.18	Phenix Gazette
6/1/1830	$4.45	$5.95	Phenix Gazette
7/1/1830	$4.75	$6.35	Phenix Gazette
8/5/1830	$5.06	$6.77	Phenix Gazette
9/2/1830	$5.50	$7.35	Phenix Gazette
10/11/1830	$4.85	$6.48	Winchester Republican
11/19/1830	$4.62	$6.18	Winchester Virginian
12/10/1830	$4.63	$6.18	Winchester Virginian
1/6/1831	$5.02	$7.10	Phenix Gazette
2/24/1831	$5.50	$7.78	Winchester Republican
3/28/1831	$6.10	$8.62	Winchester Republican
4/11/1831	$6.00	$8.48	Winchester Republican
5/9/1831	$5.25	$7.42	Winchester Republican
6/13/1831	$4.04	$5.71	Winchester Republican
7/18/1831	$4.62	$6.53	Winchester Republican
8/1/1831	$5.06	$7.15	Winchester Republican
9/5/1831	$5.20	$7.35	Winchester Republican

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
10/3/1831	$5.02	$7.10	Winchester Republican
11/8/1831	$5.02	$7.10	Winchester Republican
12/5/1831	$5.03	$7.11	Winchester Republican
1/7/1832	$5.20	$7.44	Winchester Virginian
2/20/1832	$4.62	$6.61	Winchester Republican
3/9/1832	$4.30	$6.15	Winchester Virginian
4/4/1832	$4.50	$6.44	Winchester Virginian
5/2/1832	$5.00	$7.15	Winchester Virginian
6/6/1832	$5.32	$7.61	Winchester Virginian
7/11/1832	$6.00	$8.58	Winchester Virginian
8/1/1832	$6.00	$8.58	Winchester Virginian
9/5/1832	$6.25	$8.94	Winchester Virginian
10/3/1832	$5.75	$8.22	Winchester Virginian
11/7/1832	$5.83	$8.34	Winchester Virginian
1/1/1833	$5.25	$7.69	Phenix Gazette
2/2/1833	$5.00	$7.32	Phenix Gazette
3/2/1833	$4.87	$7.13	Phenix Gazette
4/6/1833	$5.06	$7.41	Phenix Gazette
5/2/1833	$5.25	$7.69	Phenix Gazette
6/1/1833	$5.50	$8.05	Phenix Gazette
7/16/1833	$5.65	$8.27	Phenix Gazette
8/1/1833	$5.62	$8.23	Phenix Gazette
9/7/1833	$5.80	$8.49	Phenix Gazette
10/1/1833	$5.90	$8.64	Phenix Gazette
11/5/1833	$5.62	$8.23	Phenix Gazette
12/3/1833	$5.38	$7.87	Phenix Gazette
1/4/1834	$4.75	$6.79	Winchester Republican
2/1/1834	$4.37	$6.25	Alexandria Gazette
3/1/1834	$4.25	$6.08	Alexandria Gazette
4/1/1834	$4.13	$5.90	Alexandria Gazette
5/3/1834	$4.50	$6.44	Alexandria Gazette
6/3/1834	$4.63	$6.61	Alexandria Gazette
7/1/1834	$4.50	$6.44	Alexandria Gazette
8/2/1834	$4.38	$6.26	Alexandria Gazette
9/2/1834	$5.00	$7.15	Alexandria Gazette
10/2/1834	$4.75	$6.79	Alexandria Gazette
11/4/1834	$4.90	$7.01	Alexandria Gazette
12/2/1834	$4.65	$6.65	Alexandria Gazette
1/1/1835	$4.38	$6.11	Alexandria Gazette
2/3/1835	$4.40	$6.15	Alexandria Gazette
10/27/1835	$6.00	$8.39	Alexandria Gazette
11/3/1835	$6.00	$8.39	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
12/10/1835	$7.13	$9.96	Alexandria Gazette
2/2/1836	$6.50	$8.60	Alexandria Gazette
3/3/1836	$6.85	$9.06	Alexandria Gazette
4/19/1836	$6.50	$8.60	Alexandria Gazette
5/12/1836	$6.75	$8.93	Alexandria Gazette
6/2/1836	$6.25	$8.27	Alexandria Gazette
7/2/1836	$7.00	$9.26	Alexandria Gazette
8/2/1836	$7.50	$9.92	Alexandria Gazette
9/3/1836	$8.10	$10.71	Alexandria Gazette
10/1/1836	$9.00	$11.90	Alexandria Gazette
11/8/1836	$9.42	$12.46	Alexandria Gazette
12/15/1836	$9.50	$12.56	Alexandria Gazette
1/19/1837	$9.88	$12.65	Alexandria Gazette
2/2/1837	$10.00	$12.81	Alexandria Gazette
3/2/1837	$10.00	$12.81	Alexandria Gazette
4/1/1837	$9.00	$11.53	Alexandria Gazette
5/2/1837	$7.00	$8.97	Alexandria Gazette
6/3/1837	$8.25	$10.57	Alexandria Gazette
7/27/1837	$7.80	$9.99	Alexandria Gazette
8/17/1837	$8.00	$10.25	Alexandria Gazette
9/5/1837	$8.25	$10.57	Alexandria Gazette
10/19/1837	$8.25	$10.57	Alexandria Gazette
11/7/1837	$8.38	$10.73	Alexandria Gazette
12/2/1837	$9.00	$11.53	Alexandria Gazette
1/11/1838	$8.25	$10.91	Alexandria Gazette
2/3/1838	$7.00	$9.26	Alexandria Gazette
3/8/1838	$7.50	$9.92	Alexandria Gazette
5/12/1838	$7.30	$9.65	Alexandria Gazette
9/1/1838	$7.00	$9.26	Alexandria Gazette
10/23/1838	$7.25	$9.59	Alexandria Gazette
11/8/1838	$7.50	$9.92	Alexandria Gazette
12/29/1838	$7.63	$10.08	Alexandria Gazette
1/3/1839	$7.63	$10.08	Alexandria Gazette
2/2/1839	$7.77	$10.28	Alexandria Gazette
3/2/1839	$7.00	$9.26	Alexandria Gazette
4/13/1839	$6.88	$9.09	Alexandria Gazette
5/2/1839	$6.75	$8.93	Alexandria Gazette
6/13/1839	$5.75	$7.60	Alexandria Gazette
7/2/1839	$5.25	$6.94	Alexandria Gazette
8/13/1839	$5.90	$7.80	Alexandria Gazette
9/3/1839	$5.83	$7.71	Alexandria Gazette
11/5/1839	$6.00	$7.94	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
12/12/1839	$5.00	$6.61	Alexandria Gazette
1/7/1840	$5.00	$7.07	Alexandria Gazette
2/4/1840	$5.25	$7.42	Alexandria Gazette
3/3/1840	$4.75	$6.72	Alexandria Gazette
4/4/1840	$4.56	$6.45	Alexandria Gazette
5/14/1840	$4.38	$6.19	Alexandria Gazette
6/2/1840	$4.38	$6.19	Alexandria Gazette
7/10/1840	$4.25	$6.01	Alexandria Gazette
8/15/1840	$5.25	$7.42	Alexandria Gazette
9/15/1840	$5.00	$7.07	Alexandria Gazette
10/22/1840	$5.00	$7.07	Alexandria Gazette
11/21/1840	$4.75	$6.72	Alexandria Gazette
12/17/1840	$4.50	$6.36	Alexandria Gazette
1/5/1841	$4.38	$6.19	Alexandria Gazette
2/2/1841	$4.25	$6.01	Alexandria Gazette
3/4/1841	$4.13	$5.83	Alexandria Gazette
4/2/1841	$4.13	$5.83	Alexandria Gazette
5/4/1841	$4.25	$6.01	Alexandria Gazette
6/15/1841	$4.75	$6.72	Alexandria Gazette
7/7/1841	$5.13	$7.25	Alexandria Gazette
8/21/1841	$5.88	$8.31	Alexandria Gazette
9/11/1841	$6.75	$9.54	Alexandria Gazette
10/2/1841	$5.75	$8.13	Alexandria Gazette
12/10/1841	$6.00	$8.48	Alexandria Gazette
1/6/1842	$5.63	$8.44	Alexandria Gazette
2/8/1842	$5.25	$7.88	Alexandria Gazette
3/5/1842	$5.32	$7.98	Alexandria Gazette
4/2/1842	$5.37	$8.06	Alexandria Gazette
5/3/1842	$5.75	$8.63	Alexandria Gazette
6/4/1842	$5.75	$8.63	Alexandria Gazette
7/6/1842	$5.50	$8.25	Alexandria Gazette
8/6/1842	$5.50	$8.25	Alexandria Gazette
9/6/1842	$4.50	$6.75	Alexandria Gazette
10/4/1842	$4.00	$6.00	Alexandria Gazette
11/1/1842	$3.88	$5.81	Alexandria Gazette
12/9/1842	$4.00	$6.00	Alexandria Gazette
1/2/1843	$3.80	$6.32	Alexandria Gazette
2/1/1843	$3.50	$5.82	Alexandria Gazette
3/1/1843	$3.38	$5.61	Alexandria Gazette
4/3/1843	$3.63	$6.03	Alexandria Gazette
5/2/1843	$3.50	$5.82	Alexandria Gazette
6/1/1843	$4.25	$7.06	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
7/1/1843	$5.00	$8.31	Alexandria Gazette
8/1/1843	$4.75	$7.90	Alexandria Gazette
9/19/1843	$4.50	$7.48	Alexandria Gazette
10/3/1843	$4.25	$7.06	Alexandria Gazette
11/2/1843	$4.00	$6.65	Alexandria Gazette
12/12/1843	$4.02	$6.68	Alexandria Gazette
1/4/1844	$4.02	$6.59	Alexandria Gazette
2/3/1844	$4.25	$6.97	Alexandria Gazette
3/2/1844	$4.40	$7.22	Alexandria Gazette
4/2/1844	$4.25	$6.97	Alexandria Gazette
5/2/1844	$4.50	$7.38	Alexandria Gazette
6/4/1844	$4.13	$6.77	Alexandria Gazette
7/6/1844	$4.00	$6.56	Alexandria Gazette
8/1/1844	$4.00	$6.56	Alexandria Gazette
9/3/1844	$3.88	$6.36	Alexandria Gazette
10/8/1844	$4.15	$6.81	Alexandria Gazette
11/5/1844	$4.19	$6.86	Alexandria Gazette
12/3/1844	$4.13	$6.77	Alexandria Gazette
1/9/1845	$4.00	$6.47	Alexandria Gazette
2/1/1845	$3.90	$6.31	Alexandria Gazette
3/1/1845	$4.07	$6.58	Alexandria Gazette
4/29/1845	$4.38	$7.08	Alexandria Gazette
5/17/1845	$4.38	$7.08	Alexandria Gazette
6/14/1845	$4.25	$6.88	Alexandria Gazette
7/3/1845	$4.25	$6.88	Alexandria Gazette
8/14/1845	$4.38	$7.08	Alexandria Gazette
9/2/1845	$4.44	$7.19	Alexandria Gazette
10/9/1845	$4.50	$7.28	Alexandria Gazette
11/1/1845	$5.13	$8.29	Alexandria Gazette
12/2/1845	$6.00	$9.71	Alexandria Gazette
1/1/1846	$5.00	$7.99	Alexandria Gazette
2/3/1846	$4.63	$7.39	Alexandria Gazette
3/7/1846	$4.50	$7.19	Alexandria Gazette
4/7/1846	$4.50	$7.19	Alexandria Gazette
5/7/1846	$4.00	$6.39	Alexandria Gazette
6/6/1846	$3.75	$5.99	Alexandria Gazette
8/8/1846	$3.63	$5.79	Alexandria Gazette
9/1/1846	$3.63	$5.79	Alexandria Gazette
10/13/1846	$4.75	$7.59	Alexandria Gazette
11/3/1846	$5.00	$7.99	Alexandria Gazette
1/23/1847	$4.52	$6.78	Alexandria Gazette
4/3/1847	$5.63	$8.44	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
5/20/1847	$8.50	$12.75	Winchester Republican
9/4/1847	$5.25	$7.88	Alexandria Gazette
10/9/1847	$5.50	$8.25	Alexandria Gazette
11/2/1847	$6.13	$9.19	Alexandria Gazette
12/14/1847	$6.06	$9.09	Alexandria Gazette
1/8/1848	$5.75	$8.95	Alexandria Gazette
2/1/1848	$6.63	$10.32	Alexandria Gazette
3/4/1848	$5.38	$8.37	Alexandria Gazette
4/4/1848	$5.50	$8.56	Alexandria Gazette
5/4/1848	$5.50	$8.56	Alexandria Gazette
6/1/1848	$6.50	$10.12	Alexandria Gazette
7/18/1848	$5.50	$8.56	Alexandria Gazette
8/3/1848	$5.50	$8.56	Alexandria Gazette
9/2/1848	$5.00	$7.79	Alexandria Gazette
10/3/1848	$5.13	$7.98	Alexandria Gazette
11/2/1848	$5.00	$7.79	Alexandria Gazette
12/5/1848	$4.88	$7.59	Alexandria Gazette
1/9/1849	$4.63	$7.39	Alexandria Gazette
2/3/1849	$4.63	$7.39	Alexandria Gazette
3/1/1849	$4.63	$7.39	Alexandria Gazette
4/3/1849	$4.13	$6.59	Alexandria Gazette
5/1/1849	$4.38	$6.99	Alexandria Gazette
6/7/1849	$4.38	$6.99	Alexandria Gazette
7/14/1849	$4.38	$6.99	Alexandria Gazette
8/2/1849	$4.63	$7.39	Alexandria Gazette
9/13/1849	$5.00	$7.99	Alexandria Gazette
10/23/1849	$4.75	$7.59	Alexandria Gazette
12/11/1849	$4.63	$7.39	Alexandria Gazette
1/15/1850	$4.63	$7.29	Alexandria Gazette
4/11/1850	$4.63	$7.29	Alexandria Gazette
7/25/1850	$5.13	$8.08	Alexandria Gazette
9/10/1850	$4.75	$7.49	Alexandria Gazette
10/8/1850	$4.75	$7.49	Alexandria Gazette
12/31/1850	$4.56	$7.18	Alexandria Gazette
1/11/1851	$4.50	$7.19	Alexandria Gazette
2/4/1851	$4.50	$7.19	Alexandria Gazette
3/6/1851	$4.25	$6.79	Alexandria Gazette
4/3/1851	$4.25	$6.79	Alexandria Gazette
5/3/1851	$4.25	$6.79	Alexandria Gazette
6/10/1851	$4.00	$6.39	Alexandria Gazette
7/15/1851	$4.00	$6.39	Alexandria Gazette
8/12/1851	$4.00	$6.39	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
9/6/1851	$3.75	$5.99	Alexandria Gazette
10/2/1851	$3.75	$5.99	Alexandria Gazette
11/13/1851	$3.88	$6.19	Alexandria Gazette
12/2/1851	$3.75	$5.99	Alexandria Gazette
1/3/1852	$4.00	$6.39	Alexandria Gazette
2/3/1852	$4.00	$6.39	Alexandria Gazette
3/18/1852	$4.00	$6.39	Alexandria Gazette
4/8/1852	$3.75	$5.99	Alexandria Gazette
5/11/1852	$4.25	$6.79	Alexandria Gazette
6/3/1852	$4.00	$6.39	Alexandria Gazette
7/10/1852	$4.13	$6.59	Alexandria Gazette
8/3/1852	$4.00	$6.39	Alexandria Gazette
10/2/1852	$4.13	$6.59	Alexandria Gazette
11/2/1852	$4.50	$7.19	Alexandria Gazette
12/2/1852	$4.75	$7.59	Alexandria Gazette
2/10/1853	$5.07	$8.09	Alexandria Gazette
7/12/1853	$4.63	$7.39	Alexandria Gazette
8/23/1853	$5.00	$7.99	Alexandria Gazette
9/15/1853	$6.00	$9.58	Alexandria Gazette
10/18/1853	$6.63	$10.58	Alexandria Gazette
11/1/1853	$6.50	$10.38	Alexandria Gazette
12/8/1853	$6.63	$10.58	Alexandria Gazette
1/5/1854	$7.00	$10.25	Alexandria Gazette
2/2/1854	$8.25	$12.08	Alexandria Gazette
3/2/1854	$7.38	$10.80	Alexandria Gazette
4/4/1854	$7.00	$10.25	Alexandria Gazette
5/4/1854	$8.00	$11.71	Alexandria Gazette
6/3/1854	$8.38	$12.26	Alexandria Gazette
7/1/1854	$8.00	$11.71	Alexandria Gazette
8/1/1854	$8.25	$12.08	Alexandria Gazette
10/12/1854	$7.50	$10.98	Alexandria Gazette
12/2/1854	$8.23	$12.05	Alexandria Gazette
2/3/1855	$8.38	$11.84	Alexandria Gazette
3/22/1855	$8.63	$12.19	Alexandria Gazette
4/10/1855	$9.63	$13.61	Alexandria Gazette
5/8/1855	$10.13	$14.31	Alexandria Gazette
6/5/1855	$10.88	$15.38	Alexandria Gazette
7/3/1855	$9.75	$13.78	Alexandria Gazette
8/23/1855	$8.63	$12.19	Alexandria Gazette
9/13/1855	$7.75	$10.96	Alexandria Gazette
10/30/1855	$9.00	$12.72	Alexandria Gazette
11/8/1855	$9.13	$12.90	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
3/15/1856	$7.13	$10.31	Alexandria Gazette
4/1/1856	$7.13	$10.31	Alexandria Gazette
5/6/1856	$6.00	$8.68	Alexandria Gazette
6/17/1856	$6.00	$8.68	Alexandria Gazette
12/6/1856	$6.50	$9.41	Alexandria Gazette
1/1/1857	$6.38	$9.01	Alexandria Gazette
2/3/1857	$6.38	$9.01	Alexandria Gazette
4/2/1857	$6.62	$9.36	Alexandria Gazette
5/3/1857	$6.00	$8.48	Alexandria Gazette
6/2/1857	$6.82	$9.64	Alexandria Gazette
7/4/1857	$7.00	$9.90	Alexandria Gazette
8/1/1857	$7.25	$10.25	Alexandria Gazette
10/1/1857	$5.50	$7.78	Alexandria Gazette
11/7/1857	$5.25	$7.42	Alexandria Gazette
12/3/1857	$5.13	$7.25	Alexandria Gazette
1/2/1858	$4.50	$6.75	Alexandria Gazette
2/6/1858	$4.50	$6.75	Alexandria Gazette
3/6/1858	$4.50	$6.75	Alexandria Gazette
4/8/1858	$4.50	$6.75	Alexandria Gazette
5/1/1858	$4.38	$6.56	Alexandria Gazette
6/3/1858	$4.38	$6.56	Alexandria Gazette
7/1/1858	$4.25	$6.38	Alexandria Gazette
8/5/1858	$4.50	$6.75	Alexandria Gazette
9/25/1858	$5.50	$8.25	Alexandria Gazette
10/23/1858	$5.50	$8.25	Alexandria Gazette
11/20/1858	$5.00	$7.50	Alexandria Gazette
12/25/1858	$5.00	$7.50	Alexandria Gazette
1/27/1859	$5.50	$8.15	Alexandria Gazette
3/10/1859	$6.25	$9.26	Alexandria Gazette
4/5/1859	$6.25	$9.26	Alexandria Gazette
5/26/1859	$7.13	$10.56	Alexandria Gazette
6/2/1859	$7.75	$11.48	Alexandria Gazette
7/2/1859	$6.50	$9.63	Alexandria Gazette
8/9/1859	$5.25	$7.78	Alexandria Gazette
9/1/1859	$5.13	$7.59	Alexandria Gazette
10/1/1859	$5.00	$7.41	Alexandria Gazette
11/1/1859	$5.25	$7.78	Alexandria Gazette
12/8/1859	$5.31	$7.87	Alexandria Gazette
1/21/1860	$5.25	$7.78	Alexandria Gazette
2/16/1860	$5.25	$7.78	Alexandria Gazette
3/22/1860	$5.75	$8.52	Alexandria Gazette
4/5/1860	$5.63	$8.34	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price, Adjusted to 1810	Paper
5/12/1860	$6.00	$8.89	Alexandria Gazette
6/7/1860	$5.50	$8.15	Alexandria Gazette
8/28/1860	$5.25	$7.78	Alexandria Gazette
10/2/1860	$5.63	$8.34	Alexandria Gazette
11/3/1860	$5.50	$8.15	Alexandria Gazette

Table 11: Flour brought into Alexandria, Georgetown, and Baltimore, 1830-1860

This table lists the amount of flour brought into Alexandria, Georgetown, and Baltimore. The graphs in Chapter 5 combine Alexandria and Georgetown and only have data for years where imports from both cities are available. Alexandria and Georgetown data from Comp (1978, 273-274, 279-280). Baltimore data from *Merchants' Magazin*e (1861, 132) and *The American Farmer* (1858, 263).

Year	Alexandria	Georgetown	Baltimore
1830	187,832	139,713	597,804
1831	193,735	194,976	555,141
1832		152,772	527,446
1833	125,668	108,230	533,656
1834	102,925	119,685	489,365
1835	66,438	110,840	527,266
1836	36,543	108,513	400,720
1837	38,604	61,618	399,064
1838	36,426	43,058	430,247
1839		209,549	560,875
1840	51,089		779,918
1841	61,221		628,974
1842	18,584	242,946	558,282
1843			560,431
1844			499,501
1845			576,745
1846			850,116
1847			959,456
1848			736,441
1849	47,758		764,519
1850			896,592
1851			912,498
1852			1,307,166
1853			1,183,704
1854			837,195
1855			957,739
1856			940,314
1857	77,186		855,914
1858	86,528		
1859	61,331		
1860	77,013		

Table 12: Average Baltimore foreign exports, 1840-1860

This table has the average amount of flour exported from Baltimore to various foreign ports between 1840-1844, 1845-1850, 1851-1855, and 1856-1860. Data from Rutter (1897, 18).

Exported To	1840-1844	1846-1850	1851-1855	1856-1860
Brazil	107,438	108,021	122,725	128,087
Uruguay and Argentina	7,134	12,483	17,808	25,977
Venezuela	12,737	10,189	8,650	3,988
United Kingdom	25,530	112,320	175,841	67,055
West Indies	99,121	110,329	139,918	150,586

Table 14: Prices used to establish Baltimore flour prices, 1821-1841

This table contains the price data used to establish the average yearly price Baltimore merchants paid for a barrel of flour. When multiple prices for a single month were available, only the earliest reported price was used unless the earliest price from the preceding month was in the second half of the month, in which case a price from the middle of the month was selected to prevent price points from being too close together. Baltimore had multiple flour markets, each with their own prices, but most Valley flour went to the Howard Street Market, as the other major market (City Mills) was for flour milled in Baltimore. When individual markets were specified, Howard Street was used. Often, the prices of "wagon" flour were distinguished from "store" flour, and when this was the case, wagon prices were used as store prices were resale values within the city, while wagon prices were prices paid for flour imported into Baltimore. All prices are for superfine flour when this option was available.

Date	Price of Flour, per Barrel	Flour Price (1810)	Paper
3/17/1821	$4.28	$3.94	Winchester Republican
4/14/1821	$3.99	$3.67	Winchester Republican
5/12/1821	$4.87	$4.48	Winchester Republican
7/14/1821	$5.17	$4.76	Winchester Republican
8/18/1821	$5.76	$5.30	Winchester Republican
9/22/1821	$5.92	$5.44	Winchester Republican
10/26/1821	$9.48	$8.72	The American Farmer
6/28/1822	$7.46	$7.09	The American Farmer
11/1/1822	$7.18	$6.83	The American Farmer
12/20/1822	$7.60	$7.22	The American Farmer
1/17/1823	$9.46	$8.04	The American Farmer
2/14/1823	$9.46	$8.04	The American Farmer
3/7/1823	$9.81	$8.34	The American Farmer
5/9/1823	$9.98	$8.48	The American Farmer
6/6/1823	$9.98	$8.48	The American Farmer
7/11/1823	$9.98	$8.48	The American Farmer
8/1/1823	$9.98	$8.48	The American Farmer
9/19/1823	$9.98	$8.48	The American Farmer
11/14/1823	$9.29	$7.90	The American Farmer
2/13/1824	$11.66	$9.21	The American Farmer
3/12/1824	$9.04	$7.14	The American Farmer
4/2/1824	$9.24	$7.30	The American Farmer
5/21/1824	$9.24	$7.30	The American Farmer
6/4/1824	$9.65	$7.62	The American Farmer
7/9/1824	$9.34	$7.38	The American Farmer
8/13/1824	$9.03	$7.14	The American Farmer
9/24/1824	$8.44	$6.67	The American Farmer
10/8/1824	$8.63	$6.82	The American Farmer
11/12/1824	$8.64	$6.83	The American Farmer
12/10/1824	$8.24	$6.51	The American Farmer

Date	Price of Flour, per Barrel	Flour Price (1810)	Paper
6/29/1826	$7.17	$5.74	Genius of Universal Emancipation
7/22/1826	$7.16	$5.73	Genius of Universal Emancipation
9/23/1826	$7.94	$6.36	Genius of Universal Emancipation
10/7/1826	$7.94	$6.36	Genius of Universal Emancipation
9/23/1828	$9.84	$7.58	Niles' Weekly Register
10/4/1828	$10.05	$7.74	Genius of Universal Emancipation
11/15/1828	$13.40	$10.32	Phenix Gazette
12/6/1828	$12.77	$9.84	Genius of Universal Emancipation
3/21/1829	$13.89	$10.56	Phenix Gazette
4/3/1829	$13.67	$10.39	Phenix Gazette
5/11/1829	$11.07	$8.42	Phenix Gazette
6/2/1829	$11.29	$8.58	Phenix Gazette
7/3/1829	$11.72	$8.91	Phenix Gazette
8/3/1829	$9.55	$7.26	Phenix Gazette
9/14/1829	$9.34	$7.10	Phenix Gazette
10/5/1829	$9.55	$7.26	Phenix Gazette
11/7/1829	$9.99	$7.59	Phenix Gazette
12/14/1829	$8.90	$6.77	Phenix Gazette
1/19/1830	$8.26	$6.20	Phenix Gazette
2/1/1830	$7.92	$5.94	Phenix Gazette
3/23/1830	$7.71	$5.78	Phenix Gazette
4/6/1830	$7.71	$5.78	Phenix Gazette
5/11/1830	$8.49	$6.37	Phenix Gazette
6/15/1830	$8.37	$6.28	Phenix Gazette
7/13/1830	$8.93	$6.70	Phenix Gazette
8/13/1830	$9.83	$7.37	Phenix Gazette
9/6/1830	$9.83	$7.37	Phenix Gazette
10/12/1830	$9.38	$7.04	Phenix Gazette
11/8/1830	$9.05	$6.79	Phenix Gazette
12/6/1830	$9.05	$6.79	Phenix Gazette
1/6/1831	$11.92	$8.46	Phenix Gazette
2/21/1831	$11.67	$8.28	Phenix Gazette
3/14/1831	$13.04	$9.26	Phenix Gazette
4/11/1831	$12.91	$9.17	Phenix Gazette
5/9/1831	$11.05	$7.85	Phenix Gazette
6/6/1831	$10.43	$7.40	Phenix Gazette
7/2/1831	$10.72	$7.61	Phenix Gazette
8/6/1831	$10.43	$7.40	Phenix Gazette
9/3/1831	$10.92	$7.76	Phenix Gazette
10/6/1831	$12.41	$8.81	Phenix Gazette
11/5/1831	$10.18	$7.23	Phenix Gazette
12/3/1831	$10.67	$7.58	Phenix Gazette

Date	Price of Flour, per Barrel	Flour Price (1810)	Paper
1/11/1831	$13.37	$9.49	Phenix Gazette
1/21/1832	$11.24	$7.87	Phenix Gazette
3/10/1832	$9.70	$6.79	Phenix Gazette
4/12/1832	$10.73	$7.51	Phenix Gazette
5/5/1832	$10.73	$7.51	Phenix Gazette
5/29/1832	$11.11	$7.78	Phenix Gazette
6/28/1832	$13.02	$9.12	Phenix Gazette
7/9/1832	$13.02	$9.12	Phenix Gazette
8/11/1832	$12.77	$8.94	Phenix Gazette
9/14/1832	$11.75	$8.22	Phenix Gazette
10/15/1832	$12.51	$8.76	Phenix Gazette
11/15/1832	$12.77	$8.94	Phenix Gazette
12/8/1832	$12.77	$8.94	Phenix Gazette
1/5/1833	$11.81	$8.03	Phenix Gazette
2/4/1833	$12.88	$8.76	Phenix Gazette
3/9/1833	$11.00	$7.48	Phenix Gazette
4/4/1833	$11.81	$8.03	Phenix Gazette
5/7/1833	$12.08	$8.21	Phenix Gazette
6/12/1833	$11.54	$7.85	Phenix Gazette
7/11/1833	$12.08	$8.21	Phenix Gazette
8/8/1833	$13.15	$8.94	Phenix Gazette
9/5/1833	$13.15	$8.94	Phenix Gazette
10/3/1833	$13.15	$8.94	Phenix Gazette
11/4/1833	$12.08	$8.21	Phenix Gazette
12/5/1833	$12.35	$8.40	Phenix Gazette
1/7/1834	$10.69	$7.48	Phenix Gazette
2/7/1834	$10.43	$7.30	Phenix Gazette
3/6/1834	$9.39	$6.57	Phenix Gazette
4/7/1834	$9.13	$6.39	Phenix Gazette
5/5/1834	$9.70	$6.79	Phenix Gazette
6/5/1834	$9.70	$6.79	Phenix Gazette
7/3/1834	$10.21	$7.15	Phenix Gazette
8/7/1834	$10.47	$7.33	Phenix Gazette
9/11/1834	$10.47	$7.33	Phenix Gazette
10/6/1834	$10.21	$7.15	Phenix Gazette
11/6/1834	$10.47	$7.33	Phenix Gazette
12/8/1834	$9.70	$6.79	Phenix Gazette
1/5/1835	$8.75	$6.30	Alexandria Gazette
1/9/1835	$10.44	$7.52	Christian Advocate and Journal
2/5/1835	$8.88	$6.39	Alexandria Gazette
5/15/1835	$13.61	$9.80	Christian Advocate and Journal
5/29/1835	$12.64	$9.10	Christian Advocate and Journal

Date	Price of Flour, per Barrel	Flour Price (1810)	Paper
9/18/1835	$12.15	$8.75	Christian Advocate and Journal
11/6/1835	$12.64	$9.10	Christian Advocate and Journal
11/7/1835	$11.91	$8.58	Alexandria Gazette
12/3/1835	$13.13	$9.45	Alexandria Gazette
1/4/1836	$11.72	$8.91	Alexandria Gazette
2/4/1836	$11.51	$8.75	Alexandria Gazette
3/10/1836	$11.94	$9.08	Alexandria Gazette
4/7/1836	$11.72	$8.91	Alexandria Gazette
5/12/1836	$11.72	$8.91	Alexandria Gazette
6/8/1836	$11.72	$8.91	Alexandria Gazette
7/14/1836	$13.03	$9.90	Alexandria Gazette
8/11/1836	$13.24	$10.07	Alexandria Gazette
9/10/1836	$15.63	$11.88	Alexandria Gazette
10/6/1836	$16.50	$12.54	Alexandria Gazette
11/10/1836	$16.50	$12.54	Alexandria Gazette
12/15/1836	$18.24	$13.86	Alexandria Gazette
1/5/1837	$16.82	$13.12	Alexandria Gazette
2/4/1837	$16.82	$13.12	Alexandria Gazette
3/4/1837	$16.82	$13.12	Alexandria Gazette
4/13/1837	$13.54	$10.56	Alexandria Gazette
5/4/1837	$13.54	$10.56	Alexandria Gazette
6/10/1837	$13.13	$10.24	Alexandria Gazette
7/13/1837	$13.13	$10.24	Alexandria Gazette
8/3/1837	$13.54	$10.56	Alexandria Gazette
9/14/1837	$13.54	$10.56	Alexandria Gazette
10/5/1837	$13.54	$10.56	Alexandria Gazette
11/11/1837	$14.36	$11.20	Alexandria Gazette
12/21/1837	$14.36	$11.20	Alexandria Gazette
1/11/1838	$13.89	$10.56	Alexandria Gazette
2/15/1838	$13.03	$9.90	Alexandria Gazette
3/8/1838	$13.46	$10.23	Alexandria Gazette
5/17/1838	$13.03	$9.90	Alexandria Gazette
6/23/1838	$13.46	$10.23	Alexandria Gazette
7/19/1838	$12.16	$9.24	Alexandria Gazette
8/25/1838	$11.94	$9.08	Alexandria Gazette
10/6/1838	$13.24	$10.07	Alexandria Gazette
11/8/1838	$13.24	$10.07	Alexandria Gazette
12/6/1838	$13.46	$10.23	Alexandria Gazette
1/5/1839	$13.68	$10.40	Alexandria Gazette
2/7/1839	$13.89	$10.56	Alexandria Gazette
3/9/1839	$12.81	$9.74	Alexandria Gazette
4/6/1839	$12.48	$9.48	Alexandria Gazette

Date	Price of Flour, per Barrel	Flour Price (1810)	Paper
5/4/1839	$12.16	$9.24	Alexandria Gazette
6/13/1839	$11.07	$8.42	Alexandria Gazette
7/4/1839	$9.99	$7.59	Alexandria Gazette
8/8/1839	$10.64	$8.09	Alexandria Gazette
9/5/1839	$9.99	$7.59	Alexandria Gazette
10/10/1839	$8.68	$6.60	Alexandria Gazette
11/9/1839	$10.42	$7.92	Alexandria Gazette
12/7/1839	$9.99	$7.59	Alexandria Gazette
1/4/1840	$10.43	$7.40	Alexandria Gazette
2/15/1840	$10.92	$7.76	Alexandria Gazette
3/4/1840	$9.93	$7.05	The American Farmer and Spirit of the Agricultural Journals of the Day
4/15/1840	$9.43	$6.70	The American Farmer and Spirit of the Agricultural Journals of the Day
5/7/1840	$9.43	$6.70	Alexandria Gazette
6/5/1840	$8.94	$6.35	Alexandria Gazette
7/8/1840	$9.43	$6.70	Alexandria Gazette
8/6/1840	$10.43	$7.40	Alexandria Gazette
9/9/1840	$10.18	$7.23	Alexandria Gazette
10/14/1840	$10.05	$7.13	Alexandria Gazette
11/7/1840	$9.68	$6.87	Alexandria Gazette
12/2/1840	$9.56	$6.79	The American Farmer and Spirit of the Agricultural Journals of the Day
1/20/1841	$8.68	$6.16	The American Farmer and Spirit of the Agricultural Journals of the Day
2/24/1841	$8.82	$6.26	The American Farmer and Spirit of the Agricultural Journals of the Day
3/4/1841	$8.44	$5.99	Alexandria Gazette
4/8/1841	$9.43	$6.70	The American Farmer and Spirit of the Agricultural Journals of the Day
5/6/1841	$8.69	$6.17	Alexandria Gazette
6/16/1841	$9.68	$6.87	The American Farmer and Spirit of the Agricultural Journals of the Day
7/8/1841	$10.92	$7.76	Alexandria Gazette
8/25/1841	$12.16	$8.64	The American Farmer and Spirit of the Agricultural Journals of the Day
9/8/1841	$13.90	$9.87	The American Farmer and Spirit of the Agricultural Journals of the Day
10/22/1841	$11.42	$8.11	Alexandria Gazette
11/10/1841	$11.42	$8.11	The American Farmer and Spirit of the Agricultural Journals of the Day
12/8/1841	$12.16	$8.64	Alexandria Gazette

Appendix E: Supplementary Data for Chapter 7

Table 1: Transactions by Enslaved Customers in Shenandoah Valley Merchants' Ledgers

Transcribed entries in the merchants' ledgers conducted by enslaved Shenandoahans. In the Ledger column, Charles. and Char. indicate the ledgers from the unknown store in Charlestown, Win. is the ledger from unknown stores in Winchester, Middle. is the unknown ledger from Middletown, Sper. is Edward Sperry's store, Stras. is the unknown store in Strasburg, H&S is the Homer and Nelson store, Gore is the Mahon Gore store, BS is the Baker store, and Grif. is James Griffith's store.

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Charles. 1795	1795	6/6	Young, John	Boy (Mr. Hill's)	Bought	Tool	Knife			1		1.00
Charles. 1795	1795	6/6	Anderson, John	Boy	Bought	Alcohol	Spirits		0.125			1.00
Charles. 1795	1795	6/6	Anderson, John	Boy	Bought	Alcohol	Wine		0.125			1.00
Charles. 1795	1795	6/8	Anderson, John	Boy	Bought	Alcohol	Spirits		0.125			3.00
Charles. 1795	1795	6/8	Anderson, John	Boy	Bought	Alcohol	Spirits		0.375			1.00
Charles. 1795	1795	6/9	Anderson, John	Boy	Bought	Alcohol	Spirits		0.125			3.75
Charles. 1795	1795	6/23	Rutherford, Thomas	Boy	Bought	Alcohol	Spirits		0.375			2.50
Charles. 1795	1795	6/24	Steward, James	Boy	Bought	Alcohol	Spirits		0.25			2.75
Charles. 1795	1795	6/25	Montgaul, Richard	Negroe Adam	Bought	Sundries						2.50
Charles. 1795	1795	6/25	Steward, James	Boy	Bought	Alcohol	Spirits		0.25			1.50
Charles. 1795	1795	6/26	Hanes, John	Boy	Bought	Coffee		1				1.00
Charles. 1795	1795	6/30	Anderson, John	Boy	Bought	Alcohol	Wine		0.125			0.67
Charles. 1795	1795	7/1	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.125			9.00
Charles. 1795	1795	7/13	Thompson, Thomas	Boy	Bought	Alcohol	Whiskey		2			1.50
Charles. 1795	1795	7/18	Hite, George	Girl	Bought	Candles		1				0.67
Charles. 1795	1795	7/25	Brigland, John	Girl	Bought	Alcohol	Whiskey		0.125			3.00
Charles. 1795	1795	7/27	Shope, William	Boy	Bought	Illegible				1 tin		3.17
Charles. 1795	1795	7/27	Shope, William	Boy	Bought	Cloth	Cotton (Stripe)			1.25 yards		1.25
Charles. 1795	1795	7/27	Shope, William	Boy	Bought	Alcohol	Spirits		0.125			1.92
Charles. 1795	1795	8/3	Anderson, John	Boy	Bought	Alcohol	Wine		0.125			0.92
Charles. 1795	1795	8/4	Anderson, John	Boy	Bought	Sugar	Brown	1				0.67
Charles. 1795	1795	8/4	Brigland, John	Girl	Bought	Alcohol	Whiskey		0.125			0.00
Charles. 1795	1795	8/18	Darke, Gen.	Boy	Bought	Rope	Large			1		0.92
Charles. 1795	1795	8/19	Anderson, John	Boy	Bought	Sugar		1				2.42
Charles. 1795	1795	8/19	Anderson, John	Boy	Bought	Tea	Souchong	0.25				1.00
Charles. 1795	1795	8/19	Anderson, John	Boy	Bought	Alcohol	Wine		0.125			0.17
Charles. 1795	1795	9/16	Anderson, Mahone	Girl	Bought	Thread	Silk?					1.25
Charles. 1795	1795	9/23	Hanes, John	Boy	Bought	Alcohol	Whiskey		0.25			10.50
Charles. 1795	1795	10/2	Briscoe, George	Boy	Bought	Tea	Hyson	1				0.33

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Charles. 1795	1795	10/12	Frame?, Mathew	Boy	Bought	Buckle	Illegible			2		2.50
Charles. 1795	1795	10/12	Flagg, Thomas	Girl	Bought	Alcohol	Spirits		0.25			6.50
Charles. 1795	1795	10/15	Tiffen, Joseph & Ed	Boy	Bought	Sugar	Brown	6				1.50
Charles. 1795	1795	10/15	Tiffen, Joseph & Ed	Boy	Bought	Spices	Nutmeg	1				1.25
Charles. 1795	1795	10/17	Anderson, John	Boy	Bought	Alcohol	Spirits		0.125			1.08
Charles. 1795	1795	10/19	Anderson, John	Boy	Bought	Sugar		1				4.00
Charles. 1795	1795	10/20	Potts, John	Boy	Bought	Salt	Fine			0.5 bushel		1.25
Charles. 1795	1795	10/20	Anderson, John	Boy	Bought	Alcohol	Spirits		0.125			9.00
Charles. 1795	1795	10/30	Flagg, Thomas	Negro Man	Bought	Alcohol	Whiskey		2			0.75
Charles. 1795	1795	11/6	Flagg, Thomas	Boy	Bought	Nails	7d?			50		1.67
Charles. 1795	1795	11/6	Flagg, Thomas	Girl	Bought	Spices	Pepper	0.5				2.25
Charles. 1795	1795	11/10	Berton, Joshua	Boy	Bought	Alcohol	Whiskey		0.5			10.00
Charles. 1795	1795	11/11	Potts, John	Backus	Bought	Candles		6				3.83
Charles. 1795	1795	11/11	Nysong, Michael	Boy	Bought	Iron		10.25				6.00
Charles. 1795	1795	11/11	Potts, John	Backus	Bought	Sugar		6				0.75
Charles. 1795	1795	11/18	Rutherford, Robert	Boy	Bought	Allum		1				1.00
Charles. 1795	1795	11/18	Anderson, John	Boy	Bought	Sugar		1				9.00
Charles. 1795	1795	11/18	Gaunt, John	Boy	Bought	Salt	Fine			1 bushel		2.50
Charles. 1795	1795	11/18	Miller, John	Girl	Bought	Alcohol	Rum		0.25			1.25
Charles. 1795	1795	11/18	Ridgeway, Edward	Boy	Bought	Alcohol	Whiskey		0.25			1.25
Charles. 1795	1795	11/19	Miller, John	Girl	Bought	Molasses			0.25			11.25
Charles. 1795	1795	11/20	Vilot, Edward	Boy	Bought	Alcohol	Whiskey		2.5			0.67
Charles. 1795	1795	11/21	Young, Joseph	Boy	Bought	Alcohol	Whiskey		0.125			1.75
Charles. 1795	1795	11/25	Anderson, John	Boy	Bought	Coffee		1				1.00
Charles. 1795	1795	11/25	Anderson, John	Boy	Bought	Sugar		1				4.75
Charles. 1795	1795	11/27	Miller, John	Girl	Bought	Molasses			0.5			0.67
Charles. 1795	1795	12/1	Anderson, John	Boy	Bought	Indigo				1 ounce		0.67
Charles. 1795	1795	12/11	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.125			2.50
Charles. 1795	1795	12/12	Miller, John	Girl	Bought	Molasses			0.5			1.25
Charles. 1795	1795	12/12	Young, John	Negro	Bought	Molasses			0.25			1.25

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Charles. 1795	1795	12/12	Young, John	Negro	Bought	Alcohol	Whiskey		0.25			2.00
Charles. 1795	1795	12/14	Anderson, John	Boy	Bought	Sugar		2				1.67
Charles. 1795	1795	12/18	Miller, John	Girl	Bought	Candles		1				1.25
Charles. 1795	1795	12/18	Johnston, William	Boy	Bought	Alcohol	Whiskey		0.25			1.25
Charles. 1795	1795	12/21	Miller, John	Girl	Bought	Molasses			0.25			1.83
Charles. 1795	1795	12/21	Miller, John	Girl	Bought	Sugar	Brown	2				2.42
Charles. 1795	1795	12/21	Miller, John	Girl	Bought	Tea	H.	0.25				4.50
Charles. 1795	1795	12/21	White, Sally	Girl	Bought	Alcohol	Spirits		0.5			1.83
Charles. 1795	1795	12/22	Anderson, John	Boy	Bought	Sugar		2				0.75
Char. 1796-97	1796	6/27	Tiffen, Joseph & Edward	Boy	Bought	Alcohol	Whiskey		0.125			0.42
Char. 1796-97	1796	7/2	Anderson, John	Boy	Bought	Thread	Sham			5		2.00
Char. 1796-97	1796	7/5	Anderson, John	Boy	Bought	Coffee		1				0.50
Char. 1796-97	1796	7/8	Gray, Samuel	Boy	Bought	Tobacco		0.5				4.50
Char. 1796-97	1796	7/8	Tate, Morgan	Girl	Bought	Alcohol	Sherry		0.375			7.75
Char. 1796-97	1796	7/8	Gray, Samuel	Boy	Bought	Alcohol	Whiskey		1.25			4.00
Char. 1796-97	1796	7/9	Gray, Samuel	Boy	Bought	Sugar	Brown	4				6.50
Char. 1796-97	1796	7/9	Gray, Samuel	Boy	Bought	Alcohol	Whiskey		1.125			2.00
Char. 1796-97	1796	7/14	?, George	Boy	Bought	Sugar		2				2.00
Char. 1796-97	1796	7/23	Anderson, John	Boy	Bought	Sugar		2				3.75
Char. 1796-97	1796	7/27	Tiffen, Joseph & Edward	Boy	Bought	Alcohol	Whiskey		0.625			3.75
Char. 1796-97	1796	7/30	Tiffen, Joseph & Edward	Negro Boy	Bought	Alcohol	Whiskey		0.625			3.08
Char. 1796-97	1796	8/1	McCormack, Edward	Boy	Bought	Alcohol	Whiskey		0.5			1.50
Char. 1796-97	1796	8/2	Hite, George	Negro Boy	Bought	Alcohol	Spirits		0.125			0.75
Char. 1796-97	1796	8/2	Hite, George	Negro Boy	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	8/3	Hite, George	Negro Boy	Bought	Alcohol	Spirits		0.125			4.50
Char. 1796-97	1796	8/3	Hite, George	Negro Boy	Bought	Alcohol	Whiskey		0.75			0.75
Char. 1796-97	1796	8/3	Nysong?, Michael	Negro Man	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	8/6	Hite, George	Negro	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	8/7	Hite, George	Girl	Bought	Alcohol	Whiskey		0.25			0.75

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1796	8/9	Stewart, James	Negro Girl	Bought	Alcohol	Whiskey		0.125			3.00
Char. 1796-97	1796	8/9	Nysong?, Michael	Negro Man	Bought	Alcohol	Whiskey		0.5			6.00
Char. 1796-97	1796	8/10	Nysong?, Michael	Negro	Bought	Alcohol	Whiskey		1			0.75
Char. 1796-97	1796	8/11	Briscoe, George	Negro Boy	Bought	Nails	10 penny?			30		0.75
Char. 1796-97	1796	8/11	Tiffen, Joseph & Edward	Edward (Negro Boy)	Bought	Alcohol	Whiskey		0.625			3.00
Char. 1796-97	1796	8/11	Briscoe, George	Negro Boy	Bought	Alcohol	Whiskey		0.5			1.50
Char. 1796-97	1796	8/13	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			3.75
Char. 1796-97	1796	8/17	Tiffen, Joseph & Edward	Boy	Bought	Alcohol	Whiskey		0.625			6.00
Char. 1796-97	1796	8/18	Saunders, Cyrus	Negro Man	Bought	Alcohol	Whiskey		1			3.75
Char. 1796-97	1796	8/19	Tiffen, Joseph & Edward	Negro Boy	Bought	Alcohol	Whiskey		0.625			0.75
Char. 1796-97	1796	8/20	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			5.00
Char. 1796-97	1796	8/22	Tiffen, Joseph & Edward	Negro Boy	Bought	Candles		3				3.75
Char. 1796-97	1796	8/22	Tiffen, Joseph & Edward	Negro Boy	Bought	Alcohol	Whiskey		0.625			0.50
Char. 1796-97	1796	8/23	Anderson, John	Boy	Bought	Indigo				1 ounce		2.33
Char. 1796-97	1796	8/23	Anderson, John	Boy	Bought	Sugar		2				3.33
Char. 1796-97	1796	8/24	Dutrow, Michael	Boy	Bought	Glue		2				3.75
Char. 1796-97	1796	8/24	Tiffen, Joseph & Edward	Boy	Bought	Alcohol	Whiskey		0.625			6.00
Char. 1796-97	1796	8/24	Saunders, Cyrus	Negro Man	Bought	Alcohol	Whiskey		1			0.67
Char. 1796-97	1796	8/25	Anderson, John	Boy	Bought	Indigo				1 ounce		1.25
Char. 1796-97	1796	8/25	Anderson, John	Boy	Bought	Soap		1				5.00
Char. 1796-97	1796	8/27	Vanuacton?, Joseph	Negro Girl	Bought	Clothing	Shoes (Small M?)			1 pair		0.75
Char. 1796-97	1796	8/27	Anderson, Mahlon	Boy	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	8/27	Vanuacton?, Joseph	Negro Girl	Bought	Alcohol	Whiskey		0.25			3.75
Char. 1796-97	1796	8/29	Tiffen, Joseph & Edward	Negro Bill	Bought	Alcohol	Whiskey		0.625			0.08
Char. 1796-97	1796	8/31	Anderson, John	Boy	Bought	Needles				3		2.17
Char. 1796-97	1796	8/31	Anderson, John	Boy	Bought	Sugar		2				0.08
Char. 1796-97	1796	8/31	Anderson, John	Boy	Bought	Thread				1		2.25
Char. 1796-97	1796	8/31	Anderson, John	Boy	Bought	Cloth	Cambic			0.25 yards		1.17

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1796	9/5	Anderson, John	Boy	Bought	Sugar		1				0.75
Char. 1796-97	1796	9/6	Breading, Robert	Boy	Bought	Tobacco		0.5				1.42
Char. 1796-97	1796	9/8	Anderson, John	Boy	Bought	Molasses			0.25			24.00
Char. 1796-97	1796	9/10	White, Alexander	Boy	Bought	Hare Finish?				1		1.42
Char. 1796-97	1796	9/10	Anderson, John	Boy	Bought	Molasses			0.25			1.17
Char. 1796-97	1796	9/10	Anderson, John	Boy	Bought	Sugar		1				0.75
Char. 1796-97	1796	9/10	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			0.75
Char. 1796-97	1796	9/13	Marke, George	Boy	Bought	Alcohol	Whiskey			0.125		6.50
Char. 1796-97	1796	9/14	Saunders, Cyrus	Negro Boy	Bought	Alcohol	French Brandy		0.5			3.25
Char. 1796-97	1796	9/14	Vanuacton?, Joseph	Negro Girl	Bought	Alcohol	French Brandy		0.25			0.75
Char. 1796-97	1796	9/14	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	9/17	Hite, George	Negro Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	9/19	McCormack, Edward	Boy	Bought	Alcohol	Whiskey		0.25			0.75
Char. 1796-97	1796	9/19	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	9/21	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			2.75
Char. 1796-97	1796	9/23	Dutrow, Michael	Boy	Bought	Molasses			0.5			13.00
Char. 1796-97	1796	9/26	Saunders, Cyrus	Boy (Davis's?)	Bought	Alcohol	French Brandy		1			10.00
Char. 1796-97	1796	10/7	Shope, William	Boy	Bought	Straining Mill?				1		3.50
Char. 1796-97	1796	10/12	Shope, William	Boy	Bought	Illegible						0.75
Char. 1796-97	1796	10/13	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			0.75
Char. 1796-97	1796	10/13	Shope, William	Boy	Bought	Alcohol	Whiskey		0.125			0.75
Char. 1796-97	1796	10/14	Shope, William	Boy	Bought	Alcohol	Whiskey		0.125			6.00
Char. 1796-97	1796	10/18	Yates, Charles	Negro Man	Bought	Gun	Gunpowder	1				3.00
Char. 1796-97	1796	10/18	Yates, Charles	Negro Man	Bought	Gun	Shot	4				9.50
Char. 1796-97	1796	10/18	?, Theodarick	Boy	Bought	Clothing	Slippers (?)			1 pair		0.75
Char. 1796-97	1796	10/19	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			3.75
Char. 1796-97	1796	10/19	Worthington, Robert	Negro Man	Bought	Alcohol	Whiskey		0.675			2.33
Char. 1796-97	1796	10/20	Marke, George	Boy	Bought	Sugar		2				0.75
Char. 1796-97	1796	10/20	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			0.75

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1796	10/25	Houseworth, Isaac	Boy	Bought	Alcohol	Whiskey		0.125			0.75
Char. 1796-97	1796	10/25	Nysong?, Michael	Boy	Bought	Alcohol	Whiskey		0.125			8.50
Char. 1796-97	1796	10/27	Hite, George	Negro Boy	Bought	Saltpeter	Fine			0.5 bushel		0.75
Char. 1796-97	1796	10/27	Vanuacton?, Joseph	Girl	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	10/27	Hite, George	Negro Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	10/29	Miller, John	Boy	Bought	Alcohol	Whiskey		0.25			2.33
Char. 1796-97	1796	11/3	Anderson, John	Boy	Bought	Sugar		2				4.83
Char. 1796-97	1796	11/3	Anderson, John	Boy	Bought	Hose	Cotton			1 pair		1.50
Char. 1796-97	1796	11/3	Anderson, John	Boy	Bought	Thread	Silk			3		6.00
Char. 1796-97	1796	11/7	Anderson, John	Boy	Bought	Alcohol	Sherry		2			0.50
Char. 1796-97	1796	11/7	Anderson, John	Boy	Bought	Thread	Silk			1		0.75
Char. 1796-97	1796	11/10	Anderson, John	Boy	Bought	Indigo				1 ounce		1.50
Char. 1796-97	1796	11/16	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			0.75
Char. 1796-97	1796	11/17	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.125			2.00
Char. 1796-97	1796	11/19	Anderson, John	Boy	Bought	Sugar		2				0.75
Char. 1796-97	1796	11/21	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			0.75
Char. 1796-97	1796	11/22	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.125			3.83
Char. 1796-97	1796	11/23	Anderson, John	Boy	Bought	Cloth	Linen			4 yards		1.50
Char. 1796-97	1796	11/23	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	11/23	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			0.75
Char. 1796-97	1796	11/25	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			1.50
Char. 1796-97	1796	11/29	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	11/30	Hanes, John	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	11/30	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	12/2	Hanes, John	Boy	Bought	Tobacco				1 twist		1.50
Char. 1796-97	1796	12/2	Hanes, John	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	12/5	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	12/7	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.25			2.25
Char. 1796-97	1796	12/7	Hanes, John	Boy	Bought	Alcohol	Whiskey		0.375			0.75
Char. 1796-97	1796	12/8	Hanes, John	Boy	Bought	Salt			0.5			1.50

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1796	12/8	Hanes, John	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	12/8	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			0.75
Char. 1796-97	1796	12/8	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			5.50
Char. 1796-97	1796	12/9	Rutherford, Robert	Negro Woman	Bought	Molasses			2			1.00
Char. 1796-97	1796	12/9	Hanes, John	Boy	Bought	Pins				1 paper		1.00
Char. 1796-97	1796	12/9	Anderson, John	Boy	Bought	Salt			0.75			0.25
Char. 1796-97	1796	12/9	Hanes, John	Boy	Bought	Taste				3 yards		3.00
Char. 1796-97	1796	12/9	Hanes, John	Boy	Bought	Sugar	Brown	3				2.67
Char. 1796-97	1796	12/9	Rutherford, Robert	Negro Woman	Bought	Cloth	Flannel			1 yard		2.00
Char. 1796-97	1796	12/9	Hanes, John	Boy	Bought	Tea	Green	0.25				0.92
Char. 1796-97	1796	12/9	Anderson, John	Boy	Bought	Spices	Pepper	0.25				9.00
Char. 1796-97	1796	12/9	Hanes, John	Boy	Bought	Alcohol	Spirits		0.75			3.75
Char. 1796-97	1796	12/9	Tate, Magnus	Negro	Bought	Alcohol	Whiskey		0.625			6.67
Char. 1796-97	1796	12/9	Rutherford, Robert	Negro Woman	Bought	Alcohol	Whiskey		1			1.50
Char. 1796-97	1796	12/12	Anderson, John	Boy	Bought	Gun	Gunpowder	0.25				1.50
Char. 1796-97	1796	12/13	Tate, Magnus	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1796	12/15	Cochrell, Peter	Boy	Bought	Alcohol	Spirits		0.125			8.83
Char. 1796-97	1796	12/17	Hill, William	Negro James	Bought	Iron		19.25				16.00
Char. 1796-97	1796	12/17	Briscoe, John	Boy	Bought	Saltpeter		4				2.00
Char. 1796-97	1796	12/17	Marke, George	Boy	Bought	Sugar		2				3.75
Char. 1796-97	1796	12/17	Marke, George	Boy	Bought	Alcohol	Whiskey		0.625			1.50
Char. 1796-97	1796	12/28	Tate, Magnus	Negro Boy	Bought	Chocolate		1				1.75
Char. 1796-97	1796	12/28	Tate, Magnus	Negro Boy	Bought	Tea	Green	0.25				13.33
Char. 1796-97	1796	12/29	Little, William	Negro James	Bought	Alcohol	Whiskey		2			1.00
Char. 1796-97	1797	1/2	Cochrell, Peter	Boy	Bought	Slate				1		1.50
Char. 1796-97	1797	1/2	McCormack, Edward	Boy	Bought	Paper	Quin?			1		6.00
Char. 1796-97	1797	1/3	Briscoe, George	Boy	Bought	Alcohol	Spirits		0.5			1.25
Char. 1796-97	1797	1/3	Briscoe, George	Boy	Bought	Alcohol	Wine		0.125			6.00
Char. 1796-97	1797	1/4	Little, William	Negro James	Bought	Sugar		6				0.50

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1797	1/4	Little, William	Negro James	Bought	Tape				6 yards		2.00
Char. 1796-97	1797	1/4	Little, William	Negro James	Bought	Bed Chord				1		4.50
Char. 1796-97	1797	1/4	Little, William	Negro James	Bought	Ceramic	Cups and Saucers			1 set		2.00
Char. 1796-97	1797	1/5	Nysong?, Michael	Boy	Bought	Alcohol	Whiskey		0.25			6.00
Char. 1796-97	1797	1/5	Saunders, Cyrus	Negro	Bought	Alcohol	Whiskey		1			1.00
Char. 1796-97	1797	1/6	Anderson, John	Boy	Bought	Alcohol	Apple Brandy		0.125			19.00
Char. 1796-97	1797	1/9	?ewllin, Richard	Negro	Bought	Cast Iron	Dutch Oven			1		7.00
Char. 1796-97	1797	1/12	Little, William	Negro James	Bought	Coffee		3				2.25
Char. 1796-97	1797	1/12	Little, William	Negro James	Bought	Indigo				3 ounces		6.67
Char. 1796-97	1797	1/12	Little, William	Negro James	Bought	Alcohol	Whiskey		2			2.33
Char. 1796-97	1797	1/13	Hanes, John	Boy	Bought	Sugar	Brown	2				3.00
Char. 1796-97	1797	1/14	Tate, Magnus	Boy	Bought	Alcohol	Spirits		0.25			1.00
Char. 1796-97	1797	1/16	Anderson, Mahlon	Girl	Bought	Soap		1				1.00
Char. 1796-97	1797	1/16	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			1.00
Char. 1796-97	1797	1/17	Anderson, John	Boy	Bought	Alcohol	Apple Brandy		0.125			2.33
Char. 1796-97	1797	1/20	Anderson, John	Boy	Bought	Sugar		2				2.00
Char. 1796-97	1797	1/20	Anderson, John	Boy	Bought	Alcohol	Brandy		0.25			1.25
Char. 1796-97	1797	1/20	Anderson, Mahlon	Girl	Bought	Soap	Hand	2				1.00
Char. 1796-97	1797	1/21	Marke, George	Boy	Bought	Alcohol	Brandy		0.125			3.00
Char. 1796-97	1797	1/22	Tate, Magnus	N. Boy	Bought	Alcohol	Spirits		0.25			3.00
Char. 1796-97	1797	1/23	Hanes, John	Boy	Bought	Iron		6.5				1.25
Char. 1796-97	1797	1/23	Hanes, John	Boy	Bought	Slate				1		2.00
Char. 1796-97	1797	1/23	Hanes, John	Boy	Bought	Paper	Quin?			1 paper		3.00
Char. 1796-97	1797	1/23	Cochrell, Peter	Boy	Bought	Alcohol	Spirits		0.25			7.00
Char. 1796-97	1797	1/24	Tate, Magnus	Negro Nilson	Bought	Coffee		3				4.67
Char. 1796-97	1797	1/24	Tate, Magnus	Negro Nilson	Bought	Sugar		4				3.50
Char. 1796-97	1797	1/26	Little, William	Negro	Bought	Sugar	Brown	3				4.50
Char. 1796-97	1797	1/26	Little, William	Negro	Bought	Tobacco	Snuff			1 large bottle		1.00
Char. 1796-97	1797	1/26	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			15.33

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1797	1/26	Little, William	Negro	Bought	Alcohol	Whiskey		2.25			1.00
Char. 1796-97	1797	1/27	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.125			2.00
Char. 1796-97	1797	1/27	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			1.00
Char. 1796-97	1797	1/27	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			2.50
Char. 1796-97	1797	1/27	Marke, George	Boy	Bought	Alcohol	Wine		0.25			1.50
Char. 1796-97	1797	1/28	Hanes, John	Boy	Bought	Iron						2.33
Char. 1796-97	1797	1/28	Hanes, John	Boy	Bought	Sugar		2				0.50
Char. 1796-97	1797	1/28	Hanes, John	Boy	Bought	Thread	Silk			6		1.00
Char. 1796-97	1797	1/30	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			0.50
Char. 1796-97	1797	1/31	Hanes, John	Boy	Bought	Thread				6		1.00
Char. 1796-97	1797	2/1	Miller, John	Boy	Bought	Alcohol	Whiskey		0.125			1.00
Char. 1796-97	1797	2/2	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1797	2/3	Dutrow, Michael	Boy	Bought	Alcohol	Spirits		0.125			1.50
Char. 1796-97	1797	2/3	Cockrell, Peter	Boy	Bought	Alcohol	Spirits		0.125			7.00
Char. 1796-97	1797	2/6	Little, William	Negro	Bought	Coffee		3				4.67
Char. 1796-97	1797	2/6	Little, William	Negro	Bought	Sugar		4				6.00
Char. 1796-97	1797	2/6	Little, William	Negro	Bought	Alcohol	Spirits		0.5			2.00
Char. 1796-97	1797	2/6	Hanes, Henry	Negro	Bought	Alcohol	Whiskey		0.25			1.00
Char. 1796-97	1797	2/10	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			4.67
Char. 1796-97	1797	2/11	White, Sally	Girl	Bought	Sugar	Brown	4				1.50
Char. 1796-97	1797	2/15	Anderson, Mahlon	Girl	Bought	Alcohol	Spirits		0.125			0.75
Char. 1796-97	1797	2/16	Anderson, Mahlon	Girl	Bought	Indigo				.5 ounce		2.33
Char. 1796-97	1797	2/18	Tate, Magnus	Negro Man	Bought	Iron		5.25				2.00
Char. 1796-97	1797	2/21	Hanes, John	Boy	Bought	Alcohol	Whiskey		0.25			1.50
Char. 1796-97	1797	2/22	Little, William	Negro James	Bought	Chocolate		1				1.83
Char. 1796-97	1797	2/22	Hanes, John	Boy	Bought	Iron		4				13.33
Char. 1796-97	1797	2/22	Little, William	Negro James	Bought	Alcohol	Whiskey		2			0.17
Char. 1796-97	1797	2/25	Anderson, Mahlon	Girl	Bought	Tape				2 yards		1.00
Char. 1796-97	1797	2/25	Anderson, Mahlon	Girl	Bought	Alcohol	Whiskey		0.125			1.00
Char. 1796-97	1797	2/25	Anderson, Mahlon	Girl	Bought	Alcohol	Whiskey		0.125			6.00

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1797	2/25	Saunders, Cyrus	Negro	Bought	Alcohol	Whiskey		1			2.00
Char. 1796-97	1797	3/1	Anderson, John	Boy	Bought	Alcohol	Apple Brandy		0.25			1.00
Char. 1796-97	1797	3/6	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.125			2.00
Char. 1796-97	1797	3/6	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			2.00
Char. 1796-97	1797	3/7	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			3.00
Char. 1796-97	1797	3/8	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.375			2.00
Char. 1796-97	1797	3/9	Dutrow, Michael	Boy	Bought	Alcohol	Apple Brandy		0.25			2.00
Char. 1796-97	1797	3/10	Marke, George	Boy	Bought	Alcohol	Whiskey		0.25			1.00
Char. 1796-97	1797	3/11	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			2.50
Char. 1796-97	1797	3/13	Little, William	Negro	Bought	Ceramic	Plate			6		13.33
Char. 1796-97	1797	3/13	Little, William	Negro	Bought	Alcohol	Whiskey		2			0.08
Char. 1796-97	1797	3/14	Anderson, John	Boy	Bought	Thread				1		1.00
Char. 1796-97	1797	3/14	Marke, George	Boy	Bought	Alcohol	Apple Brandy		0.125			11.25
Char. 1796-97	1797	3/14	Anderson, John	Boy	Bought	Cloth	Lowon?			1 yard		0.50
Char. 1796-97	1797	3/17	Anderson, John	Boy	Bought	Ribbon				1 yard		0.17
Char. 1796-97	1797	3/17	Anderson, John	Boy	Bought	Thread				2		1.00
Char. 1796-97	1797	3/20	Nysong?, Michael	Boy	Bought	Alcohol	Brandy		0.125			2.00
Char. 1796-97	1797	3/21	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			2.00
Char. 1796-97	1797	3/22	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			1.00
Char. 1796-97	1797	3/22	Tate, Magnus	Negro	Bought	Alcohol	Whiskey		0.125			2.00
Char. 1796-97	1797	3/23	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			5.00
Char. 1796-97	1797	3/27	Hanes, John	Boy	Bought	Iron		11.5				2.25
Char. 1796-97	1797	3/28	Little, William	Negro	Bought	Tobacco	Snuff			1 small bottle		13.33
Char. 1796-97	1797	3/28	Little, William	Negro	Bought	Alcohol	Whiskey		2			1.00
Char. 1796-97	1797	3/29	Darke, William	Negro Ben	Bought	Ginlets				3		2.00
Char. 1796-97	1797	3/29	Marke, George	Girl	Bought	Alcohol	Apple Brandy		0.25			0.50
Char. 1796-97	1797	3/29	Marke, George	Girl	Bought	Thread	Silk			1		0.75
Char. 1796-97	1797	3/29	Darke, William	Negro Ben	Bought	Nails	Spike	1				4.00
Char. 1796-97	1797	3/29	Nysong?, Michael	Boy	Bought	Alcohol	Whiskey		0.5			3.00
Char. 1796-97	1797	3/31	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.375			2.00

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1797	3/31	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			1.00
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Buttons				12		1.00
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Buttons				12		3.00
Char. 1796-97	1797	4/1	Dutrow, Michael	Boy	Bought	Molasses			0.5			1.50
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Silk Twist				1		7.00
Char. 1796-97	1797	4/1	Dutrow, Michael	Boy	Bought	Sugar		6				2.33
Char. 1796-97	1797	4/1	Anderson, John	Boy	Bought	Sugar		2				9.00
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Cloth	Capinun?			0.75 yards		18.50
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Cloth	Cassan?			1.5 yards		14.25
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Cloth	Linen?			4.75 yards		2.25
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Cloth	Lininua?			0.75 yards		0.17
Char. 1796-97	1797	4/1	Nysong?, Michael	Boy	Bought	Thread	Silk			2		2.00
Char. 1796-97	1797	4/1	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			3.00
Char. 1796-97	1797	4/1	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.375			8.00
Char. 1796-97	1797	4/3	Hammond, Thomas	Boy	Bought	Chains?				2		4.67
Char. 1796-97	1797	4/3	Hammond, Thomas	Boy	Bought	Sugar		4				2.33
Char. 1796-97	1797	4/3	Anderson, John	Boy	Bought	Sugar		2				2.33
Char. 1796-97	1797	4/3	Anderson, John	Boy	Bought	Sugar		2				2.00
Char. 1796-97	1797	4/3	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.25			2.00
Char. 1796-97	1797	4/3	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.25			2.25
Char. 1796-97	1797	4/5	Saunders, Cyrus	Negro	Bought	Sugar				1 loaf		4.50
Char. 1796-97	1797	4/5	Saunders, Cyrus	Negro	Bought	Cloth	Illegible			0.75 yards		3.00
Char. 1796-97	1797	4/5	Dutrow, Michael	Boy	Bought	Alcohol	Gin		0.25			1.25
Char. 1796-97	1797	4/5	Saunders, Cyrus	Negro	Bought	Cloth	Linen?			0.5 yards		0.83
Char. 1796-97	1797	4/5	Dutrow, Michael	Boy	Bought	Spices	Pepper	0.25				4.00
Char. 1796-97	1797	4/5	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.5			1.00
Char. 1796-97	1797	4/5	Dutrow, Michael	Boy	Bought	Alcohol	Whiskey		0.125			3.00
Char. 1796-97	1797	4/6	Dutrow, Michael	Girl	Bought	Silk	Illegible			6		2.00
Char. 1796-97	1797	4/11	Hite, George	Negro Woman	Bought	Nails				200		1.50
Char. 1796-97	1797	4/11	Hite, George	Negro Woman	Bought	Spices	Allspice	1				1.00

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Char. 1796-97	1797	4/13	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			2.25
Char. 1796-97	1797	4/14	Saunders, Cyrus	Boy	Bought	Sugar				1 loaf		2.50
Char. 1796-97	1797	4/14	Anderson, John	Boy	Bought	Alcohol	Wine (Malaga)		0.25			1.00
Char. 1796-97	1797	4/15	Tate, Magnus	Boy	Bought	Alcohol	Whiskey		0.125			1.00
Char. 1796-97	1797	4/15	Nysong?, Michael	Boy	Bought	Alcohol	Whiskey		0.125			5.75
Char. 1796-97	1797	4/17	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		1			2.00
Char. 1796-97	1797	4/17	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		0.25			1.00
Char. 1796-97	1797	4/17	Marke, George	Boy	Bought	Alcohol	Whiskey		0.125			2.25
Char. 1796-97	1797	4/19	Foulk, Charles	Girl	Bought	Coffee		1				2.33
Char. 1796-97	1797	4/19	Hanes, John	Boy	Bought	Sugar		2				1.75
Char. 1796-97	1797	4/19	Anderson, Mahlon	Girl	Bought	Alcohol	Apple Brandy		0.25			5.75
Char. 1796-97	1797	4/19	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		1			4.67
Char. 1796-97	1797	4/19	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		0.75			1.50
Char. 1796-97	1797	4/20	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		0.25			6.50
Char. 1796-97	1797	4/21	Hanes, John	Boy	Bought	Bandana Handkerchief				1		6.00
Char. 1796-97	1797	4/21	Anderson, John	Boy	Bought	Molasses			1			3.50
Char. 1796-97	1797	4/21	Anderson, John	Boy	Bought	Sugar		3				9.17
Char. 1796-97	1797	4/21	Hanes, John	Boy	Bought	Cloth	Dowlass?			5 yards		9.50
Char. 1796-97	1797	4/21	Hanes, John	Boy	Bought	Clothing	Shoes (Men's)			1 pair		4.50
Char. 1796-97	1797	4/21	Baker, John	Negro	Bought	Alcohol	Spirts		0.375			1.00
Char. 1796-97	1797	4/21	Anderson, John	Boy	Bought	Alcohol	Whiskey		0.125			8.67
Char. 1796-97	1797	4/21	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		1.5			2.33
Char. 1796-97	1797	4/22	Dutrow, Michael	Girl	Bought	Sugar		2				2.33
Char. 1796-97	1797	4/22	Foulk, Charles	Girl	Bought	Sugar		2				3.75
Char. 1796-97	1797	4/22	Howell, Samuel	Boy	Bought	Alcohol	Whiskey		0.625			1.00
Char. 1796-97	1797	4/24	Dutrow, Michael	Girl	Bought	Spices	Pepper	0.25				5.00
Char. 1796-97	1797	4/25	Baker, John	Negro	Bought	Alcohol	Spirits		0.375			1.25
Win. 1799-1800	1799	4/26	Keenan, Thomas	Boy (Barnett's)	Bought	Alcohol	Whiskey					2.33
Win. 1799-1800	1799	5/20	Denis, Patrick	Girl (KL)	Bought	Sugar		2				1.25

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Win. 1799-1800	1799	5/22	Denis, Patrick	Boy (B)	Bought	Alcohol	Whiskey					0.50
Win. 1799-1800	1799	5/23	Denis, Patrick	Girl (KL)	Bought	Fruit	Raisons	0.5				1.25
Win. 1799-1800	1799	5/23	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/24	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					2.50
Win. 1799-1800	1799	5/25	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/25	Denis, Patrick	Girl (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/27	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/28	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/28	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/30	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	5/30	Denis, Patrick	Boy (Mulatto)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	6/1	Denis, Patrick	Mulatto Boy	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	6/4	Denis, Patrick	Girl (KL)	Bought	Alcohol	Whiskey					0.75
Win. 1799-1800	1799	6/5	Keenan, Thomas	Girl (Little)	Bought	Salt	Fine	2				1.25
Win. 1799-1800	1799	6/5	Denis, Patrick	Girl (KL)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	6/6	Denis, Patrick	Boy (KL)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1799	6/8	Keenan, Thomas	Girl (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1799	6/17	Keenan, Thomas	Girl (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	7/22	Hughes, James	Boy (Kehoe's)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	8/12	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1799	8/12	Kehoe, Peter	Girl (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1799	8/13	Kehoe, Peter	Girl (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	8/15	Kehoe, Peter	Girl (L)	Bought	Alcohol	Whiskey					1.88
Win. 1799-1800	1799	8/17	Kehoe, Peter	Boy (Little)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	8/19	Kehoe, Peter	Girl (L)	Bought	Alcohol	Whiskey					1.75
Win. 1799-1800	1799	8/20	Kehoe, Peter	Girl (L)	Bought	Tea	Hyson (Young)	0.125				1.88
Win. 1799-1800	1799	8/20	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	8/21	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					2.17
Win. 1799-1800	1799	8/22	Reed, George	Girl (L)	Bought	Sugar		2				1.88

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Win. 1799-1800	1799	8/22	Reed, George	Boy (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1799	8/22	Reed, George	Girl (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1799	8/23	Reed, George	Girl (L)	Bought	Alcohol	Whiskey					0.25
Win. 1799-1800	1799	8/28	Keenan, Thomas	Girl (L)	Bought	Blue?				3 cakes		0.63
Win. 1799-1800	1799	8/28	Keenan, Thomas	Girl (L)	Bought	Alcohol	Whiskey					0.25
Win. 1799-1800	1799	10/31	Keenan, Thomas	Girl (L)	Bought	Blue?				3 cakes		0.75
Win. 1799-1800	1799	11/30	Keenan, Thomas	Girl (Little)	Bought	Spices	Pepper	0.25				0.63
Win. 1799-1800	1799	11/30	Keenan, Thomas	Girl (Little)	Bought	Alcohol	Whiskey					0.17
Win. 1799-1800	1800	3/18	Folliner, Jacob	Girl	Bought	Linen Tape				2 yards		1.08
Win. 1799-1800	1800	3/24	Folliner, Jacob	Girl	Bought	Sugar		1				0.75
Win. 1799-1800	1800	3/25	Folliner, Jacob	Girl	Bought	Soap		1				0.83
Win. 1799-1800	1800	5/29	Garnett, Martin	Boy (L)	Bought	Sugar		1				1.25
Win. 1799-1800	1800	5/29	Keenan, Thomas	Boy (L)	Bought	Alcohol	Whiskey					1.00
Win. 1799-1800	1800	5/30	Keenan, Thomas	Boy (L)	Bought	Illegible						1.25
Win. 1799-1800	1800	5/30	Keenan, Thomas	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	6/2	Kehoe, Peter	Boy (Little)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1800	6/3	Kehoe, Peter	Boy (Little)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1800	6/5	Kehoe, Peter	Boy (Little)	Bought	Alcohol	Whiskey					2.00
Win. 1799-1800	1800	6/6	Kehoe, Peter	Boy (Little)	Bought	Sugar		2				0.63
Win. 1799-1800	1800	6/6	Kehoe, Peter	Boy (Little)	Bought	Alcohol	Whiskey					1.00
Win. 1799-1800	1800	6/7	Miller, Mrs.	Boy	Bought	Sugar		1				
Win. 1799-1800	1800	6/14	Kehoe, Peter	Boy	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	6/14	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1800	6/18	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1800	6/18	Kehoe, Peter	Girl	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	6/19	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	6/20	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	6/20	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	6/25	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	6/26	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Win. 1799-1800	1800	6/27	Kehoe, Peter	Boy (L)	Bought	Tobacco						
Win. 1799-1800	1800	6/27	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.88
Win. 1799-1800	1800	6/28	Kehoe, Peter	Boy (L)	Bought	Brush	Scrubbing			1		3.75
Win. 1799-1800	1800	6/28	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					0.00
Win. 1799-1800	1800	7/1	Kehoe, Peter	Girl	Bought	Alcohol	Whiskey					3.75
Win. 1799-1800	1800	7/2	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					3.75
Win. 1799-1800	1800	7/2	Kehoe, Peter	Girl (L)	Bought	Alcohol	Whiskey					1.88
Win. 1799-1800	1800	7/5	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	7/7	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	7/8	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	7/11	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	7/12	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	7/14	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.56
Win. 1799-1800	1800	7/15	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	7/16	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	7/17	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					0.63
Win. 1799-1800	1800	7/18	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					3.13
Win. 1799-1800	1800	7/19	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.25
Win. 1799-1800	1800	7/21	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	7/22	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	7/22	Kehoe, Peter	Girl (L)	Bought	Alcohol	Whiskey					
Win. 1799-1800	1800	7/25	Kehoe, Peter	Boy (L)	Bought	Alcohol	Whiskey					1.50
Middle. 1806	1806	1/30	Arniss, Lewis	Negro	Bought	Medicine	Castor Oil			1 vial		1.50
Middle. 1806	1806	1/30	Arniss, Lewis	Negro	Bought	Medicine	Sudman's Oil			1 vial		1.00
Middle. 1806	1806	2/15	Stewart, Willam	Boy	Bought	Molasses			0.25			1.88
Middle. 1806	1806	2/15	Stewart, Willam	Boy	Bought	Tea		0.125				10.00
Middle. 1806	1806	2/24	Baker, Samuel	Negro Jack	Bought	Tea		1				0.25
Middle. 1806	1806	2/24	Baker, Samuel	Negro	Bought	Pins	Illegible			1 set		0.75
Middle. 1806	1806	2/24	Baker, Samuel	Negro	Bought	Clothing	Shoes					0.75
Middle. 1806	1806	3/7	Klotz, Isaac	E Boy	Bought	Alcohol	Whiskey		0.125			1.50

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Middle. 1806	1806	3/12	Gardner, James	Boy	Bought	Silk				4 skeins		0.75
Middle. 1806	1806	3/12	Gardner, James	Boy	Bought	Thread	No. 9	0.0625				1.75
Middle. 1806	1806	3/27	Arniss, Lewis	Negro	Bought	Cloth	Cotton	1				1.00
Middle. 1806	1806	4/24	Klotz, Isaac	Boy	Bought	Soap		2.5				3.00
Middle. 1806	1806	6/24	Baker, Samuel	Bill (F. Martin's)	Bought	Medicine	Castor Oil			2 vials		3.00
Sper. 1838-39	1838	5/10	Page, R.P.	Negro Ambrose	Sold	Grain	Corn			76.4 bushels	38.231	
Sper. 1838-39	1838	5/10	Page, R.P.	Negro Sam	Sold	Grain	Corn			75 bushels	37.5	
Sper. 1838-39	1838	5/11	Page, R.P.	Negro Ambrose	Sold	Grain	Corn			75.8 bushels	37.9105	
Sper. 1838-39	1838	5/11	Page, R.P.	Negro Sam	Sold	Grain	Corn			74.9 bushels	37.482	
Sper. 1838-39	1838	5/12	Page, R.P.	Negro Ambrose	Sold	Grain	Corn			75.5 bushels	37.7855	
Sper. 1838-39	1838	5/12	Page, R.P.	Negro Sam	Sold	Grain	Corn			74.6 bushels	37.3035	
Sper. 1838-39	1838	5/17	Page, R.P.	?	Sold	Grain	Corn			88.9 bushels	44.482	
Sper. 1838-39	1838	5/26	Mary (John Page's)	Self	Sold	Grain	Corn			7.1 bushels	3.41	
Sper. 1838-39	1838	5/26	Mary (John Page's)	Self	Sold	Grain	Corn			22.3 bushels	12.06	
Sper. 1838-39	1838	6/7	Negro (Page's)	Self	Sold	Grain	Corn			2.2 bushels	1.1	
Sper. 1838-39	1838	11/28	? (Page's)	Self	Sold	Grain	Corn			14.3 bushels	10.73	
Sper. 1838-39	1838	11/28	? (Page's)	Self	Bought	Salt	G.A.			6 bushels	4.08	
Sper. 1838-39	1838	12/20	Negro (Boyd's)	Self	Sold	Illegible					1.56	
Sper. 1838-39	1838	12/20	Smith, H. (Page's)	Self	Sold	Grain	Corn			9.75 bushels	7.31	
Sper. 1838-39	1838	12/20	Strange, William (Page's)	Self	Sold	Grain	Corn			9.33 bushels	6.9975	
Sper. 1838-39	1838	12/20	Combe (Page's)	Self	Sold	Grain	Corn			9.16 bushels	6.87	
Sper. 1838-39	1838	12/20	William	Self	Sold	Grain	Corn			9 bushels	6.75	
Sper. 1838-39	1838	12/20	Martin (Page's)	Self	Sold	Grain	Corn			8.3 bushels	6.2475	
Sper. 1838-39	1838	12/20	Peter (Page's)	Self	Sold	Grain	Corn			13.75 bushels	10.3125	
Sper. 1838-39	1838	12/20	Peter (Page's)	Self	Sold	Grain	Cornmeal	178			6.225	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Sper. 1838-39	1838	12/20	Strange, William (Page's)	Self	Sold	Grain	Cornmeal	117			1.7575	
Sper. 1838-39	1838	12/20	Martin (Page's)	Self	Sold	Grain	Cornmeal	35			0.5275	
Sper. 1838-39	1838	12/20	Peter (Page's)	Self	Sold	Meat	Pork	83			2.5675	
Win. 1841-42	1841	10/14	Eno, Edward	Boy	Bought	Salt				0.25 bushel		
Win. 1841-42	1841	10/14	Eno, Edward	Boy	Bought	Spices	Pepper	1				
Win. 1841-42	1841	10/21	Whitacre, Wilson	Boy	Bought	File	Illegible			1	0.37	
Win. 1841-42	1841	11/19	Whitacre, Wilson	Boy	Bought	Nails		10				
Win. 1841-42	1841	11/19	Whitacre, Wilson	Boy	Bought	Nails	Brads	10				
Win. 1841-42	1841	12/14	McKee, Joseph	Girl	Bought	Coffee		2				
Win. 1841-42	1841	12/14	McKee, Joseph	Girl	Bought	Cloth	Cotton			1 yard		
Win. 1841-42	1842	2/2	Whitacre, Wilson	Boy	Bought	Molasses			2		1	
Win. 1841-42	1842	4/5	Cather, James	L Boy	Bought	Sugar		1			0.1	
Win. 1841-42	1842	4/5	Cather, James	L Boy	Bought	Tobacco		0.5			0.12	
Win. 1841-42	1842	5/24	Lovett, Johnathan	Boy	Bought	Nails	Fencing	24			1.92	
Win. 1841-42	1842	7/16	Lovett, Johnathan	Boy	Bought	Molasses			1		0.5	
Win. 1841-42	1842	8/3	Marpole, Enoch	Boy	Bought	Coffee		1			0.15	
Win. 1841-42	1842	8/3	Marpole, Enoch	Boy	Bought	Molasses			1		0.5	
Win. 1841-42	1842	8/3	Howard, William	Boy	Bought	Gun	Gunpowder	0.25				
Win. 1841-42	1842	8/3	Howard, William	Boy	Bought	Gun	Shot	1				
Win. 1842-45	1842	12/9	Trigger, Westley	Black Man	Bought	Hook and Eye				2 boxes	0.54	
Win. 1842-45	1842	12/9	Trigger, Westley	Black Man	Bought	Illegible					0.26	
Win. 1842-45	1842	12/9	Trigger, Westley	Black Man	Bought	Clothing	Shawl			3	0.12	
Win. 1842-45	1842	12/30	Clouser?, Joseph	Boy	Bought	Candle Wick				1 ball	0.1	
Win. 1842-45	1842	12/30	Clouser?, Joseph	Boy	Bought	Tobacco		1			0.25	
Win. 1842-45	1843	2/7	Bush, William	Boy	Bought	Beeswax					0.73	
Win. 1842-45	1843	3/1	Johnston, Susan	Black Girl	Bought	Sugar		1			0.08	
Win. 1842-45	1843	3/1	Johnston, Susan	Black Girl	Bought	Tea	Imperial	0.25			0.25	
Win. 1842-45	1843	3/1	Johnston, Susan	Black Girl	Bought	Clothing	Shoes			1 pair	1.12	
Win. 1842-45	1843	9/7	Eichelberger, Lewis	Black Boy	Bought	Illegible						

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Win. 1842-45	1843	11/23	Smith, Patrick	Black Man	Bought	Tobacco		0.5			0.125	
Win. 1842-45	1844	3/20	Lauck, Mary	Girl	Bought	Cloth	Lace Muslin			1 yard	0.5	
Win. 1842-45	1844	4/11	Smith, George	Black Man	Bought	Cloth	Blue			1.5 yards	4.5	
Win. 1842-45	1844	4/29	Lauck, Mary	Black Woman	Bought	Cloth	Chick			2 yards	0.25	
Win. 1842-45	1844	5/18	Lauck, Mary	Girl	Bought	Cloth	Yard (White)			3?	0.3	
Win. 1842-45	1844	8/2	Lauck, Mary	Girl	Bought	Sugar		5.5			0.5	
Win. 1842-45	1844	8/27	Lauck, Mary	Girl	Bought	Molasses					0.4	
Win. 1842-45	1844	8/29	Reed, George	Girl	Bought	Clothing	Shoes			1 pair	0.5	
Win. 1842-45	1844	10/16	Shearner?, Joseph	Girl	Bought	Tacks				1 paper	0.1	
Win. 1842-45	1844	10/17	Gray?, Isaac	Black Man	Sold	Labor	Hauling				1.2	
Stras. 1845-49	1845	11/26	Bell, Samuel	Girl	Bought	Coffee		1			0.1	
Stras. 1845-49	1845	12/3	Miller, Thomas	Black Man	Bought	Cloth	Calico			22.5 yards	1.405	
Stras. 1845-49	1845	12/3	Miller, Thomas	Black Man	Bought	Buttons	Metal			12	0.25	
Stras. 1845-49	1845	12/3	Miller, Thomas	Black Man	Bought	Buttons	Metal (Small)			18	0.1825	
Stras. 1845-49	1845	12/12	Grove, Henry	Girl	Bought	Sugar		2			0.2	
Stras. 1845-49	1845	12/12	Miller, Thomas	Girl	Bought	Thread	Silk			2	0.0625	
Stras. 1845-49	1845	12/22	Grove, Henry	Girl	Bought	Butter		1			0.125	
Stras. 1845-49	1845	12/22	Grove, Henry	Girl	Bought	Cloth	Cotton (?)			4.5 yards	0.5625	
Stras. 1845-49	1845	12/23	Strickler, John	Boy	Bought	Molasses					0.9	
Stras. 1845-49	1845	12/23	Strickler, John	Boy	Bought	Spices	Ginger	0.25			0.06	
Stras. 1845-49	1846	1/7	Bell, Samuel	Girl	Bought	Cheese		1			0.125	
Stras. 1845-49	1846	1/10	Miller, Thomas	Girl	Bought	Molasses					0.45	
Stras. 1845-49	1846	1/10	Miller, Thomas	Girl	Bought	Sugar		6			0.6	
Stras. 1845-49	1846	1/10	Miller, Thomas	Girl	Bought	Fruit	Raisons	0.5			0.125	
Stras. 1845-49	1846	1/15	Grove, Henry	Girl	Bought	Coffee		2			0.2	
Stras. 1845-49	1846	1/15	Strickler, John	Boy	Bought	Molasses					0.25	
Stras. 1845-49	1846	1/20	Cooper, Mary	Boy	Bought	Clothing	Shoes			1 pair	1	
Stras. 1845-49	1846	1/23	Strickler, John	Boy	Bought	Molasses					0.35	
Stras. 1845-49	1846	1/30	Strickler, John	Boy	Bought	Coffee		4			0.4	
Stras. 1845-49	1846	1/30	Strickler, John	Boy	Bought	Sugar		4			0.4	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Stras. 1845-49	1846	1/31	Miller, Thomas	Girl	Bought	Sugar		3			0.3	
Stras. 1845-49	1846	2/4	Miller, Thomas	Girl	Bought	Sugar		3			0.3	
Stras. 1845-49	1846	2/5	Grove, Henry	Girl	Bought	Coffee		2			0.2	
Stras. 1845-49	1846	2/16	Strickler, John	Boy	Bought	Coffee		2			0.2	
Stras. 1845-49	1846	2/16	Strickler, John	Boy	Bought	Sugar		2			0.2	
Stras. 1845-49	1846	2/21	Strickler, John	Boy	Bought	Coffee		2			0.2	
Stras. 1845-49	1846	2/21	Strickler, John	Boy	Bought	Sugar		3			0.3	
Stras. 1845-49	1846	2/23	Bell, Samuel	Girl	Bought	Butter		1.5			0.1875	
Stras. 1845-49	1846	2/23	Bell, Samuel	Girl	Bought	Coffee		1			0.1	
Stras. 1845-49	1846	2/27	Strickler, John	Boy	Bought	Coffee		6			0.6	
Stras. 1845-49	1846	2/27	Strickler, John	Boy	Bought	Molasses					0.23	
Stras. 1845-49	1846	2/27	Strickler, John	Boy	Bought	Sugar		6			0.6	
Stras. 1845-49	1846	3/10	Strickler, John	Boy	Bought	Molasses					0.23	
Stras. 1845-49	1846	4/16	Strickler, John	Boy	Bought	Molasses					0.23	
Stras. 1845-49	1846	4/16	Dare, Peter	Girl	Bought	Tallow		2			0.2	
Stras. 1845-49	1846	5/2	Baker, Lewis	Boy	Bought	Gun	Gunpowder	0.25			0.1	
Stras. 1845-49	1846	5/2	Baker, Lewis	Boy	Bought	Gun	Percussion Caps			1 box	0.0625	
Stras. 1845-49	1846	5/26	Miller, Thomas	Boy	Bought	Glassware	Glass Cork			1	0.375	
Stras. 1845-49	1846	5/26	Miller, Thomas	Boy	Bought	Medicine	Sweet Oil			1 bottle	0.5	
Stras. 1845-49	1846	6/29	Rager?, Isaac	Girl	Bought	Sugar		2			0.17	
Stras. 1845-49	1846	6/29	Rager?, Isaac	Girl	Bought	Thread	Cotton			1 ounce	0.0625	
Stras. 1845-49	1846	7/8	Zea, Joseph	Girl	Bought	Grain	Rice	1			0.0625	
Stras. 1845-49	1846	7/20	Baker, Lewis	Boy	Bought	Coffee		2			0.2	
Stras. 1845-49	1846	7/20	Baker, Lewis	Boy	Bought	Tobacco		1			0.125	
Stras. 1845-49	1846	7/20	Baker, Lewis	Boy	Bought	Cloth	Cambric (White)			0.5 yards	0.125	
Stras. 1845-49	1846	7/20	Baker, Lewis	Boy	Bought	Cloth	Cotton (?)			1.5 yards	0.15	
Stras. 1845-49	1846	8/5	Strickler, John	Girl	Bought	Sugar		12			1	
Stras. 1845-49	1846	8/6	Spengler, Cyrus	Girl	Bought	Spices	Allspice	0.25			0.04	
Stras. 1845-49	1846	8/6	Spengler, Cyrus	Girl	Bought	Spices	Nutmeg			1 ounce	0.17	
Stras. 1845-49	1846	8/8	Baker, Lewis	Boy	Bought	Buttons				12	0.125	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Stras. 1845-49	1846	8/8	Baker, Lewis	Boy	Bought	Tobacco		2			0.25	
Stras. 1845-49	1846	8/8	Baker, Lewis	Boy	Bought	Candy	Licorice			1 ball	0.02	
Stras. 1845-49	1846	8/8	Baker, Lewis	Boy	Bought	Thread	Silk			1	0.0625	
Stras. 1845-49	1846	10/19	Rager?, Isaac	Boy	Bought	Borax		0.25			0.1	
Stras. 1845-49	1846	12/4	Grove, Henry	Boy	Bought	Spices	Pepper			1 ounce	0.0625	
Stras. 1845-49	1847	1/6	Balthis, Leonard	Boy	Bought	Borax		0.25			0.1	
Stras. 1845-49	1847	1/28	Finley, John	Boy	Sold	Butter		2.5			0.3125	
Stras. 1845-49	1847	2/2	Pifer, Jacob	Girl	Sold	Butter		5			0.625	
Stras. 1845-49	1847	2/16	Balthis, Leonard	Boy	Bought	Borax		0.25			0.1	
Stras. 1845-49	1847	2/27	Finley, John	Boy	Sold	Butter		1.25			0.155	
Stras. 1845-49	1847	3/6	Pifer, Jacob	Boy	Sold	Butter		2			0.25	
Stras. 1845-49	1847	3/23	Pifer, Jacob	Boy	Bought	Nails	4 Penny	4			0.25	
Stras. 1845-49	1847	4/3	Pifer, Jacob	Boy	Bought	Butter		2.6875			0.34	
Stras. 1845-49	1847	4/17	Pifer, Jacob	Boy	Sold	Butter		2.5			0.3125	
Stras. 1845-49	1847	5/1	Pifer, Jacob	Boy	Sold	Butter		44.625			0.575	
Stras. 1845-49	1847	5/1	Pifer, Jacob	Boy	Sold	Eggs				36	0.1875	
Stras. 1845-49	1847	5/15	Hinkins, Peter	Boy	Bought	Molasses					0.23	
Stras. 1845-49	1847	6/5	Pifer, Jacob	Boy	Sold	Butter		4.25			0.53	
Stras. 1845-49	1847	6/5	Pifer, Jacob	Boy	Bought	Chocolate		0.5			0.085	
Stras. 1845-49	1847	6/5	Pifer, Jacob	Boy	Sold	Eggs				36	0.1875	
Stras. 1845-49	1847	6/12	Pifer, Jacob	Boy	Sold	Butter		5			0.625	
Stras. 1845-49	1847	6/12	Pifer, Jacob	Boy	Bought	Clothing	Hat (Chip)			1	0.17	
Stras. 1845-49	1847	6/19	Pifer, Jacob	Boy	Sold	Butter		5.5			0.69	
Stras. 1845-49	1847	6/26	Pifer, Jacob	Boy	Sold	Butter		4			0.5	
Stras. 1845-49	1847	6/26	Pifer, Jacob	Boy	Bought	Tobacco		1			0.125	
Stras. 1845-49	1847	6/26	Pifer, Jacob	Boy	Bought	Ceramic	Dish (White)			1	0.25	
Stras. 1845-49	1847	6/26	Pifer, Jacob	Boy	Bought	Cloth	Drill			1 yard	0.17	
Stras. 1845-49	1847	6/26	Pifer, Jacob	Boy	Bought	Cloth	Muslin			0.5 yards	0.125	
Stras. 1845-49	1847	6/26	Pifer, Jacob	Boy	Bought	Cloth	Osnaburg			5 yards	0.75	
Stras. 1845-49	1847	7/24	Pifer, Jacob	Boy	Sold	Butter		5			0.625	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Stras. 1845-49	1847	8/4	Grove, Henry	Boy	Bought	Thread	Cotton			1 ball	0.085	
Stras. 1845-49	1847	8/6	Pifer, Jacob	Boy	Sold	Butter		4.25			0.53	
Stras. 1845-49	1847	8/6	Spangler, Amos	Boy	Bought	Molasses					0.5	
Stras. 1845-49	1847	9/4	Pifer, Jacob	Boy	Sold	Butter		4.5			0.5625	
Stras. 1845-49	1847	9/15	Higgins, Robert	Boy	Bought	Sugar		2.5			0.25	
Stras. 1845-49	1847	10/26	Pifer, Jacob	Boy	Bought	Madder		0.5			0.125	
Stras. 1845-49	1847	10/26	Pifer, Jacob	Boy	Bought	Sugar		2			0.2	
Stras. 1845-49	1847	11/15	Crabill, O?	Boy	Bought	Book	Reader (Comly's)			1	0.375	
Stras. 1845-49	1847	11/15	Crabill, O?	Boy	Bought	Book	Spelling Book (Comly's)			1	0.125	
Stras. 1845-49	1847	12/18	Pifer, Jacob	Boy	Sold	Butter		4			0.5	
Stras. 1845-49	1848	1/25	Bowman, Isaac	Boy	Bought	Plaster?	Court?			1 sheet	0.0625	
Stras. 1845-49	1848	1/27	Mowry, Robert	Boy	Bought	Shoe Thread				1 ball	0.0625	
Stras. 1845-49	1848	2/4	Mowry, Robert	Boy	Bought	Tobacco		1			0.125	
Stras. 1845-49	1848	5/15	Miller, Thomas	Boy	Bought	Illegible	Yellow	10			0.625	
Stras. 1845-49	1848	5/20	Pifer, Jacob	Boy	Sold	Butter		4.5			0.5625	
Stras. 1845-49	1848	5/27	Pifer, Jacob	Boy	Sold	Butter		3.875			0.48	
Stras. 1845-49	1848	5/27	Pifer, Jacob	Boy	Sold	Eggs				48	0.2	
Stras. 1845-49	1848	5/27	Pifer, Jacob	Boy	Sold	Clothing	Hat (Chip)			1	0.25	
Stras. 1845-49	1848	5/27	Pifer, Jacob	Boy	Sold	Cloth	Trimmings for Coat				0.345	
Stras. 1845-49	1848	5/27	Pifer, Jacob	Boy	Sold	Cloth	Tweed (Cotton)			4.5 yards	1.125	
Stras. 1845-49	1848	6/3	Pifer, Jacob	Boy	Sold	Butter		5.25			0.525	
Stras. 1845-49	1848	6/3	Pifer, Jacob	Boy	Sold	Eggs				48	0.2	
Stras. 1845-49	1848	6/17	Pifer, Jacob	Boy	Sold	Butter		5.25			0.525	
Stras. 1845-49	1848	6/24	Pifer, Jacob	Boy	Bought	Brimstone		0.5			0.0625	
Stras. 1845-49	1848	6/24	Pifer, Jacob	Boy	Sold	Butter		6			0.6	
Stras. 1845-49	1848	6/24	Pifer, Jacob	Boy	Bought	Coffee Pot		2			0.2	
Stras. 1845-49	1848	6/24	Pifer, Jacob	Boy	Bought	Tobacco		1			0.125	
Stras. 1845-49	1848	7/12	Pifer, Jacob	Boy	Bought	Comb	Fine			1	0.0625	
Stras. 1845-49	1848	7/29	Pifer, Jacob	Girl	Sold	Butter		8.875			0.885	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Stras. 1845-49	1848	8/26	Finley, John	Boy	Bought	Butter		1			0.1	
Stras. 1845-49	1848	9/1	Finley, John	Boy	Bought	Molasses					0.45	
Stras. 1845-49	1848	9/4	Barb, Abraham	Boy?	Bought	Spices	Allspice	0.5			0.085	
Stras. 1845-49	1848	9/9	Pifer, Jacob	Boy	Sold	Butter		8.25			0.825	
Stras. 1845-49	1848	9/30	Pifer, Jacob	Boy	Sold	Butter		8.625			0.86	
Stras. 1845-49	1848	10/14	Pifer, Jacob	Boy	Sold	Butter		10.5			1.3125	
Stras. 1845-49	1848	10/28	Pifer, Jacob	Boy	Sold	Butter		9			1.125	
Stras. 1845-49	1848	11/14	Pifer, Jacob	Boy?	Bought	Lead		0.5			0.14	
Stras. 1845-49	1848	11/14	Pifer, Jacob	Boy?	Bought	Putty		0.25			0.03	
Stras. 1845-49	1848	11/14	Pifer, Jacob	Boy?	Bought	Gun	Gunpowder	0.25			0.1	
Stras. 1845-49	1848	11/14	Pifer, Jacob	Boy?	Bought	Spices	Pepper	1			0.125	
Stras. 1845-49	1848	11/18	Pifer, Jacob	Boy	Sold	Butter		9			1.125	
Stras. 1845-49	1848	11/18	Pifer, Jacob	Boy	Bought	Coffee		6			0.6	
Stras. 1845-49	1848	11/18	Pifer, Jacob	Boy	Bought	Cowhide				1	0.125	
Stras. 1845-49	1848	11/18	Pifer, Jacob	Boy	Bought	Sugar		6			0.375	
Stras. 1845-49	1848	11/21	Pifer, Jacob	Boy	Sold	Wood				1 chord	1.75	
Stras. 1845-49	1848	12/16	Pifer, Jacob	Boy	Sold	Butter		4.625			0.575	
Stras. 1845-49	1848	12/23	Seiver?, William	Boy	Bought	Candle Wick				1 ball	0.0625	
Stras. 1845-49	1848	12/29	Wennis?, Mary	Boy	Bought	Molasses					0.23	
Stras. 1845-49	1848	12/29	Wennis?, Mary	Boy	Bought	Spices	Ginger	0.25			0.0625	
Stras. 1845-49	1848	12/30	Pifer, Jacob	Boy	Sold	Butter		4.3125			0.5375	
Stras. 1845-49	1849	1/9	Pifer, Jacob	Boy	Bought	Tobacco		0.25			0.0625	
H&N 1849-51	1849	11/1	Hackney, Robert	Girl	Bought	Cloth	Calico			8 yards	0.8	
H&N 1849-51	1849	11/22	Davis, Joseph	Boy	Bought	Salt				1 bushel	0.75	
H&N 1849-51	1849	12/17	Davis, Joseph	Boy	Bought	Nails		5			0.25	
H&N 1849-51	1850	1/11	Muse, Robert	Boy	Bought	Medicine	Castor Oil			1 bottle	0.1875	
H&N 1856-58	1856	8/13	Cookus, John	Colored Boy	Bought	Sugar		5			0.325	
H&N 1856-58	1856	8/13	Cookus, John	Colored Boy	Bought	Clothing	Shoes			1 pair	1.625	
H&N 1856-58	1856	8/16	Cookus, John	Boy	Bought	Molasses			1		0.6	
H&N 1856-58	1856	9/11	Smith, Robert	Girl	Bought	Spices	Cinnamon			1 ounce	0.0625	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
H&N 1856-58	1856	9/11	Smith, Robert	Girl	Bought	Ceramic	Crock			2	0.12	
H&N 1856-58	1856	11/28	Rogers, Evan	Girl	Bought	Yarn	Cotton			1 bunch	1	
H&N 1856-58	1856	12/5	Lockhart, James	Girl	Bought	Cloth	Cotton					
H&N 1856-58	1857	5/18	Muse, Augustine	Girl	Sold	Butter		1.125			0.2	
H&N 1856-58	1857	5/18	Muse, Augustine	Girl	Bought	Buchet?	2in?				0.5	
H&N 1856-58	1857	5/30	Muse, Augustine	Girl	Sold	Butter		2.1875			0.3	
H&N 1856-58	1857	6/2	Seibert?, Jacob	Girl	Bought	Cloth	Copperas	2			0.125	
H&N 1856-58	1857	6/2	Seibert?, Jacob	Girl	Bought	Wood	Log Wood			3 ?	0.0625	
H&N 1856-58	1857	6/2	Seibert?, Jacob	Girl	Bought	Brush	White Wash			1	0.25	
H&N 1856-58	1857	6/4	Chamberlain, Mrs.	Girl	Bought	Hook and Eye				.5 card	0.025	
H&N 1856-58	1857	6/4	Chamberlain, Mrs.	Girl	Bought	Grain	Rice	2			0.16	
H&N 1856-58	1857	6/6	Muse, Augustine	Girl	Sold	Butter					0.37	
H&N 1856-58	1857	6/6	Muse, Augustine	Girl	Bought	Candy				1 paper	0.04	
H&N 1856-58	1857	6/6	Muse, Augustine	Girl	Bought	Clothing	Shoes (Women's)			1 pair	1	
H&N 1856-58	1857	6/9	Whitacre, Robert	Boy	Bought	Cappeas?	Indigo					
H&N 1856-58	1857	6/9	Whitacre, Robert	Boy	Bought	Wood	Log Wood					
H&N 1856-58	1857	6/13	Muse, Augustine	Girl	Sold	Butter		4			0.5	
H&N 1856-58	1857	6/13	Muse, Augustine	Girl	Bought	Clothing	Belt? (Silk)			1	0.375	
H&N 1856-58	1857	7/16	Marker, William	Boy	Bought	Sugar						
H&N 1856-58	1858	4/22	Seever?, Joseph	Boy	Bought	Allum		1			0.08	
H&N 1856-58	1858	5/10	Boak, Mrs.	Girl	Bought	Candles		1			0.1875	
H&N 1856-58	1858	5/10	Boak, Mrs.	Girl	Bought	Thread	Hank?			1	0.1	
Gore 1858-60	1858	10/1	Silbert, James	Girl	Bought	Butter		1			0.125	
Gore 1858-60	1858	12/23	Popkin, Craven	Boy	Bought	Coffee		2			0.3	
Gore 1858-60	1858	12/23	Popkin, Craven	Boy	Bought	Sugar		2			0.22	
Gore 1858-60	1859	1/28	Garrett?, Alfred	Girl	Sold	Rags		7.5			0.15	
Gore 1858-60	1859	1/28	Garrett?, Alfred	Girl	Bought	Ceramic	Chamber Pot (CC)			1	0.375	
Gore 1858-60	1859	2/19	Muse, R.B.	Boy	Bought	Molasses			1		0.625	
Gore 1858-60	1859	4/29	Shuler, Samuel	Boy	Bought	Thread				?	0.1	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Gore 1858-60	1859	8/13	Garrett, A?	Girl	Sold	Butter		5.625			0.78	
Gore 1858-60	1859	8/13	Garrett, A?	Girl	Bought	Coffee		2			0.3	
Gore 1858-60	1859	8/13	Garrett, A?	Girl	Sold	Eggs				48	0.28	
Gore 1858-60	1859	11/19	Seibert, Joseph	Boy	Bought	Medicine	Pills (Wright's)			1 box	0.25	
Gore 1858-60	1859	12/27	Kerns, Joshua	Boy	Bought	Coffee		3			0.45	
Gore 1858-60	1859	12/27	Kerns, Joshua	Boy	Bought	Tobacco		0.5			0.1875	
Gore 1858-60	1859	12/27	Kerns, Joshua	Boy	Bought	Gun	Gunpowder	0.5			0.05	
Grif. 1860-62	1860	6/13	Stut, George	Boy	Bought	Sugar		6			0.6	
Grif. 1860-62	1860	6/18	Artz, John	Girl	Sold	Butter		2.75			0.275	
Grif. 1860-62	1860	6/18	Artz, John	Girl	Bought	Ceramic	Bowl (Liverpool)			1	0.12	
Grif. 1860-62	1860	8/6	North, William	Boy	Bought	Broom				1	0.25	
Grif. 1860-62	1860	8/6	Lodge, William	Girl	Bought	Drip?					1.19	
Grif. 1860-62	1860	8/6	Lodge, William	Girl	Bought	Hop?					0.04	
Grif. 1860-62	1860	8/6	Puncell, M.	Boy	Bought	Oil				1 botte	0.25	
Grif. 1860-62	1860	8/6	Lodge, William	Girl	Bought	Medicine	White Oil				0.37	
Grif. 1860-62	1860	8/11	?, B.	Boy	Bought	Blanket	Illegible			1	0.14	
Grif. 1860-62	1860	8/11	McG?, H?	Girl	Bought	Medicine	Castor Oil				0.25	
Grif. 1860-62	1860	8/18	Busey, B.F.	Boy	Sold	Basket					0.14	
Grif. 1860-62	1860	8/18	Keiten, Jeff	Boy	Sold	Butter		4.75			0.47	
Grif. 1860-62	1860	8/18	Keiten, Jeff	Boy	Bought	Coffee		2			0.36	
Grif. 1860-62	1860	8/18	Keiten, Jeff	Boy	Bought	Salt					0.09	
Grif. 1860-62	1860	8/18	Keiten, Jeff	Boy	Bought	Sugar		2			0.2	
Grif. 1860-62	1860	8/21	Artz, John	Girl	Sold	Butter		2.75			0.28	
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Essence ?					0.1	
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Hop?						
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Illegible					0.03	
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Spices	Cinnamon				0.06	
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Spices	Cloves				0.06	
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Cloth	Cotton					
Grif. 1860-62	1860	8/21	Artz, John	Girl	Bought	Spices	Nutmeg				0.09	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Grif. 1860-62	1860	8/29	Puncell, M.	Boy	Bought	Molasses					4	
Grif. 1860-62	1860	8/31	Strut, Mary	Boy	Bought	Sugar		6			0.6	
Grif. 1860-62	1860	9/1	Barrett, Jonathon	Boy	Bought	Sugar						
Grif. 1860-62	1860	9/3	?, George	Boy	Bought	Illegible					0.36	
Grif. 1860-62	1860	9/29	Jonas, John	Boy	Bought	Tobacco		1			0.2	
Grif. 1860-62	1860	10/1	Barrett, Charles	Boy	Bought	Soda					0.46	
Grif. 1860-62	1860	10/1	Barrett, Charles	Boy	Bought	Sugar		2			0.3	
Grif. 1860-62	1860	10/5	Robinson, Alexander	Boy	Bought	Molasses					0.5	
BS 1860-1861	1860	10/18	Funkhouser, James	Black Boy (Silbert's)	Bought	Nuts	Chestnuts				0.04	
Grif. 1860-62	1860	10/25	?, Jeff	Boy	Bought	Illegible					0.1	
Grif. 1860-62	1860	11/22	Dixon, Save	Girl	Bought	Coffee		1			0.18	
Grif. 1860-62	1860	11/22	Dixon, Save	Girl	Bought	Sugar		2			0.2	
Grif. 1860-62	1860	11/27	Dixon, Save	Boy	Bought	Candle Wick				1 ball	0.05	
Grif. 1860-62	1860	11/27	Dixon, Save	Boy	Bought	Oil					0.5	
Grif. 1860-62	1860	12/3	Taylor, David	Boy	Bought	Illegible					0.5	
Grif. 1860-62	1860	12/3	Taylor, David	Boy	Bought	Cloth	Dick			2 yards	0.18	
Grif. 1860-62	1860	12/3	Taylor, David	Boy	Bought	Spices	Pepper	3			0.42	
Grif. 1860-62	1860	12/12	Kerter, Jeff	Boy	Bought	Salt					2.07	
BS 1860-1861	1860	12/18	Maphis, David	Black Man	Bought	Spices	Pepper	1			0.16	
Grif. 1860-62	1860	12/20	Brown, J.	Boy	Bought	Salt				1 bushel	0.65	
Grif. 1860-62	1860	12/24	Puncell, M.	Boy	Bought	Coffee		3			0.51	
BS 1860-1861	1861	2/26	Maphis, Easter	Black Boy	Sold	Eggs				72	0.75	
Grif. 1860-62	1861	1/4	Harris, Gabriel	Girl	Bought	Shauck?				125	1.38	
Grif. 1860-62	1861	1/4	Harris, Gabriel	Girl	Bought	Sugar		2			0.25	
Grif. 1860-62	1861	1/5	Harris, Gabriel	Boy	Bought	Sugar		5			0.5	
Grif. 1860-62	1861	1/31	Hodge, John	Boy	Bought	Oil					0.5	
Grif. 1860-62	1861	1/31	Hodge, John	Boy	Bought	Rope ?					0.2	
BS 1860-1861	1861	2/5	Maphis, Easter	Black Boy	Bought	Thread	Silk			10 shams	0.1	
Grif. 1860-62	1861	2/5	Robinson, Alexander	Boy	Bought	Nails		8			1.07	

Ledger	Year	Day	Account	Individual	Action	Item	Type	Weight (Pounds)	Gallons	Amount	Dollars	Shilling
Grif. 1860-62	1861	2/5	Robinson, Alexander	Boy	Bought	Tool	Awl			5	0.45	
Grif. 1860-62	1861	2/18	Puncell, M.	Boy	Bought	Needles					0.06	
BS 1860-1861	1861	2/25	Maphis, Easter	Black Boy	Bought	Bucket					0.25	
Grif. 1860-62	1861	5/13	Kern, John	Boy	Bought	Thread				?	0.1	
Grif. 1860-62	1861	5/16	Butler, James	Boy	Bought	Medicine	Castor Oil			1 botte	0.1	
Grif. 1860-62	1861	7/11	Bohner, J.F.	Boy	Bought	Buttons				6		
Grif. 1860-62	1861	7/11	Bohner, J.F.	Boy	Bought	Cloth				2.25 yards		
Grif. 1860-62	1861	7/11	Bohner, J.F.	Boy	Bought	Illegible					0.4	
Grif. 1860-62	1861	7/11	Bohner, J.F.	Boy	Bought	Cloth	Cotton				0.33	
Grif. 1860-62	1861	8/2	Taylor, David	Boy	Bought	Allenatine?					1	
Grif. 1860-62	1861	8/6	?, J?	Boy	Sold	Butter		3.5			0.33	
Grif. 1860-62	1861	8/6	?, J?	Boy	Sold	Eggs				42	0.35	
Grif. 1860-62	1861	8/6	M?, M?	Girl	Bought	Illegible						
Grif. 1860-62	1861	8/6	?, J?	Boy	Bought	Cloth	Illegible			2.5 yards	0.25	
Grif. 1860-62	1861	9/13	Busey, B.F.	Boy	Bought	Clothing	Shoes			2	2.15	
Grif. 1860-62	1862	8/1	Ball, James	Boy	Bought	Coffee		2			0.7	
Grif. 1860-62	1862	8/1	Ball, James	Boy	Bought	Salt				1 bushel	1.25	
Grif. 1860-62	1862	9/26	Robinson, Alexander	Boy	Bought	Barrel				1	0.75	

Table 2: Manor House Grounds Vessels

Vessels identified from the Manor House grounds during the minimum vessel analysis.

Vessel	Vessel Set	Ware Type	Decoration	Vessel Type	Number of Sherds
MH001	VS127	Creamware	Dipt, Banded	Bowl	13
MH002	VS128	Pearlware	Dipt, Marbled	Pitcher	3
MH003	VS002	Pearlware	Dipt, Mocha	Bowl	2
MH004	VS004	Pearlware	Dipt, Mocha	Ind. Hollowware	2
MH005	VS129	Creamware	Dipt, Mocha	Ind. Hollowware	1
MH006	VS130	Creamware	Dipt, Mocha	Bowl	8
MH007	VS131	Yellowware	Dipt, Mocha	Ind. Hollowware	1
MH008	VS132	Yellowware	Dipt, Mocha	Mug	4
MH009	VS133	Whiteware	Dipt, Banded	Mug	11
MH010	VS134	Whiteware	Dipt, Banded	Bowl	1
MH011	VS135	Whiteware	Dipt, Banded	Bowl	9
MH012	VS136	Whiteware	Dipt, Banded	Bowl	1
MH013	VS137	Whiteware	Dipt, Banded	Bowl	2
MH014	VS138	Pearlware	Dipt, Marbled	Bowl	5
MH015		Pearlware	Dipt	Pitcher	1
MH016	VS139	Pearlware	Dipt	Mug	5
MH017	VS008	Creamware	Dipt, Banded	Bowl	1
MH018	VS140	Creamware	Dipt, Marbled	Mug	5
MH019	VS009	Creamware	Dipt, Banded	Mug	5
MH020	VS141	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Punch Bowl	3
MH021	VS142	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Punch Bowl	4
MH022	VS143	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Teapot	2
MH023	VS144	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Teacup	1
MH024	VS145	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Teacup	2
MH025	VS146	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Teacup	1
MH026	VS104	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Teacup	5
MH027	VS147	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	1
MH028	VS104	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Saucer	3
MH029	VS148	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teapot	1
MH030	VS149	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teapot	6
MH031	VS150	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teapot	4
MH032	VS151	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teapot	4
MH033	VS152	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teapot	1
MH034	VS121	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teapot/Punch Bowl	1
MH035	VS151	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
MH036	VS153	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH037	VS116	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
MH038	VS116	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	2
MH039	VS154	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	3
MH040	VS155	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	6
MH041	VS156	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	2
MH042	VS156	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	2
MH043	VS157	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
MH044	VS166	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
MH045	VS112	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
MH046	VS158	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
MH047	VS119	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
MH048	VS159	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	2
MH049	VS160	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
MH050	VS161	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
MH051	VS115	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
MH052	VS162	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
MH053	VS163	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
MH054	VS164	Pearlware	Hand-Painted, Polychrome, Bright Tones	Saucer	4
MH055	VS164	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	4
MH056	VS165	Pearlware	Hand-Painted, Polychrome, Earth Tones	Punch Bowl	11
MH057	VS166	Pearlware	Hand-Painted, Polychrome, Earth Tones	Punch Bowl	32
MH058	VS167	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	26
MH059	VS167	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	12
MH060	VS168	Whiteware	Hand-Painted, Monochrome, Black	Teacup	1
MH061	VS169	Whiteware	Hand-Painted, Monochrome, Green	Teacup	1
MH062	VS170	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	1
MH063	VS171	Whiteware	Hand-Painted, Polychrome	Teacup	6
MH064	VS172	Whiteware	Hand-Painted, Monochrome, Black	Saucer	2
MH065	VS173	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	2
MH066	VS174	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	14
MH067	VS175	Whiteware	Hand-Painted, Polychrome	Teacup	2
MH068	VS122	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	4
MH069	VS122	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	17
MH070	VS176	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	1
MH071	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	1
MH072	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	2
MH073	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	2
MH074	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	2
MH075	VS177	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	4
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH076	VS178	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	5
MH077	VS177	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	2
MH078	VS016	Astbury	Engine Turned	Tea Pot	29
MH079	VS126	Canary Ware	No Visible Decoration	Ind.	3
MH080	VS012	Red Basalt	Relief Molded	Tea Pot	4
MH081	VS179	Whieldon Wedgewood	Molded Edge, Barley Pattern	Plate	4
MH082	VS125	Pearlware	No Visible Decoration	Ind. Hollowware	6
MH083	VS180	European Porcelain	Transfer-Printed, Red	Saucer	2
MH084	VS180	European Porcelain	Transfer-Printed, Red	Teacup	2
MH085	VS023	European Porcelain	Transfer-Printed, Blue	Teacup	3
MH086	VS023	European Porcelain	Transfer-Printed, Blue	Teacup	6
MH087	VS023	European Porcelain	Transfer-Printed, Blue	Bowl	1
MH088	VS181	European Porcelain	Banded, Blue	Teacup	1
MH089	VS181	European Porcelain	Banded, Blue	Saucer	8
MH090	VS031	European Porcelain	Relief Molded	Plate	4
MH091	VS182	European Porcelain	Relief Molded	Plate	1
MH092	VS183	European Porcelain	Relief Molded	Plate	1
MH093	VS184	European Porcelain	Relief Molded	Ind. Hollowware	1
MH094	VS028	European Porcelain	Overglazed	Teacup	8
MH095	VS028	European Porcelain	Overglazed	Saucer	10
MH096	VS185	European Porcelain	Overglazed	Ind. Hollowware	1
MH097	VS027	Chinese Export Porcelain	Overglazed, Hand-Painted, Green	Saucer	2
MH098	VS027	Chinese Export Porcelain	Overglazed, Hand-Painted, Green	Teacup	1
MH099	VS186	Chinese Export Porcelain	Overglazed, Hand-Painted, Red	Teacup	2
MH100	VS186	Chinese Export Porcelain	Overglazed, Hand-Painted, Red	Saucer	2
MH101	VS026	Chinese Export Porcelain	Overglazed, Hand-Painted, Polychrome	Teacup	1
MH102	VS186	Chinese Export Porcelain	Overglazed, Hand-Painted, Red	Saucer	1
MH103	VS186	Chinese Export Porcelain	Overglazed, Hand-Painted, Red	Saucer	1
MH104	VS187	Chinese Export Porcelain	Overglazed, Hand-Painted, Polychrome	Teacup	1
MH105	VS188	Chinese Export Porcelain	Overglazed, Hand-Painted, Polychrome	Saucer	1
MH106	VS187	Chinese Export Porcelain	Overglazed, Hand-Painted, Polychrome	Saucer	2
MH107	VS187	Chinese Export Porcelain	Overglazed, Hand-Painted, Polychrome	Saucer	1
MH108	VS189	Chinese Export Porcelain	Overglazed, Hand-Painted, Polychrome	Ind. Hollowware	5
MH109	VS190	Chinese Export Porcelain	Relive Molded	Teacup	1
MH110	VS191	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue, and Green	Teacup	3
MH111	VS192	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Saucer	1
MH112	VS193	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Teacup	1
MH113	VS194	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Saucer	1
MH114	VS195	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Saucer	8
MH115	VS025	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Ind. Hollowware	9
MH116	VS196	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Ind. Hollowware	5
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH117	VS197	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Punch Bowl	11
MH118	VS198	Ironstone	Transfer-Printed, Red		1
MH119	VS199	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Teacup	4
MH120	VS200	Whiteware	Transfer-Printed, Purple	Plate	19
MH121	VS201	Whiteware	Transfer-Printed, Purple	Plate	6
MH122	VS202	Whiteware	Transfer-Printed, Purple	Plate	3
MH123	VS203	Whiteware	Transfer-Printed, Purple	Ind. Hollowware	7
MH124	VS204	Ironstone	Transfer-Printed, Purple	Teacup	10
MH125	VS204	Ironstone	Transfer-Printed, Purple	Saucer	1
MH126	VS205	Ironstone	Transfer-Printed, Red	Teacup	7
MH127	VS206	Whiteware	Transfer-Printed, Red	Saucer	1
MH128	VS207	Whiteware	Transfer-Printed, Red	Saucer	3
MH129	VS075	Whiteware	Transfer-Printed, Red	Plate	2
MH130	VS208	Whiteware	Transfer-Printed, Red	Plate	4
MH131	VS209	Ironstone	Transfer-Printed, Green	Teacup	1
MH132	VS210	Whiteware	Transfer-Printed, Brown	Ind. Hollowware	1
MH133	VS211	Whiteware	Transfer-Printed, Brown	Plate	1
MH134	VS212	Whiteware	Transfer-Printed, Brown	Plate	4
MH135	VS213	Whiteware	Transfer-Printed, Brown	Ind. Serving Ware	10
MH136	VS214	Ironstone	Transfer-Printed, Black	Teacup	1
MH137	VS215	Ironstone	Transfer-Printed, Black	Teacup	1
MH138	VS216	Whiteware	Transfer-Printed, Black	Teacup	3
MH139	VS217	Ironstone	Transfer-Printed, Black	Ind. Hollowware	8
MH140	VS218	Whiteware	Transfer-Printed, Black	Ind. Hollowware	7
MH141	VS219	Whiteware	Transfer-Printed, Black	Platter	17
MH142	VS220	Whiteware	Transfer-Printed, Blue	Platter	5
MH143	VS221	Whiteware	Transfer-Printed, Blue	Plate	16
MH144	VS222	Ironstone	Transfer-Printed, Blue	Plate	2
MH145	VS224	Ironstone	Transfer-Printed, Blue	Plate	9
MH146	VS225	Whiteware	Transfer-Printed, Blue	Plate	7
MH147	VS223	Ironstone	Transfer-Printed, Blue	Saucer	5
MH148	VS223	Ironstone	Transfer-Printed, Blue	Teacup	5
MH149	VS226	Ironstone	Transfer-Printed, Blue	Teacup	3
MH150	VS082	Whiteware	Transfer-Printed, Blue	Teacup	3
MH151	VS082	Whiteware	Transfer-Printed, Blue	Saucer	4
MH152	VS085	Whiteware	Transfer-Printed, Blue	Teacup	5
MH153	VS085	Ironstone	Transfer-Printed, Blue	Teacup	2
MH154	VS227	Whiteware	Transfer-Printed, Blue	Teacup	2
MH155	VS228	Whiteware	Transfer-Printed, Blue	Teacup	1
MH156	VS089	Whiteware	Transfer-Printed, Blue	Teacup	1
MH157	VS229	Whiteware	Transfer-Printed, Blue	Teacup	1
MH158	VS230	Whiteware	Transfer-Printed, Blue	Teacup	1
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH159	VS231	Whiteware	Transfer-Printed, Blue	Teacup	1
MH160	VS232	Ironstone	Transfer-Printed, Blue	Teacup	1
MH161	VS233	Ironstone	Transfer-Printed, Blue	Teacup	2
MH162	VS234	Whiteware	Transfer-Printed, Blue	Saucer	1
MH163	VS235	Ironstone	Transfer-Printed, Blue	Saucer	1
MH164	VS235	Whiteware	Transfer-Printed, Blue	Plate	7
MH165	VS236	Whiteware	Transfer-Printed, Blue	Plate	2
MH166	VS237	Ironstone	Transfer-Printed, Blue	Plate	3
MH167	VS239	Ironstone	Transfer-Printed, Blue	Saucer	3
MH168	VS239	Ironstone	Transfer-Printed, Blue	Teacup	6
MH169	VS083	Whiteware	Transfer-Printed, Blue	Plate	15
MH170	VS240	Whiteware	Transfer-Printed, Blue	Plate	1
MH171	VS241	Whiteware	Transfer-Printed, Blue	Plate	5
MH172	VS242	Whiteware	Transfer-Printed, Blue	Plate	2
MH173	VS243	Whiteware	Transfer-Printed, Blue	Ind. Flatware	1
MH174	VS244	Ironstone	Transfer-Printed, Blue	Ind.	1
MH175	VS245	Ironstone	Transfer-Printed, Blue	Plate	3
MH176	VS246	Whiteware	Transfer-Printed, Blue	Teacup	3
MH177	VS246	Whiteware	Transfer-Printed, Blue	Saucer	6
MH178	VS247	Ironstone	Transfer-Printed, Blue	Saucer	1
MH179	VS248	Ironstone	Transfer-Printed, Blue	Ind.	4
MH180	VS249	Whiteware	Transfer-Printed, Blue	Plate	1
MH181	VS250	Whiteware	Transfer-Printed, Blue	Saucer	3
MH182	VS250	Whiteware	Transfer-Printed, Blue	Teacup	1
MH183	VS251	Whiteware	Transfer-Printed, Blue	Plate	8
MH184	VS252	Whiteware	Transfer-Printed, Blue	Plate	20
MH185	VS253	Ironstone	Transfer-Printed, Blue	Plate	1
MH186	VS098	Whiteware	Transfer-Printed, Blue	Plate	2
MH187	VS199	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	2
MH188	VS254	Whiteware	Transfer-Printed, Black	Ind. Serving Ware	1
MH189	VS255	Ironstone	Transfer-Printed, Brown	Plate	1
MH190	VS266	Pearlware	Transfer-Printed, Blue	Plate	4
MH191	VS267	Pearlware	Transfer-Printed, Blue	Plate	2
MH192	VS268	Pearlware	Transfer-Printed, Blue	Plate	3
MH193	VS269	Pearlware	Transfer-Printed, Blue	Saucer	2
MH194	VS270	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	1
MH195	VS271	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	3
MH196	VS272	Pearlware	Transfer-Printed, Blue	Plate	1
MH197	VS273	Pearlware	Transfer-Printed, Blue	Bowl	1
MH198	VS274	Pearlware	Transfer-Printed, Blue	Plate	1
MH199	VS275	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	1
MH200	VS276	Pearlware	Transfer-Printed, Blue	Plate	1
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH201	VS277	Pearlware	Transfer-Printed, Blue	Teacup	1
MH202	VS278	Pearlware	Transfer-Printed, Blue	Teacup	1
MH203	VS279	Pearlware	Transfer-Printed, Blue	Plate	1
MH204	VS280	Pearlware	Transfer-Printed, Blue	Saucer	3
MH205	VS281	Pearlware	Transfer-Printed, Blue	Bowl	4
MH206	VS088	Pearlware	Transfer-Printed, Blue	Plate	3
MH207	VS282	Pearlware	Transfer-Printed, Blue	Saucer	1
MH208	VS283	Pearlware	Transfer-Printed, Blue	Plate	1
MH209	VS284	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	2
MH210	VS099	Pearlware	Transfer-Printed, Blue	Plate	9
MH211	VS099	Pearlware	Transfer-Printed, Blue	Plate	9
MH212	VS099	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	2
MH213	VS097	Pearlware	Transfer-Printed, Blue	Teapot	4
MH214	VS097	Pearlware	Transfer-Printed, Blue	Saucer	4
MH215	VS097	Pearlware	Transfer-Printed, Blue	Ind. Teaware	1
MH216	VS097	Pearlware	Transfer-Printed, Blue	Teacup	46
MH217	VS100	Pearlware	Transfer-Printed, Blue	Plate	21
MH218	VS100	Pearlware	Transfer-Printed, Blue	Plate	9
MH219	VS100	Pearlware	Transfer-Printed, Blue	Plate	9
MH220	VS100	Pearlware	Transfer-Printed, Blue	Plate	11
MH221	VS100	Pearlware	Transfer-Printed, Blue	Ind. Serving Ware	1
MH222	VS100	Pearlware	Transfer-Printed, Blue	Ind. Serving Ware	2
MH223	VS100	Pearlware	Transfer-Printed, Blue	Ind. Serving Ware	3
MH224	VS100	Pearlware	Transfer-Printed, Blue	Ind. Serving Ware	1
MH225	VS100	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	1
MH226	VS285	Pearlware	Shell Edged, Green	Plate	1
MH227	VS286	Pearlware	Shell Edged, Green	Plate	1
MH228	VS287	Pearlware	Shell Edged, Green	Plate	2
MH229		Rockingham	No Visible Decoration	Plate	73
MH230	VS035	Pearlware	Shell Edged, Green	Plate	6
MH231	VS035	Pearlware	Shell Edged, Green	Plate	1
MH232	VS289	Pearlware	Shell Edged, Green	Plate	5
MH233	VS290	Pearlware	Shell Edged, Green	Plate	1
MH234	VS041	Pearlware	Shell Edged, Green	Plate	1
MH235	VS291	Pearlware	Shell Edged, Green	Plate	1
MH236	VS292	Pearlware	Shell Edged, Green	Plate	2
MH237	VS041	Pearlware	Shell Edged, Green	Plate	2
MH238	VS293	Pearlware	Shell Edged, Green	Plate	3
MH239	VS040	Pearlware	Shell Edged, Green	Plate	2
MH240	VS256	Whiteware	Transfer-Printed, Blue	Platter	14
MH241	VS257	Ironstone	Transfer-Printed, Blue	Platter	1
MH242	VS258	Ironstone	Transfer-Printed, Blue	Plate	1
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH243	VS259	Whiteware	Transfer-Printed, Blue	Plate	1
MH244	VS260	Whiteware	Transfer-Printed, Blue	Plate	1
MH245	VS261	Whiteware	Transfer-Printed, Blue	Plate	1
MH246	VS262	Whiteware	Transfer-Printed, Blue	Ind. Hollowware	1
MH247	VS263	Ironstone	Transfer-Printed, Blue	Ind. Hollowware	2
MH248	VS264	Whiteware	Transfer-Printed, Blue	Ind. Flatware	2
MH249	VS265	Whiteware	Transfer-Printed, Blue	Ind. Hollowware	4
MH250	VS238	Black Basalt	Relive Molded	Teapot	1
MH251		Tin-Glazed Earthenware	Hand-Painted, Chinoiserie, Blue	Punch Bowl	20
MH252		Tin-Glazed Earthenware	Hand-Painted, Chinoiserie, Blue	Punch Bowl	13
MH253		Tin-Glazed Earthenware	Hand painted, Polychrome	Ind. Hollowware	2
MH254	VS336	Whiteware	Sponge, Black, Red, and Green	Plate	16
MH255	VS022	Whiteware	Sponge, Blue	Plate	10
MH256	VS337	Whiteware	Sponge, Brown and Black	Bowl	3
MH257	VS338	Whiteware	Sponge, Red	Bowl	13
MH258	VS339	Whiteware	Sponge, Green	Ind. Hollowware	1
MH259	VS340	Whiteware	Sponge, Blue	Plate	17
MH260	VS341	Whiteware	Sponge, Blue	Bowl	8
MH261	VS342	Whiteware	Sponge, Blue	Bowl	2
MH262	VS343	Whiteware	Sponge, Blue and Yellow	Bowl	13
MH263	VS344	Whiteware	Sponge, Blue and Red	Plate	3
MH264	VS345	Whiteware	Sponge, Red and Green	Plate	7
MH265	VS345	Whiteware	Sponge, Red and Green	Bowl	4
MH266	VS346	Whiteware	Sponge, Blue and Red	Plate	10
MH267	VS347	Ironstone	Hand-Painted, Green	Teacup	3
MH268		White Salt Glaze Stoneware	Relive Molded	Teapot or Pitcher	3
MH269	VS010	Whieldon Wedgewood	No Visible Decoration	Ind.	1
MH270	VS298	Creamware	Common Creamware, Molded Edge	Pan	6
MH271	VS299	Creamware	Common Creamware, Molded Edge	Pan	25
MH272	VS294	Creamware	No Visible Decoration	Ind. Hollowware	7
MH273	VS295	Creamware	Molded Edge	Plate	2
MH274	VS296	Creamware	Molded Edge	Plate	1
MH275	VS297	Creamware	Molded Edge	Plate	3
MH276	VS297	Creamware	Molded Edge	Plate	4
MH277	VS348	Creamware	Common Creamware, Molded Edge	Plate	4
MH278	VS349	Creamware	Common Creamware, Molded Edge	Plate	1
MH279	VS350	Creamware	Common Creamware, Molded Edge	Plate	1
MH280	VS351	Creamware	Common Creamware, Molded Edge	Plate	1
MH281	VS352	Creamware	Common Creamware, Molded Edge	Plate	20
MH282		Pearlware	No Visible Decoration	Ind. Hollowware	1
MH283	VS300	Whiteware	Embossed Edge	Plate	12
MH284	VS301	Pearlware	Embossed Edge	Platter	2
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH285	VS070	Pearlware	Embossed Edge	Plate	3
MH286	VS067	Pearlware	Embossed Edge	Plate	6
MH287	VS302	Pearlware	Embossed Edge	Plate	1
MH288	VS048	Pearlware	Embossed Edge	Plate	1
MH289	VS303	Pearlware	Embossed Edge	Plate	2
MH290	VS044	Pearlware	Embossed Edge	Plate	2
MH291	VS304	Pearlware	Embossed Edge	Plate	3
MH292	VS312	Pearlware	Embossed Edge	Plate	5
MH293	VS313	Pearlware	Embossed Edge	Plate	2
MH294	VS314	Pearlware	Embossed Edge	Plate	1
MH295	VS315	Pearlware	Embossed Edge	Plate	1
MH296	VS316	Pearlware	Embossed Edge	Plate	1
MH297	VS317	Pearlware	Embossed Edge	Plate	2
MH298	VS318	Pearlware	Embossed Edge	Plate	4
MH299	VS319	Pearlware	Embossed Edge	Plate	3
MH300	VS320	Pearlware	Embossed Edge	Plate	29
MH301	VS321	Pearlware	Embossed Edge	Plate	40
MH302	VS322	Pearlware	Embossed Edge	Platter	2
MH303	VS322	Pearlware	Embossed Edge	Plate	5
MH304	VS050	Pearlware	Embossed Edge	Plate	1
MH305	VS323	Pearlware	Embossed Edge	Plate	5
MH306	VS324	Pearlware	Embossed Edge	Plate or Platter	14
MH307	VS325	Pearlware	Embossed Edge	Plate	5
MH308	VS326	Pearlware	Embossed Edge	Platter	1
MH309	VS327	Pearlware	Embossed Edge	Plate	1
MH310	VS328	Pearlware	Embossed Edge	Plate	1
MH311	VS329	Pearlware	Embossed Edge	Plate	2
MH312	VS330	Pearlware	Embossed Edge	Plate	1
MH313	VS331	Pearlware	Embossed Edge	Plate	1
MH314	VS332	Pearlware	Embossed Edge	Plate	1
MH315	VS333	Pearlware	Embossed Edge	Plate	1
MH316	VS334	Pearlware	Embossed Edge	Plate	1
MH317	VS335	Pearlware	Embossed Edge	Plate	5
MH318	VS057	Pearlware	Embossed Edge	Plate	4
MH319	VS353	Pearlware	Embossed Edge	Plate	3
MH320	VS305	Whiteware	Embossed Edge	Platter	1
MH321	VS305	Whiteware	Embossed Edge	Plate	1
MH322	VS305	Whiteware	Embossed Edge	Platter	1
MH323	VS305	Whiteware	Embossed Edge	Plate	16
MH324	VS072	Whiteware	Embossed Edge	Plate	17
MH325	VS307	Whiteware	Embossed Edge	Plate	2
MH326	VS308	Whiteware	Embossed Edge	Plate	1
Vessel	**Vessel Set**	**Ware Type**	**Decoration**	**Vessel Type**	**Number of Sherds**

MH327	VS309	Whiteware	Embossed Edge	Plate	4
MH328	VS310	Whiteware	Embossed Edge	Plate	12
MH329	VS073	Whiteware	Embossed Edge	Plate	16
MH330	VS069	Whiteware	Embossed Edge	Plate	9
MH331	VS306	Whiteware	Embossed Edge	Platter	1

Table 3: Quarter Site B Vessels

Vessels identified from Quarter Site B during the minimum vessel analysis.

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
1.001	VS050	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	1
1.002		Pearlware	Shell Edged, Green	Plate	1
1.003	VS037	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Green	Plate	1
1.004	VS059	Pearlware	Shell-Edged, Rococo	Plate	4
1.005	VS073	Whiteware	Shell Edged, Scalloped, Unmolded	Plate	1
1.006	VS062	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	2
1.007	VS044	Pearlware	Embossed Edge, Chord and Herringbone, Blue	Plate	1
1.008	VS051	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	1
1.009	VS055	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	5
1.010		Pearlware	Embossed Edge, Ind. Color	Plate	4
1.011	VS067	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	2
1.012	VS068	Whiteware	Shell Edged, Blue	Plate	1
1.013	VS069	Whiteware	Shell Edged, Scalloped, Unmolded	Plate	1
1.014	VS045	Pearlware	Embossed Edge, Dot and Grass, Blue	Plate	1
1.015	VS043	Pearlware	Embossed Edge, Blue	Plate	1
1.016	VS042	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Green	Plate	3
1.017		Pearlware	Shell Edged, Green	Plate	3
1.018	VS035	Pearlware	Embossed Edge, Fish Scale and Feather, Green	Plate	2
1.019	VS038	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Green	Plate	1
1.020		Pearlware	Dipt	Mug	1
1.021		Whiteware	Dipt, Banded	Mug	1
1.022	VS006	Pearlware	Dipt	Mug	2
1.023	VS008	Pearlware	Dipt	Mug	3
1.024	VS004	Pearlware	Dipt, Mocha	Ind. Hollowware	3
1.025	VS181	European Porcelain	Banded	Ind. Hollowware	1
1.026	VS006	Pearlware	Dipt	Bowl	1
1.027	VS002	Whiteware	Dipt, Mocha	Ind. Hollowware	1
1.028	VS009	Pearlware	Dipt	Mug	2
1.029	VS098	Whiteware	Transfer-Printed, Blue	Unidentifiable	2
1.030	VS100	Pearlware	Transfer-Printed, Blue	Plate	12
1.031	VS085	Whiteware	Transfer-Printed, Blue	Ind. Hollowware	7
1.032	VS086	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	1
1.033	VS087	Whiteware	Transfer-Printed, Blue	Ind. Hollowware	2
1.034	VS088	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	4
1.035		Pearlware	Transfer-Printed, Blue	Ind. Flatware	1
1.036	VS074	Whiteware	Transfer-Printed, Blue	Ind. Hollowware	1
1.037	VS079	Whiteware	Transfer-Printed, Purple	Teacup	3

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
1.038	VS099	Pearlware	Transfer-Printed, Blue	Bowl	5
1.039	VS100	Whiteware	Transfer-Printed, Blue	Plate	1
1.040	VS075	Whiteware	Transfer-Printed, Pink	Unidentifiable	1
1.041	VS080	Whiteware	Transfer-Printed, Blue	Saucer	3
1.042	VS083	Whiteware	Transfer-Printed, Blue	Plate	5
1.043	VS097	Pearlware	Transfer-Printed, Blue and Green	Ind. Hollowware	5
1.044		Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	7
1.045	VS123	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	1
1.046		Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	2
1.047	VS100	Pearlware	Transfer-Printed, Blue	Ind. Flatware	6
1.048	VS115	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	3
1.049	VS109	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	4
1.050	VS124	Pearlware	Hand-Painted, Polychrome, Bright Tones	Saucer	1
1.051	VS116	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	3
1.052	VS112	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
1.053	VS104	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Teacup	3
1.054	VS107	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	6
1.055	VS103	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	3
1.056	VS112	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	7
1.057	VS107	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	2
1.058		Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	2
1.059	VS113	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	3
1.060	VS117	Pearlware	Hand-Painted, Polychrome, Bright Tones	Saucer	2
1.061	VS104	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Saucer	3
1.062	VS116	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
1.063	VS109	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Ind. Teaware	3
1.064	VS006	Pearlware	Dipt	Mug	1
1.065	VS120	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	3
1.066	VS115	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
1.067		Pearlware	Hand-Painted, Monochrome, Blue, Floral	Sugar Bowl	1
1.068	VS076	Whiteware	Transfer-Printed, Purple	Teacup	2
1.069		Pearlware	Hand-Painted, Monochrome, Blue, Floral	Teacup	1
1.070	VS014	Staffordshire Slipware	Slip Glazed	Dish	1
1.071	VS016	Astbury	Engine Turned	Tea Pot	13
1.072	VS126	Canary Ware	No Visible Decoration	Unidentifiable	3
1.073	VS020	Whiteware	Sponge, Ind. Color	Ind. Hollowware	1
1.074	VS021	Whiteware	Sponge, Blue	Plate	1
1.075	VS015	Staffordshire Slipware	Slip Glazed, Dots	Cup	1
1.076	VS025	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Ind. Teaware	8
1.077	VS026	Chinese Export Porcelain	Overglazed	Ind. Teaware	1

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
1.078	VS019	Ironstone	No Visible Decoration	Soup Plate	3
1.079	VS020	Whiteware	Sponge, Green	Unidentifiable	8
1.080	VS031	European Porcelain	Relief Molded	Unidentifiable	1
1.081	VS010	Whieldon Wedgewood	No Visible Decoration	Unidentifiable	3
1.082		Pearlware	Shell Edged, Blue	Plate	2
1.124		Jackfield Type	No Visible Decoration	Tea Pot	1
1.170	VS077	Whiteware	Transfer-Printed, Purple	Teacup	1
1.171	VS078	Whiteware	Transfer-Printed, Brown	Teacup	1
1.172	VS084	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	1
1.173	VS099	Pearlware	Transfer-Printed, Blue	Teacup	1
1.174	VS101	Whiteware	Transfer-Printed, Blue	Plate	1
1.175	VS114	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
1.176	VS119	Pearlware	Hand-Painted, Polychrome, Bright Tones	Saucer	2
1.177	VS118	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	1
1.178	VS118	Pearlware	Hand-Painted, Polychrome, Bright Tones	Saucer	1
1.179	VS007	Pearlware	Dipt	Ind. Hollowware	3
1.180	VS001	Pearlware	Dipt, Marbled	Mug	2
1.181	VS033	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Green	Plate	1
1.182	VS061	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	1
1.183	VS058	Pearlware	Shell-Edged, Rococo	Plate	1
1.184		Tin-Glazed Earthenware	Hand-Painted, Monochrome, Blue	Ind. Hollowware	1
1.185	VS011	Whieldon Wedgewood	Edge Decorated, Dot-Diaper-Basket	Plate	1
1.186		Pearlware	Hand-Painted, Monochrome, Blue, Ind. Motif	Unidentifiable	1
1.187		Creamware	Common Creamware, No Visible Decoration	Ind. Teaware	1
1.188		Creamware	Common Creamware, No Visible Decoration	Bowl	1
1.189		Creamware	Common Creamware, No Visible Decoration	Mug	1
1.190	VS032	Creamware	Common Creamware, No Visible Decoration	Plate	2
1.191		Creamware	Common Creamware, No Visible Decoration	Plate	1
1.192	VS122	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	1
1.192	VS098	Whiteware	Transfer-Printed, Blue	Plate	1
2.047	VS004	Pearlware	Dipt, Mocha	Bowl	24
2.048	VS003	Pearlware	Dipt, Mocha	Mug	13
2.049	VS008	Pearlware	Dipt	Mug	1
2.050	VS001	Pearlware	Dipt, Marbled	Mug	3
2.051	VS046	Pearlware	Embossed Edge, Fish Scale and Feather, Green	Plate	2
2.052	VS039	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Green	Plate	
2.053	VS040	Pearlware	Shell Edged, Green	Plate	3
2.054	VS036	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Green	Plate	1
2.055	VS034	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Green	Plate	2
2.056	VS044	Pearlware	Embossed Edge, Chord and Herringbone, Blue	Plate	1
2.057	VS047	Pearlware	Embossed Edge, Dotted, Blue	Plate	3

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
2.058	VS048	Pearlware	Embossed Edge, Fish Scale and Feather, Blue	Plate	1
2.059	VS049	Pearlware	Embossed Edge, Chord and Herringbone, Blue	Plate	1
2.060	VS067	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	7
2.061	VS070	Whiteware	Shell Edged	Plate	1
2.062	VS055	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	4
2.063	VS056	Pearlware	Shell-Edged, Rococo	Plate	2
2.064	VS064	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Platter	2
2.065	VS057	Pearlware	Shell-Edged, Rococo	Plate	3
2.066	VS060	Whiteware	Shell Edged	Plate	8
2.067	VS054	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	3
2.068	VS060	Whiteware	Shell Edged	Plate	2
2.069		Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	2
2.070	VS071	Whiteware	Shell Edged	Plate	1
2.071	VS060	Whiteware	Shell Edged	Plate	2
2.072	VS058	Pearlware	Shell-Edged, Rococo	Plate	1
2.073	VS066	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	2
2.074		Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Saucer	1
2.075	VS108	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	2
2.076	VS108	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Teacup	1
2.077	VS107	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Teacup	2
2.078	VS110	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Teacup	9
2.079	VS110	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Saucer	9
2.080	VS118	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	2
2.081	VS118	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	2
2.082	VS118	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	2
2.083	VS121	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	4
2.084	VS114	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
2.085	VS113	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	5
2.086	VS113	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
2.087	VS103	Whiteware	Hand-Painted, Monochrome, Green, Geometric Motif	Teacup	3
2.088	VS121	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	9
2.089		Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
2.090	VS111	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	3
2.091	VS112	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
2.092	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	2
2.093	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	1
2.094	VS122	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	3
2.095	VS079	Whiteware	Transfer-Printed, Purple	Saucer	14
2.096	VS080	Whiteware	Transfer-Printed, Black	Teacup	5
2.097	VS080	Whiteware	Transfer-Printed, Black	Saucer	1
2.098	VS083	Whiteware	Transfer-Printed, Blue	Plate	12
2.099	VS100	Pearlware	Transfer-Printed, Blue	Plate	6

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
2.100	VS099	Pearlware	Transfer-Printed, Blue	Plate	9
2.101	VS081	Whiteware	Transfer-Printed, Blue	Teacup	1
2.102	VS089	Whiteware	Transfer-Printed, Blue	Teacup	2
2.103	VS090	Pearlware	Transfer-Printed, Blue	Saucer	4
2.104	VS091	Pearlware	Transfer-Printed, Blue	Saucer	1
2.105	VS096	Pearlware	Transfer-Printed, Blue	Saucer	4
2.106	VS094	Pearlware	Transfer-Printed, Blue	Teacup	1
2.107	VS092	Pearlware	Transfer-Printed, Blue	Plate	12
2.108	VS100	Pearlware	Transfer-Printed, Blue	Plate	5
2.109	VS095	Pearlware	Transfer-Printed, Blue, Willow	Plate	1
2.110	VS082	Whiteware	Transfer-Printed, Blue	Plate	7
2.111	VS023	European Porcelain	Transfer-Printed, Blue	Saucer	10
2.112	VS024	Chinese Export Porcelain	Underglazed, Hand-Painted, Blue	Saucer	6
2.113	VS031	European Porcelain	Relief Molded	Teacup	2
2.114		European Porcelain	No Visible Decoration	Teacup	4
2.115		Creamware	Common Creamware, No Visible Decoration	Teacup	4
2.116		Whiteware	Transfer-Printed, Green and Yellow	Teacup	1
2.117	VS125	Pearlware	Scratch Blue	Chamber Pot	2
2.118		Creamware	Common Creamware, No Visible Decoration	Chamber Pot	1
2.119	VS017	Ironstone	No Visible Decoration	Pitcher	1
2.120	VS019	Ironstone	No Visible Decoration	Soup Plate	2
2.121		European Porcelain	No Visible Decoration	Mug	1
2.122	VS020	Whiteware	Sponge, Brown and Green	Bowl	3
2.123	VS021	Whiteware	Sponge, Blue	Bowl	2
2.126	VS004	Pearlware	Dipt, Mocha	Bowl	8
2.127	VS009	Pearlware	Dipt	Ind. Hollowware	1
2.128	VS199	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Sugar Bowl	1
2.129	VS122	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Ind. Teaware	2
2.130	VS100	Pearlware	Transfer-Printed, Blue	Plate	1
2.131		Tin-Glazed Earthenware	No Visible Decoration	Ind. Hollowware	1
2.132	VS012	Red Basalt	Relief Molded	Tea Pot	1
2.133	VS035	Pearlware	Embossed Edge, Fish Scale and Feather, Green	Plate	2
2.134	VS041	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Green	Plate	1
2.135	VS116	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
2.136	VS112	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	
2.137	VS122	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Teacup	1
3.001	VS065	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	2
3.002		Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	2
3.003	VS065	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	1
3.004	VS063	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	4
3.005	VS028	European Porcelain	Overglazed	Ind. Teaware	6

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
3.006	VS121	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	3
3.007	VS112	Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
3.008		Tin-Glazed Earthenware	Hand-Painted, Monochrome, Blue	Punch Bowl	16
3.009		Pearlware	Dipt	Ind. Hollowware	1
3.010	VS079	Whiteware	Transfer-Printed, Purple	Teacup	1
3.011		Chinese Export Porcelain	No Visible Decoration	Unidentifiable	7
3.012	VS100	Pearlware	Transfer-Printed, Blue	Ind. Flatware	3
3.013		Creamware	No Visible Decoration	Unidentifiable	2
3.014		Creamware	Common Creamware, No Visible Decoration	Unidentifiable	4
3.015		Creamware	Common Creamware, No Visible Decoration	Mug	4
3.016	VS022	Whiteware	Sponge, Blue	Plate	1
3.017		Pearlware	Hand-Painted, Polychrome, Earth Tones	Ind. Teaware	2
3.018		Pearlware	Hand-Painted, Monochrome, Blue, Ind. Motif	Ind. Teaware	3
3.019	VS098	Whiteware	Transfer-Printed, Blue	Unidentifiable	2
3.020	VS010	Whieldon Wedgewood	No Visible Decoration	Unidentifiable	4
3.021		Pearlware	Hand-Painted, Monochrome, Blue, Floral	Unidentifiable	2
3.022	VS019	Ironstone	No Visible Decoration	Soup Plate	1
3.023	VS018	Ironstone	No Visible Decoration	Plate	1
3.024		Pearlware	Relief Molded	Ind. Hollowware	2
3.046	VS036	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Green	Plate	1
3.047	VS073	Whiteware	Shell Edged, Scalloped, Unmolded	Plate	1
3.048	VS067	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	1
3.049	VS058	Pearlware	Shell-Edged, Rococo	Plate	1
3.050		Pearlware	Transfer-Printed, Blue	Unidentifiable	1
3.051	VS099	Pearlware	Transfer-Printed, Blue	Plate	5
3.052		Whiteware	Transfer-Printed, Blue	Plate	1
3.053	VS093	Pearlware	Transfer-Printed, Blue	Unidentifiable	1
3.054	VS009	Pearlware	Dipt	Mug	1
3.055		Pearlware	Hand-Painted, Polychrome, Earth Tones	Saucer	1
3.056		Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	1
3.057		European Porcelain	Relief Molded	Unidentifiable	2
3.058	VS117	Pearlware	Hand-Painted, Polychrome, Bright Tones	Saucer	1
4.003	VS061	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Blue	Plate	2
4.004	VS034	Pearlware	Shell-Edged, Even Scallop, Curved Lines, Green	Plate	3
4.005		Pearlware	Shell Edged, Blue	Plate	1
4.006	VS027	Chinese Export Porcelain	Overglazed	Saucer	1
4.008		Creamware	Common Creamware, No Visible Decoration	Unidentifiable	9
4.009	VS100	Whiteware	Transfer-Printed, Blue	Plate	3
4.011		Pearlware	Hand-Painted, Polychrome, Earth Tones	Unidentifiable	1
5.001		Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1

Vessel	Vessel Set	Type	Decoration	Vessel Type	Number of Sherds
5.002		Pearlware	Hand-Painted, Monochrome, Blue, Ind. Motif	Ind. Teaware	1
5.003		Canary Ware	No Visible Decoration	Unidentifiable	1
5.004		Creamware	Common Creamware, No Visible Decoration	Plate	2
5.005	VS097	Pearlware	Transfer-Printed, Blue	Ind. Hollowware	1
5.006	VS059	Pearlware	Shell-Edged, Rococo	Plate	1
5.007	VS052	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	1
5.008	VS053	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	1
5.013	VS007	Pearlware	Dipt	Mug	3
5.014		Pearlware	Dipt	Bowl	1
5.015	VS030	European Porcelain	No Visible Decoration	Unidentifiable	1
5.016	VS124	Whiteware	Hand-Painted, Polychrome, Chrome Colors	Saucer	1
5.018		Pearlware	Transfer-Printed, Blue	Ind. Teaware	1
5.019		Yellowware	No Visible Decoration	Unidentifiable	1
5.020	VS029	European Porcelain	Overglazed	Saucer	1
5.021	VS125	Pearlware	Scratch Blue	Chamber Pot	1
6.006	VS073	Whiteware	Shell Edged, Scalloped, Unmolded	Plate	1
6.007	VS117	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	1
6.008	VS118	Pearlware	Hand-Painted, Polychrome, Bright Tones	Teacup	1
6.009	VS002	Whiteware	Dipt, Mocha	Bowl	1
6.010	VS013	European Porcelain	Overglazed	Jar	1
7.001	VS100	Pearlware	Transfer-Printed, Blue	Plate	1
7.002	VS104	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Saucer	1
7.003	VS106	Pearlware	Hand-Painted, Monochrome, Blue, Floral	Ind. Teaware	1
7.004	VS116	Pearlware	Hand-Painted, Polychrome, Earth Tones	Teacup	1
7.005		Pearlware	Dipt	Ind. Hollowware	1
7.006	VS004	Pearlware	Dipt, Mocha	Ind. Hollowware	1
7.007	VS033	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Green	Plate	3
7.008	VS053	Pearlware	Shell-Edged, Even Scallop, Impressed Bud, Blue	Plate	1
7.009	VS072	Whiteware	Shell Edged	Plate	1
8.001		Westerwald Stoneware	No Visible Decoration	Ind. Hollowware	1
8.002	VS066	Pearlware	Shell-Edged, Even Scallop, Straight Lines, Blue	Plate	1
8.003	VS035	Pearlware	Embossed Edge, Fish Scale and Feather, Green	Plate	1
8.004	VS104	Pearlware	Hand-Painted, Monochrome, Blue, Chinoiserie	Teacup	2

Table 4: Vessel Sets

Vessels sets for vessels identified from Quarter Site B and the Manor House grounds. This includes all vessel sets, not just those used in Chapter 7. Specifically, I include sets for dipt and sponge-decorated vessels which are not included in the analysis in Chapter 7 because these types of vessels were not sold in sets. I included them in the vessel sets solely to compare decoration across the sites in my preliminary analysis. The QSB column is the number of vessels from Quarter Site B that belong to each vessel set and the MHG column is the number of vessels from the Manor House grounds that belong to each set.

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS001	2	0	Pearlware	Tableware	Dipt	Marbled	
VS002	2	1	Pearlware	Tableware	Dipt	Mocha	Red
VS003	1	0	Pearlware	Tableware	Dipt	Mocha	Yellow
VS004	4	1	Pearlware	Tableware	Dipt	Mocha	Grey
VS006	3	0	Pearlware	Tableware	Dipt		
VS007	2	0	Pearlware	Tableware	Dipt		
VS008	2	1	Pearlware	Tableware	Dipt		
VS009	3	1	Pearlware	Tableware	Dipt		
VS010	2	1	Early Vessels	Tableware	Wheildon Wedgewood		
VS011	1	0	Early Vessels	Tableware	Wheildon Wedgewood		
VS012	1	1	Dry Bodied Stoneware	Tea Set	Basalt		Red
VS013	1	0	European Porcelain	n/a	Hand-Painted, Overglaze	Floral	
VS014	1	0	Early Vessels	Tableware	Staffordshire Slipware	Linear	
VS015	1	0	Early Vessels	Tableware	Staffordshire Slipware	Dots	
VS016	1	1	Early Vessels	Tea Set	Astbruy		
VS017	1	0	Ironstone	Ind.	Undecorated		
VS018	1	0	Ironstone	Tableware	Edge Moldeld		
VS019	3	0	Ironstone	Tableware	Undecorated		
VS020	3	0	Whiteware	Tableware	Sponged		Brown and Green
VS021	2	0	Whiteware	Tableware	Sponged		Blue
VS022	1	1	Whiteware	Tableware	Sponged		Blue
VS023	1	3	European Porcelain	Tea Set	Transferprinted	Geo-Floral	Blue
VS024	1	0	Chinese Porcelain	Tea Set	Hand-Painted, Underglaze		Blue
VS025	1	1	Chinese Porcelain	Tea Set	Hand-Painted, Underglaze		Blue
VS026	1	1	Chinese Porcelain	Tea Set	Hand-Painted, Overglaze	Dots	Orange
VS027	1	2	Chinese Porcelain	Tea Set	Hand-Painted, Overglaze	Linear	
VS028	1	2	European Porcelain	Tea Set	Hand-Painted, Overglaze	Floral	
VS029	1	0	European Porcelain	Tea Set	Hand-Painted, Overglaze	Floral	
VS030	1	0	European Porcelain	Ind.	Edge Molded		
VS031	2	1	European Porcelain	Tea Set	Relief Molded		
VS032	1	0	Creamware	Tableware	Common Creamware, Edge Molded		

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS033	2	0	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS034	2	0	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS035	1	2	Pearlware	Tableware	Edge Ware	Other Edged Motif	Green
VS036	2	0	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS037	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS038	1	0	Pearlware	Tableware	Edge Ware	Rococo	Green
VS039	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS040	1	1	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS041	1	2	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS042	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Green
VS043	1	0	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS044	2	1	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS045	1	0	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS046	1	0	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS047	1	0	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS048	1	1	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS049	1	0	Pearlware	Tableware	Edge Ware	Other Edged Motif	Blue
VS050	1	1	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS051	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS052	1	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS053	2	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS054	1	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS055	2	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS056	1	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS057	1	1	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS058	2	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS059	2	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS060	3	0	Whiteware	Tableware	Edge Ware	Shell Edged	Blue
VS061	2	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS062	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS063	1	0	Pearlware	Tableware	Edge Ware	Rococo	Blue
VS064	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS065	2	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS066	2	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS067	3	1	Pearlware	Tableware	Edge Ware	Shell Edged, Solid Painted Line	Blue
VS068	1	0	Pearlware	Tableware	Edge Ware	Shell Edged	Blue
VS069	1	1	Whiteware	Tableware	Edge Ware	Shell Edged	Blue
VS070	1	1	Pearlware	Tableware	Edge Ware	Shell Edged, Solid Painted Line	Blue
VS071	1	0	Whiteware	Tableware	Edge Ware	Shell Edged	Blue
VS072	1	1	Whiteware	Tableware	Edge Ware	Shell Edged	Blue

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS073	3	1	Whiteware	Tableware	Edge Ware	Shell Edged	Blue
VS074	1	0	Whiteware	Ind.	Transferprinted		Black
VS075	1	1	Whiteware	Tableware	Transferprinted		Red
VS076	1	0	Whiteware	Tea Set	Transferprinted		Purple
VS077	1	0	Whiteware	Tea Set	Transferprinted		Purple
VS078	1	0	Whiteware	Tea Set	Transferprinted		Brown
VS079	3	0	Whiteware	Tea Set	Transferprinted	Vignette	Purple
VS080	3	0	Whiteware	Tea Set	Transferprinted	Vignette	Black
VS081	1	0	Whiteware	Tea Set	Transferprinted	Vignette	Blue
VS082	1	2	Whiteware	Tableware	Transferprinted	Geometric	Blue
VS083	4	1	Whiteware	Tableware	Transferprinted	Geo-floral	Blue
VS084	2	0	Pearlware	Tableware	Transferprinted	Geo-floral	Blue
VS085	1	2	Whiteware	Tableware	Transferprinted	Geometric	Blue
VS086	1	0	Pearlware	Tableware	Transferprinted		Blue
VS087	1	0	Pearlware	Tableware	Transferprinted	Geo-floral	Blue
VS088	1	1	Pearlware	Ind.	Transferprinted	Floral	Blue
VS089	1	1	Whiteware	Tea Set	Transferprinted	Geometric	Blue
VS090	1	0	Pearlware	Tableware	Transferprinted	Geo-floral	Blue
VS091	1	0	Pearlware	Tea Set	Transferprinted	Geometric	Blue
VS092	1	0	Pearlware	Tableware	Transferprinted	Floral	Blue
VS093	1	0	Pearlware	Ind.	Transferprinted	Floral	Blue
VS094	1	0	Pearlware	Tea Set	Transferprinted		Blue
VS095	1	0	Pearlware	Tableware	Transferprinted	Blue Willow	Blue
VS096	1	0	Pearlware	Tea Set	Transferprinted	Geo-floral	Blue
VS097	2	3	Pearlware	Tableware	Transferprinted	Geometric	Blue
VS098	1	1	Whiteware	Tableware	Transferprinted	Floral	Blue
VS099	4	2	Pearlware	Tableware	Transferprinted	Floral	Blue
VS100	9	9	Pearlware	Tableware	Transferprinted	Lattice Scroll	Blue
VS101	3	0	Pearlware	Tableware	Transferprinted	Floral	Blue
VS103	2	0	Whiteware	Tea Set	Hand-Painted	Geometric	Green
VS104	4	2	Pearlware	Tea Set	Hand-Painted	Chinoiserie	Blue
VS106	1	0	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS107	3	0	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS108	2	0	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS109	2	0	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS110	2	0	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS111	1	0	Pearlware	Tea Set	Hand-Painted	Geo-floral	Earth Tones
VS112	4	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS113	3	0	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS114	2	0	Pearlware	Tea Set	Hand-Painted	Geo-floral	Earth Tones
VS115	2	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS116	4	2	Pearlware	Tea Set	Hand-Painted	Geo-floral	Earth Tones

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS117	3	0	Pearlware	Tea Set	Hand-Painted	Geometric	Bright Tones
VS118	6	0	Pearlware	Tea Set	Hand-Painted	Floral	Bright Tones
VS119	1	1	Pearlware	Tea Set	Hand-Painted	Floral	Bright Tones
VS120	1	0	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS121	3	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS122	4	2	Whiteware	Tea Set	Hand-Painted	Floral	Chrome
VS123	1	0	Whiteware	Tea Set	Hand-Painted	Floral	Chrome
VS124	4	4	Whiteware	Tea Set	Hand-Painted	Floral	Chrome
VS125	2	1	Pearlware	Utilitarian	Scratch Blue		Blue
VS126	1	1	Canary Ware	Ind.			
VS127	0	1	Creamware	Tableware	Dipt	Banded	Yellow
VS128	0	1	Pearlware	Tableware	Dipt	Marbled	Red
VS129	0	1	Creamware	Tableware	Dipt	Mocha	Yellow (Pale)
VS130	0	1	Creamware	Tableware	Dipt	Mocha	Red
VS131	0	1	Yellowware	Tableware	Dipt	Mocha	Blue
VS132	0	1	Yellowware	Tableware	Dipt	Mocha	Orange
VS133	0	1	Whiteware	Tableware	Dipt	Banded	Blue
VS134	0	1	Whiteware	Tableware	Dipt	Banded	Blue
VS135	0	1	Whiteware	Tableware	Dipt	Banded	Green
VS136	0	1	Whiteware	Tableware	Dipt	Banded	Green
VS137	0	1	Whiteware	Tableware	Dipt	Banded	Blue / Green
VS138	0	1	Pearlware	Tableware	Dipt	Mocha	Red
VS139	0	1	Pearlware	Tableware	Dipt		
VS140	0	1	Creamware	Tableware	Dipt	Marbled	
VS141	0	1	Pearlware	Punch Bowl	Hand-Painted	Chinoiserie	Blue
VS142	0	1	Pearlware	Punch Bowl	Hand-Painted	Chinoiserie	Blue
VS143	0	1	Pearlware	Tea Set	Hand-Painted		Blue
VS144	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS145	0	1	Pearlware	Tea Set	Hand-Painted	Chinoiserie	Blue
VS146	0	1	Pearlware	Tea Set	Hand-Painted	Chinoiserie	Blue
VS147	0	1	Pearlware	Tea Set	Hand-Painted	Chinoiserie	Blue
VS148	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS149	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS150	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS151	0	2	Pearlware	Tea Set	Hand-Painted	Geo-floral	Earth Tones
VS152	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS153	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS154	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS155	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS156	0	2	Pearlware	Tea Set	Hand-Painted	Geometric	Earth Tones
VS157	0	1	Pearlware	Tea Set	Hand-Painted		Earth Tones
VS158	0	1	Pearlware	Tea Set	Hand-Painted		Earth Tones

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS159	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS160	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS161	0	1	Pearlware	Tea Set	Hand-Painted	Geo-floral	Earth Tones
VS162	0	1	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS163	0	1	Pearlware	Tea Set	Hand-Painted		Earth Tones
VS164	0	2	Pearlware	Tea Set	Hand-Painted		Bright Tones
VS165	0	1	Pearlware	Ind.	Hand-Painted	Geo-floral	Earth Tones
VS166	0	2	Pearlware	Ind.	Hand-Painted	Geometric	Earth Tones
VS167	0	2	Pearlware	Tea Set	Hand-Painted	Floral	Earth Tones
VS168	0	1	Whiteware	Tea Set	Hand-Painted	Geometric	Black
VS169	0	1	Whiteware	Tea Set	Hand-Painted	Floral	Green
VS170	0	1	Whiteware	Tea Set	Hand-Painted	Geometric	Chrome
VS171	0	1	Whiteware	Tea Set	Hand-Painted	Floral	
VS172	0	1	Whiteware	Tea Set	Hand-Painted	Black	Geometric
VS173	0	1	Whiteware	Tea Set	Hand-Painted	Chrome	Floral
VS174	0	1	Whiteware	Tea Set	Hand-Painted	Chrome	Floral
VS175	0	1	Whiteware	Tea Set	Hand-Painted	n/a	
VS176	0	1	Whiteware	Tea Set	Hand-Painted	Chrome	Floral
VS177	0	2	Whiteware	Tea Set	Hand-Painted	Chrome	Floral
VS178	0	1	Whiteware	Tea Set	Hand-Painted	Chrome	Floral
VS179	0	1	Whieldon Wedgewood	Tableware		Barely Pattern	
VS180	0	2	European Porcelain	Tea Set	Transferprinted	Floral	Red
VS181	1	2	European Porcelain	Tea Set	Underglaze	Banded	Blue
VS182	0	1	European Porcelain	Tableware	Relief Molded		
VS183	0	1	European Porcelain	Tableware	Relief Molded		
VS184	0	1	European Porcelain	Ind.	Relief Molded		
VS185	0	1	European Porcelain	Ind.	Overglaze		Green
VS186	0	4	Chinese Porcelain	Tea Set	Overglaze		Red
VS187	0	3	Chinese Porcelain	Tea Set	Overglaze		Red and Black
VS188	0	1	Chinese Porcelain	Tea Set	Overglaze	Floral	Green
VS189	0	1	Chinese Porcelain	Ind.	Overglaze	Floral	Polychrome
VS190	0	1	Chinese Porcelain	Tea Set	Molded		
VS191	0	1	Chinese Porcelain	Tea Set	Underglaze		Blue and Green
VS192	0	1	Chinese Porcelain	Tea Set	Underglaze		Blue
VS193	0	1	Chinese Porcelain	Tea Set	Underglaze		Blue
VS194	0	1	Chinese Porcelain	Tea Set	Underglaze		Blue
VS195	0	1	Chinese Porcelain	Tea Set	Underglaze		Blue
VS196	0	1	Chinese Porcelain	Ind.	Underglaze		Blue
VS197	0	1	Chinese Porcelain	Punch Bowl	Underglaze		Blue

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS198	0	1	Ironstone	Tableware	Transferprinted	Floral	Red
VS199	1	2	Pearlware	Tea Set	Hand-Painted	Floral	Blue
VS200	0	1	Whiteware	Tableware	Transferprinted		Purple
VS201	0	1	Whiteware	Tableware	Transferprinted		Purple
VS202	0	1	Whiteware	Tableware	Transferprinted		Purple
VS203	0	1	Whiteware	Ind.	Transferprinted		Purple
VS204	0	2	Ironstone	Tea Set	Transferprinted		Purple
VS205	0	1	Ironstone	Tea Set	Transferprinted	Vignette	Red
VS206	0	1	Whiteware	Tea Set	Transferprinted		Red
VS207	0	1	Whiteware	Tea Set	Transferprinted		Red
VS208	0	1	Whiteware	Tableware	Transferprinted	Vignette	Red
VS209	0	1	Ironstone	Tea Set	Transferprinted		Green
VS210	0	1	Whiteware	Tableware	Transferprinted		Brown
VS211	0	1	Whiteware	Tableware	Transferprinted		Brown
VS212	0	1	Whiteware	Tableware	Transferprinted		Brown
VS213	0	1	Whiteware	Tableware	Transferprinted		Brown
VS214	0	1	Ironstone	Tea Set	Transferprinted	Vignette	Black
VS215	0	1	Ironstone	Tea Set	Transferprinted	Vignette	Black
VS216	0	1	Whiteware	Tea Set	Transferprinted		Black
VS217	0	1	Ironstone	Ind.	Transferprinted	Vignette	Black
VS218	0	1	Whiteware	Ind.	Transferprinted		Black
VS219	0	1	Whiteware	Tableware	Transferprinted		Black
VS220	0	1	Whiteware	Tableware	Transferprinted	Vignette	Blue
VS221	0	1	Whiteware	Tableware	Transferprinted		Blue
VS222	0	1	Ironstone	Tableware	Transferprinted		Blue
VS223	0	2	Ironstone	Tea Set	Transferprinted		Blue
VS224	0	1	Ironstone	Tableware	Transferprinted		Blue
VS225	0	1	Whiteware	Tableware	Transferprinted	Vignette	Blue
VS226	0	1	Ironstone	Tea Set	Transferprinted	Floral	Blue
VS227	0	1	Whiteware	Tea Set	Transferprinted		Blue
VS228	0	1	Whiteware	Tea Set	Transferprinted		Blue
VS229	0	1	Whiteware	Tea Set	Transferprinted		Blue
VS230	0	1	Whiteware	Tea Set	Transferprinted		Blue
VS231	0	1	Whiteware	Tea Set	Transferprinted		Blue
VS232	0	1	Ironstone	Tea Set	Transferprinted		Blue
VS233	0	1	Ironstone	Tea Set	Transferprinted		Blue
VS234	0	1	Whiteware	Tea Set	Transferprinted		Blue
VS235	0	1	Ironstone	Tea Set	Transferprinted		Blue
VS236	0	1	Whiteware	Tableware	Transferprinted	Vignette	Blue
VS237	0	1	Whiteware	Tableware	Transferprinted		Blue
VS238	0	1	Black Basalt	Tea Set	Molded	Ind.	n/a
VS239	0	2	Ironstone	Ind.	Transferprinted	Vignette	Blue

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS240	0	1	Whiteware	Tableware	Transferprinted		Blue
VS241	0	1	Whiteware	Tableware	Transferprinted	Vignette	Blue
VS242	0	1	Whiteware	Tableware	Transferprinted	Vignette	Blue
VS243	0	1	Whiteware	Tableware	Transferprinted		Blue
VS244	0	1	Ironstone	Ind.	Transferprinted		Blue
VS245	0	1	Ironstone	Tableware	Transferprinted		Blue
VS246	0	2	Whiteware	Tea Set	Transferprinted		Blue
VS247	0	1	Ironstone	Tea Set	Transferprinted		Blue
VS248	0	1	Ironstone	Ind.	Transferprinted		Blue
VS249	0	1	Whiteware	Tableware	Transferprinted		Blue
VS250	0	2	Whiteware	Tea Set	Transferprinted		Blue
VS251	0	1	Whiteware	Tableware	Transferprinted	Floral	Blue
VS252	0	1	Whiteware	Tableware	Transferprinted	Blue Willow	Blue
VS253	0	1	Ironstone	Tableware	Transferprinted		Blue
VS254	0	1	Whiteware	Tableware	Transferprinted		Black
VS255	0	1	Ironstone	Tableware	Transferprinted		Brown
VS256	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS257	0	1	Ironstone	Tableware	Transferprinted	Flow Blue	Blue
VS258	0	1	Ironstone	Tableware	Transferprinted	Flow Blue	Blue
VS259	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS260	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS261	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS262	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS263	0	1	Ironstone	Ind.	Transferprinted	Flow Blue	Blue
VS264	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS265	0	1	Whiteware	Tableware	Transferprinted	Flow Blue	Blue
VS266	0	1	Pearlware	Tableware	Transferprinted	Blue Willow	Blue
VS267	0	1	Pearlware	Tableware	Transferprinted	Blue Willow	Blue
VS268	0	1	Pearlware	Tableware	Transferprinted	Blue Willow	Blue
VS269	0	1	Pearlware	Tea Set	Transferprinted	Blue Willow	Blue
VS270	0	1	Pearlware	Ind.	Transferprinted		Blue
VS271	0	1	Pearlware	Ind.	Transferprinted	Floral	Blue
VS272	0	1	Pearlware	Tableware	Transferprinted		Blue
VS273	0	1	Pearlware	Tableware	Transferprinted		Blue
VS274	0	1	Pearlware	Tableware	Transferprinted		Blue
VS275	0	1	Pearlware	Tableware	Transferprinted		Blue
VS276	0	1	Pearlware	Tableware	Transferprinted		Blue
VS277	0	1	Pearlware	Tea Set	Transferprinted		Blue
VS278	0	1	Pearlware	Tea Set	Transferprinted		Blue
VS279	0	1	Pearlware	Tableware	Transferprinted		Blue
VS280	0	1	Pearlware	Tea Set	Transferprinted	Floral	Blue
VS281	0	1	Pearlware	Tableware	Transferprinted	Floral	Blue

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS282	0	1	Pearlware	Tea Set	Transferprinted		Blue
VS283	0	1	Pearlware	Tableware	Transferprinted		Blue
VS284	0	1	Pearlware	Tableware	Transferprinted		Blue
VS285	0	1	Pearlware	Tableware	Edgeware	Rococo	Green
VS286	0	1	Pearlware	Tableware	Edgeware	Rococo	Green
VS287	0	1	Pearlware	Tableware	Edgeware	Other Edged Motif	Green
VS289	0	1	Pearlware	Tableware	Edgeware	Shell Edged	Green
VS290	0	1	Pearlware	Tableware	Edgeware	Shell Edged	Green
VS291	0	1	Pearlware	Tableware	Edgeware	Shell Edged	Green
VS292	0	1	Pearlware	Tableware	Edgeware	Shell Edged	Green
VS293	0	1	Pearlware	Tableware	Edgeware	Shell Edged	Green
VS294	0	1	Creamware	Tableware		No Molding	n/a
VS295	0	1	Creamware	Tableware	Edge Molded		n/a
VS296	0	1	Creamware	Tableware	Edge Molded		n/a
VS297	0	2	Creamware	Tableware	Edge Molded		n/a
VS298	0	1	Common Creamware	Utilitarian	Edge Molded	Bead	n/a
VS299	0	1	Common Creamware	Utilitarian	Edge Molded	Bead	n/a
VS300	0	1	Whiteware	Tableware	Edge Molded	Shell Edge	Red
VS301	0	1	Pearlware	Tableware	Edge Molded	Shell Edge, Solid Painted Line	Blue
VS302	0	1	Pearlware	Tableware	Edge Molded	Shell Edge, Solid Painted Line	Blue
VS303	0	1	Pearlware	Tableware	Edge Molded	Other Edged Motif	Blue
VS304	0	1	Pearlware	Tableware	Edge Molded	Other Edged Motif	Blue
VS305	0	1	Whiteware	Tableware	Edge Molded	Shell Edged	Blue
VS306	0	1	Whiteware	Tableware	Edge Molded	Shell Edged	Blue
VS307	0	1	Whiteware	Tableware	Edge Molded	Shell Edged	Blue
VS308	0	1	Whiteware	Tableware	Edge Molded	Shell Edged	Blue
VS309	0	1	Whiteware	Tableware	Edge Molded	Shell Edged	Blue
VS310	0	1	Whiteware	Tableware	Edge Molded	Shell Edged	Blue
VS311	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS312	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS313	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS314	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS315	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS316	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS317	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS318	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS319	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS320	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS321	0	1	Pearlware	Tableware	Edge Molded	Rococo	Blue

Vessel Set	QSB	MHG	Ware	Vessel Type	Category	Motif	Color
VS322	0	2	Pearlware	Tableware	Edge Molded	Rococo	Blue
VS323	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS324	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS325	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS326	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS327	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS328	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS329	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS330	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS331	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS332	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS333	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS334	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS335	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue
VS336	0	1	Whiteware	Tableware	Sponge		Black / Red / Green
VS337	0	1	Whiteware	Tableware	Sponge		Brown / Black
VS338	0	1	Whiteware	Tableware	Sponge		Red
VS339	0	1	Whiteware	Tableware	Sponge		Green
VS340	0	1	Whiteware	Tableware	Sponge		Blue
VS341	0	1	Whiteware	Tableware	Sponge		Blue
VS342	0	1	Whiteware	Tableware	Sponge		Blue
VS343	0	1	Whiteware	Tableware	Sponge		Blue / Yellow
VS344	0	1	Whiteware	Tableware	Sponge		Blue / Red
VS345	0	2	Whiteware	Tableware	Sponge		Red / Green
VS346	0	1	Whiteware	Tableware	Sponge		Blue / Red
VS347	0	1	Ironstone	Tea Set	Hand-Painted		Green
VS348	0	1	Creamware	Tableware	Common Creamware, Edge Molded		
VS349	0	1	Creamware	Tableware	Common Creamware, Edge Molded		
VS350	0	1	Creamware	Tableware	Common Creamware, Edge Molded		
VS351	0	1	Creamware	Tableware	Common Creamware, Edge Molded		
VS352	0	1	Creamware	Tableware	Common Creamware, Edge Molded		
VS353	0	1	Pearlware	Tableware	Edge Molded	Shell Edged	Blue

Table 5: NAA Concentration Data, Part 1 (As-Sb)

Concentrations for the first 17 of the 33 elements measured by NAA. All reported values are in parts per million (PPM). In the Site column, QSB is Quarter Site B, JPP is the John Pitman Pottery, APP is the Andrew Pitman Pottery, ABP is the Andrew Pitman Pottery, SSP is the Strasburg Steam Pottery, and PLP is the Peter Lauck Pottery.

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU001	QSB	Group 4	9.374	49.10	0.5523	42.82	8.194	4.151	3.968	97.10	8.327	79.39	7.036	1.511	30516.0	8.179	79.55	79.95	1.359
SYU002	QSB	Group 2	6.734	46.99	0.6065	0.0000	0.0000	4.174	4.534	98.86	8.086	79.07	6.428	1.509	31102.0	10.46	40.08	116.07	1.116
SYU003	QSB	Group 1	8.895	49.24	0.4743	37.73	7.412	5.325	3.416	101.7	17.08	95.32	7.655	1.428	35990.0	6.997	0.00	104.48	0.9993
SYU004	QSB	Outlier	0.5110	48.26	0.5995	37.98	0.0000	4.040	4.372	102.4	8.862	84.85	8.005	1.670	18916.0	8.580	0.00	142.63	1.057
SYU005	QSB	Group 3	0.0000	47.45	0.5507	49.84	9.004	6.257	4.078	101.1	10.29	72.05	6.345	1.769	25818.0	8.191	0.00	103.84	0.6408
SYU006	QSB	Group 4	8.377	47.91	0.5426	41.67	0.0000	3.753	3.988	100.3	8.272	79.89	6.601	1.606	31958.0	9.242	69.81	85.19	0.9986
SYU007	QSB	Group 1	13.91	43.32	0.5431	38.03	0.0000	3.991	3.691	91.94	9.984	72.65	6.552	1.445	31995.0	8.930	0.00	118.86	0.9052
SYU008	QSB	Group 5	2.237	45.69	0.5485	0.0000	0.0000	4.815	4.106	93.68	8.178	72.12	6.333	1.454	18027.0	9.950	25.83	105.45	0.8230
SYU009	QSB	Group 4	2.643	46.98	0.5991	37.22	8.095	5.486	4.265	93.68	12.51	74.84	6.774	1.559	39803.0	8.790	0.00	121.95	0.8417
SYU010	QSB	Group 4	4.925	46.67	0.5729	0.00	8.149	6.681	3.790	94.25	11.94	74.47	6.851	1.612	38119.0	8.434	0.00	123.56	0.6274
SYU011	QSB	Group 5	1.238	45.97	0.5470	41.28	0.0000	5.126	3.908	95.52	6.094	72.11	6.207	1.406	13867.0	9.638	0.00	89.36	0.6986
SYU012	QSB	Group 5	2.135	45.50	0.5461	42.25	0.0000	4.228	3.917	93.87	5.989	70.96	6.017	1.422	13565.0	9.719	0.00	90.37	0.8912
SYU013	QSB	Group 4	6.205	42.07	0.5409	0.0000	0.0000	3.729	3.796	88.14	8.326	74.30	6.666	1.357	30603.0	9.773	0.00	96.80	0.9959
SYU014	QSB	Group 1	11.97	43.47	0.4458	33.90	6.061	4.415	2.794	87.75	9.117	95.63	8.259	1.138	48251.0	7.206	0.00	157.37	0.9443
SYU015	QSB	Group 1	12.06	41.39	0.4354	0.0000	0.0000	3.975	3.120	81.35	10.76	100.1	8.147	1.017	46341.0	7.179	38.90	147.12	0.9139
SYU016	QSB	Group 1	12.96	43.99	0.5475	38.86	0.0000	4.653	3.452	100.9	10.79	82.98	6.435	1.416	42050.0	8.183	0.00	128.56	1.125
SYU017	QSB	Outlier	4.994	51.00	0.6140	44.36	9.774	2.917	4.489	109.6	54.72	86.39	6.202	1.960	15507.0	9.942	80.58	135.03	0.5998
SYU018	JPP	Group 1	11.69	40.80	0.4437	31.68	6.322	4.185	3.070	79.38	10.39	94.23	8.426	1.122	57029.0	6.717	20.56	152.02	0.8513
SYU019	JPP	Group 3	1.846	46.33	0.4872	36.33	6.348	4.181	3.285	92.81	7.335	69.44	6.430	1.120	32511.0	8.898	28.60	113.16	0.6939
SYU020	JPP	Outlier	2.191	43.38	0.4690	34.50	6.389	4.307	3.075	86.91	14.91	86.14	7.516	1.171	52983.0	7.481	0.00	145.46	0.9495
SYU021	JPP	Group 3	1.734	44.36	0.4853	34.97	6.427	4.200	3.150	90.23	9.198	75.94	6.317	1.156	44341.0	8.464	11.70	127.17	0.8862
SYU022	JPP	Outlier	0.8100	45.45	0.4836	36.10	7.230	4.426	3.126	92.79	13.63	87.29	8.625	1.342	50303.0	7.203	0.00	147.52	0.8704
SYU023	JPP	Group 1	10.18	44.87	0.4773	35.90	7.076	4.495	2.967	89.49	13.19	87.06	8.181	1.277	49941.0	6.787	37.77	138.87	0.7618
SYU024	JPP	Group 1	8.857	45.31	0.4814	36.47	6.963	4.352	3.058	91.10	12.78	82.83	7.536	1.261	47018.0	7.675	25.96	133.53	0.9133
SYU025	JPP	Outlier	10.42	47.55	0.4914	38.81	6.612	4.060	3.134	94.93	10.29	79.40	7.358	1.195	42084.0	7.819	0.00	135.59	0.8443
SYU026	JPP	Outlier	1.797	45.90	0.4952	38.61	7.247	3.967	3.293	125.9	47.60	78.80	6.923	1.356	43933.0	8.266	29.17	126.11	2.060
SYU027	JPP	Group 1	14.43	45.21	0.4602	35.03	6.462	4.432	3.009	90.19	13.81	85.19	7.946	1.202	50021.0	7.410	0.00	142.81	0.0000
SYU028	JPP	Group 1	12.51	45.37	0.4996	37.48	6.941	4.558	3.369	92.24	12.74	79.39	6.879	1.273	45130.0	7.846	17.53	124.51	0.8596
SYU029	JPP	Group 2	6.549	43.44	0.4676	34.88	6.537	4.507	3.131	86.02	10.65	83.20	7.524	1.174	45094.0	7.548	23.18	137.54	0.7041

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU030	JPP	Group 2	8.863	43.38	0.4566	37.39	6.611	4.606	3.107	87.85	12.43	81.38	7.566	1.184	45014.0	7.437	16.93	133.22	0.7483
SYU031	JPP	Group 1	11.50	41.38	0.4451	31.90	6.385	4.893	2.687	82.54	7.979	91.09	7.957	1.117	45639.0	5.880	22.01	149.61	0.9214
SYU032	JPP	Group 2	12.06	44.93	0.4230	36.05	6.202	4.343	2.728	86.06	7.193	87.61	9.368	1.061	44355.0	5.974	18.34	154.62	0.7221
SYU033	JPP	Group 1	11.88	46.06	0.4697	38.72	6.688	5.648	2.864	88.92	8.193	90.79	9.111	1.134	42360.0	5.992	18.46	155.47	0.9366
SYU034	JPP	Group 1	13.73	45.02	0.4757	36.04	6.573	4.478	3.117	90.10	16.41	83.46	7.945	1.203	49285.0	7.451	0.00	143.15	0.7879
SYU035	JPP	Group 2	7.431	44.50	0.4747	35.16	6.192	4.740	3.133	89.61	8.739	76.76	6.440	1.134	42743.0	8.664	25.10	128.20	0.8270
SYU036	JPP	Group 1	11.01	43.71	0.4371	37.20	6.652	4.626	2.864	85.05	12.92	94.52	11.81	1.237	49459.0	6.129	33.21	158.03	0.7328
SYU037	JPP	Outlier	8.258	47.11	0.5105	41.02	8.668	4.668	3.429	98.22	13.31	86.19	8.668	1.634	34688.0	6.773	34.15	135.60	0.7534
SYU038	QSB	Group 3	3.410	47.82	0.5296	45.09	9.035	4.798	3.451	99.51	8.921	77.18	6.910	1.642	28282.0	7.617	23.95	103.33	0.5824
SYU039	QSB	Group 3	1.249	41.60	0.5287	32.35	6.535	5.309	3.215	83.50	8.268	68.77	5.010	1.165	19522.0	10.17	23.91	73.67	0.6638
SYU040	QSB	Group 3	2.334	48.52	0.5566	42.72	8.346	4.728	3.611	98.66	13.98	121.5	14.07	1.569	18812.0	7.747	60.37	118.70	1.137
SYU041	QSB	Outlier	8.644	41.51	0.5089	30.85	5.430	4.010	3.464	79.92	10.38	111.2	16.45	1.010	15900.0	7.634	30.50	135.72	0.7317
SYU042	QSB	Outlier	0.4324	48.02	0.5131	38.01	7.159	4.987	3.382	94.41	7.038	79.98	5.880	1.371	11714.0	11.02	0.00	92.67	0.7772
SYU043	QSB	Group 3	3.067	43.70	0.5158	36.99	6.633	3.775	3.330	88.79	8.124	113.0	13.36	1.259	16461.0	7.841	0.00	132.97	1.056
SYU044	QSB	Group 3	2.235	43.03	0.5107	34.02	6.522	3.628	3.505	85.42	8.017	110.1	13.20	1.267	15829.0	7.991	35.02	131.51	0.9709
SYU045	QSB	Group 4	4.707	49.92	0.5204	43.16	8.452	4.673	3.437	99.54	9.201	80.01	6.933	1.609	25817.0	8.256	33.63	79.07	0.7933
SYU046	QSB	Group 3	0.0000	48.52	0.5860	44.55	9.441	5.289	3.703	99.78	10.36	70.06	6.198	1.714	25457.0	8.183	23.46	98.00	0.6242
SYU047	QSB	Group 3	3.610	42.50	0.4787	36.44	6.625	5.575	3.016	86.19	9.656	70.25	5.449	1.170	22962.0	8.965	25.66	84.44	0.6802
SYU048	QSB	Group 5	1.116	48.63	0.5477	37.24	8.094	4.769	3.591	96.74	9.642	74.99	6.704	1.544	16419.0	9.640	22.55	115.37	0.7093
SYU049	QSB	Group 3	2.254	48.33	0.5375	42.42	9.772	5.892	3.607	99.60	12.13	76.78	6.621	1.830	35011.0	7.754	30.73	111.31	0.6701
SYU050	QSB	Group 2	5.563	42.73	0.5419	36.58	7.184	3.706	3.519	86.45	7.865	69.52	5.333	1.361	24721.0	10.76	12.14	75.71	1.846
SYU051	QSB	Group 4	5.907	42.17	0.5337	37.29	7.943	3.888	3.520	91.10	9.391	76.20	5.747	1.549	27959.0	8.748	34.41	89.54	0.8774
SYU052	QSB	Group 1	8.933	42.67	0.5354	40.33	7.530	4.088	3.623	86.07	8.180	76.44	5.684	1.377	42145.0	9.501	0.00	103.87	0.9318
SYU053	QSB	Group 1	13.32	43.19	0.4368	33.69	5.755	4.214	2.785	82.89	7.067	81.94	6.781	1.002	42868.0	7.143	17.29	124.28	0.7405
SYU054	QSB	Group 1	12.47	43.09	0.4329	32.85	5.897	4.130	2.781	83.55	6.880	78.31	6.378	1.013	42942.0	7.368	25.43	121.17	0.8979
SYU055	QSB	Group 1	12.42	44.36	0.4646	35.80	6.033	4.365	3.094	85.77	7.396	86.32	6.769	1.075	46537.0	7.667	27.65	122.50	0.8618
SYU056	QSB	Group 1	10.70	49.96	0.5250	41.49	7.582	4.777	3.460	100.0	14.61	88.85	6.285	1.401	42030.0	8.334	26.39	103.62	0.8934
SYU057	QSB	Group 1	12.01	43.93	0.4413	33.87	5.811	4.436	3.054	87.44	8.341	92.84	7.384	1.062	49622.0	7.683	0.00	132.37	0.8133
SYU058	QSB	Group 1	15.30	44.21	0.5427	41.10	7.672	4.463	3.662	90.92	8.718	81.54	7.459	1.393	45905.0	9.211	34.96	118.77	0.9058
SYU059	QSB	Group 4	8.760	50.58	0.5662	45.08	9.408	3.259	3.918	103.9	12.20	80.22	7.204	1.849	29838.0	9.073	45.73	119.56	1.108

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU060	QSB	Group 5	3.527	43.97	0.5191	38.53	7.197	4.394	3.468	88.31	5.022	67.24	5.386	1.327	11668.0	10.21	26.94	75.17	0.7859
SYU061	QSB	Outlier	9.766	48.46	0.5788	41.69	7.994	4.648	3.987	96.48	10.07	86.24	7.825	1.466	39345.0	9.095	0.00	127.61	1.125
SYU062	QSB	Group 3	3.969	43.59	0.5570	38.47	7.626	4.222	3.575	88.98	4.994	66.27	5.965	1.459	20285.0	10.70	0.00	83.04	0.8694
SYU063	QSB	Group 1	12.69	46.83	0.4531	38.22	5.842	4.487	2.856	90.31	10.39	95.00	7.224	0.9687	44276.0	7.447	0.00	141.58	0.8423
SYU064	QSB	Group 1	13.84	45.43	0.4660	39.73	6.865	4.829	3.102	90.18	9.162	92.18	7.990	1.263	44297.0	7.160	13.46	150.38	1.200
SYU065	QSB	Group 1	10.59	44.66	0.4719	38.02	6.603	4.460	3.178	87.43	8.141	88.24	7.226	1.192	40050.0	7.864	0.00	124.66	0.8763
SYU066	QSB	Group 2	10.22	41.98	0.4421	33.96	5.384	4.389	2.905	82.32	6.341	78.69	6.319	0.9249	29517.0	8.474	26.90	124.14	0.7602
SYU067	QSB	Group 1	13.55	41.76	0.4000	31.46	5.875	4.612	3.130	83.03	8.777	104.4	8.071	1.093	51735.0	6.480	0.00	154.12	1.297
SYU068	QSB	Group 6	19.41	74.13	0.8930	74.89	16.52	4.224	6.361	135.7	16.33	121.3	5.944	3.330	64686.0	6.401	78.13	130.27	0.7883
SYU069	QSB	Group 1	12.52	44.18	0.4253	34.40	6.393	4.452	3.089	88.75	7.387	81.36	6.100	1.182	48829.0	8.118	0.00	123.59	0.8259
SYU070	QSB	Outlier	3.978	57.77	0.7855	51.30	11.30	4.389	5.312	121.4	10.94	81.77	4.374	2.251	34247.0	17.78	45.57	113.85	0.5704
SYU071	QSB	Group 1	13.10	42.83	0.4078	32.29	5.951	4.059	3.252	88.19	9.287	93.11	6.914	1.059	44824.0	7.826	0.00	137.61	0.9353
SYU072	QSB	Group 4	4.549	52.61	0.6486	46.23	8.985	4.677	4.809	110.8	8.464	106.7	6.509	1.755	33901.0	9.610	0.00	105.66	0.7141
SYU073	QSB	Group 1	12.19	41.40	0.4099	31.27	5.562	4.433	2.993	84.71	7.898	87.42	6.561	1.030	45774.0	8.118	0.00	132.60	0.9418
SYU074	QSB	Group 1	12.49	42.75	0.4434	35.93	6.657	4.516	3.029	82.10	9.257	94.23	7.610	1.214	44925.0	7.666	0.00	141.49	0.7546
SYU075	QSB	Group 1	13.15	44.63	0.4183	36.62	6.706	4.528	2.917	96.76	15.32	104.3	12.56	1.370	53322.0	6.901	0.00	171.36	0.8892
SYU076	QSB	Outlier	11.28	44.55	0.5938	37.81	8.266	4.398	3.905	95.78	6.942	82.56	6.811	1.608	37582.0	9.487	0.00	90.88	1.068
SYU077	QSB	Group 4	6.762	46.41	0.5177	37.37	8.071	3.993	4.019	101.3	8.951	82.01	6.536	1.631	28317.0	9.651	36.97	88.90	0.9982
SYU078	QSB	Group 1	9.575	43.74	0.4043	35.90	6.610	5.349	2.993	86.74	8.991	97.54	8.275	1.206	45952.0	7.327	0.00	143.69	1.789
SYU079	QSB	Group 1	9.991	42.67	0.5233	37.70	7.636	3.507	3.724	91.41	8.440	80.99	5.769	1.489	38557.0	9.536	0.00	105.91	0.9514
SYU080	QSB	Group 3	0.0000	47.41	0.6083	37.96	7.938	4.046	4.107	99.03	9.229	79.91	7.497	1.565	18854.0	10.07	43.46	129.20	0.9488
SYU081	QSB	Group 1	9.717	49.22	0.4592	40.68	7.639	4.734	3.266	101.6	16.81	95.88	7.222	1.498	36052.0	6.997	0.00	93.21	1.103
SYU082	QSB	Group 1	13.67	41.46	0.4090	34.38	6.026	4.500	2.979	83.70	9.304	99.73	7.819	1.124	52115.0	6.986	0.00	147.91	0.8557
SYU083	QSB	Group 5	1.300	44.19	0.4643	35.96	7.222	4.271	3.341	90.88	8.319	75.82	6.778	1.430	17645.0	9.577	53.08	95.72	0.8397
SYU084	QSB	Group 3	0.0000	46.56	0.4951	36.11	7.123	4.554	3.461	96.95	7.573	81.86	5.885	1.403	14057.0	11.60	0.00	94.00	0.8487
SYU085	QSB	Outlier	5.166	11.95	0.3217	12.80	3.535	1.124	2.163	24.74	21.44	40.17	1.642	1.004	51599.0	3.116	44.80	29.03	0.8576
SYU086	QSB	Group 2	7.093	41.22	0.4804	33.33	6.662	4.097	3.623	86.78	9.002	76.75	6.723	1.265	38620.0	10.27	0.00	97.21	1.082
SYU087	QSB	Group 4	5.720	41.91	0.5595	40.10	8.149	4.247	3.836	92.37	11.28	78.91	8.045	1.675	36352.0	10.22	0.00	133.87	0.8837
SYU088	QSB	Group 1	10.91	45.10	0.5191	36.10	6.674	4.394	3.303	94.26	10.25	88.45	6.148	1.233	43554.0	7.659	26.29	124.71	0.8003
SYU089	QSB	Group 1	9.968	42.53	0.5171	36.74	7.443	4.163	3.576	91.22	9.868	76.01	6.620	1.449	40935.0	9.790	47.34	105.54	0.9821

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU090	QSB	Group 4	8.911	37.75	0.5143	31.17	7.085	3.777	3.531	84.83	12.28	71.32	6.649	1.432	36142.0	10.22	32.04	118.64	1.073
SYU091	QSB	Group 1	14.60	41.29	0.4117	33.79	5.954	4.278	2.760	84.80	11.06	97.47	7.254	1.067	49889.0	7.399	0.00	136.47	0.9464
SYU092	QSB	Group 4	9.711	43.20	0.5159	37.78	7.619	4.191	3.871	90.94	9.373	74.99	6.647	1.461	40616.0	9.825	36.20	106.24	1.084
SYU093	QSB	Group 1	11.12	44.90	0.4099	34.04	5.807	4.144	2.864	91.92	9.619	86.22	6.985	1.029	39866.0	8.085	23.72	127.30	0.9025
SYU094	QSB	Outlier	8.350	47.28	0.4553	37.83	7.002	4.368	3.143	97.46	12.74	93.97	7.141	1.318	28143.0	7.727	57.29	98.32	0.9715
SYU095	QSB	Group 1	12.06	42.37	0.4543	37.05	6.883	4.698	3.251	84.28	10.65	91.35	8.167	1.294	50615.0	7.657	48.15	147.93	0.7091
SYU096	QSB	Group 4	6.026	47.01	0.5385	40.08	8.275	4.424	3.960	109.6	8.504	81.51	6.788	1.640	28066.0	9.222	0.00	95.41	0.9301
SYU097	QSB	Group 3	3.403	42.84	0.5834	37.00	8.153	4.342	4.217	95.33	6.769	75.53	6.378	1.598	27932.0	11.28	0.00	84.07	0.9225
SYU098	QSB	Group 1	13.39	44.83	0.4252	37.54	6.846	5.049	2.756	92.68	14.94	99.57	12.40	1.313	51861.0	6.598	0.00	166.02	0.8032
SYU099	QSB	Group 1	10.13	41.07	0.4833	35.54	6.474	4.594	3.549	88.26	9.258	83.30	6.288	1.261	40711.0	9.847	0.00	118.29	0.8549
SYU100	QSB	Group 3	1.993	48.31	0.5031	42.85	9.140	5.164	3.929	103.8	9.201	79.53	7.082	1.781	29611.0	7.944	0.00	107.19	0.6010
SYU101	QSB	Group 3	1.796	49.82	0.6027	43.34	8.882	3.735	4.456	103.6	9.114	87.12	7.802	1.742	19301.0	8.956	39.54	145.16	0.9033
SYU102	QSB	Outlier	6.904	44.95	0.5465	37.85	7.072	4.095	3.828	94.42	13.54	109.0	11.16	1.493	23504.0	8.403	0.00	131.96	0.8158
SYU103	QSB	Group 5	0.8090	43.49	0.4686	34.35	7.160	4.098	3.528	89.85	8.682	76.54	7.142	1.423	18209.0	8.755	0.00	103.30	0.7875
SYU104	QSB	Group 3	2.520	47.84	0.5830	39.54	8.337	4.435	4.071	101.3	9.312	86.09	7.787	1.625	20105.0	8.988	18.09	139.40	1.148
SYU105	QSB	Group 3	0.0000	59.08	0.6994	52.22	10.52	3.035	5.041	123.2	10.68	127.8	9.044	2.047	10869.0	8.373	0.00	116.46	0.6873
SYU106	QSB	Group 1	12.28	48.51	0.5944	40.32	8.873	5.655	3.557	97.64	11.25	86.01	6.139	1.730	40077.0	7.439	0.00	118.53	0.8026
SYU107	QSB	Group 1	12.02	43.02	0.4326	33.31	6.113	4.879	3.276	86.49	9.674	86.93	6.969	1.109	41757.0	7.663	26.67	133.66	0.8725
SYU108	QSB	Group 1	11.66	42.56	0.4448	36.72	6.960	4.990	3.533	86.27	11.43	85.80	6.593	1.336	43991.0	8.004	0.00	125.81	0.9053
SYU109	QSB	Group 1	13.96	48.43	0.5086	40.28	7.718	4.236	3.290	95.48	12.16	95.77	7.886	1.428	55078.0	6.767	0.00	147.98	0.8791
SYU110	QSB	Group 1	11.81	42.77	0.4034	33.86	5.828	4.167	3.206	86.87	7.314	83.71	6.619	1.042	44024.0	8.019	0.00	125.90	0.9852
SYU111	QSB	Group 1	11.96	46.44	0.4877	40.85	8.291	4.938	3.486	125.7	22.44	87.48	6.608	1.641	40902.0	7.471	37.45	128.98	0.9589
SYU112	QSB	Group 1	11.44	45.88	0.5625	42.30	8.136	5.816	3.576	94.88	14.77	86.92	6.656	1.592	39972.0	7.808	66.19	128.87	1.078
SYU113	QSB	Group 1	15.48	40.80	0.4304	35.71	5.869	3.689	2.927	80.29	8.135	85.98	7.026	1.114	52247.0	6.824	0.00	129.68	0.9791
SYU114	QSB	Group 1	13.70	49.80	0.4740	41.57	7.508	5.409	3.431	102.7	14.70	90.43	7.141	1.415	53686.0	7.881	46.48	112.91	1.010
SYU115	QSB	Group 2	5.844	41.44	0.5322	34.85	6.731	3.917	3.606	84.69	6.867	61.27	4.891	1.307	22690.0	12.48	0.00	68.94	0.9715
SYU116	QSB	Group 1	10.09	44.12	0.4665	38.55	7.460	5.358	3.462	91.77	8.828	88.22	6.929	1.417	41762.0	7.860	41.82	134.54	0.9310
SYU117	QSB	Group 3	0.0000	43.67	0.6036	39.46	8.249	3.928	3.959	94.03	5.441	76.28	6.663	1.583	30684.0	10.22	18.94	99.17	0.9659
SYU118	QSB	Group 1	11.52	43.02	0.4615	36.05	6.756	4.617	3.265	88.73	9.673	80.81	6.531	1.297	39983.0	9.620	39.97	118.58	0.7500
SYU119	QSB	Group 2	4.115	42.18	0.4245	33.27	5.767	4.300	2.821	81.13	6.371	77.50	5.761	1.015	32775.0	7.707	47.69	110.46	0.8729

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU120	QSB	Group 1	10.65	47.31	0.5097	39.85	8.556	4.904	3.152	93.12	12.15	81.45	6.254	1.628	42086.0	7.150	0.00	123.15	0.7812
SYU121	APP	Group 1	11.98	42.52	0.4254	33.55	5.999	4.250	3.204	86.69	9.308	83.28	6.697	1.105	44346.0	7.401	48.85	127.82	1.330
SYU122	APP	Group 1	12.68	45.82	0.4590	39.17	7.766	4.508	3.310	90.28	11.44	88.86	7.490	1.455	46550.0	7.365	57.68	133.40	1.067
SYU123	APP	Group 1	12.74	43.80	0.4207	32.56	6.540	4.439	2.744	88.07	11.20	87.43	9.266	1.219	47311.0	7.122	42.47	140.92	1.005
SYU124	APP	Group 1	12.87	34.95	0.3941	28.45	4.739	4.665	2.586	67.87	8.682	103.6	8.905	0.8259	45324.0	6.953	0.00	142.13	1.024
SYU125	APP	Outlier	12.24	40.09	0.3686	32.63	5.489	4.634	2.545	81.42	9.287	103.3	9.061	0.9761	45704.0	6.411	0.00	156.69	1.238
SYU126	APP	Group 1	11.03	44.20	0.4563	36.87	6.526	4.417	3.227	88.97	8.185	80.37	6.846	1.232	42474.0	7.901	40.36	121.48	1.077
SYU127	APP	Group 1	12.54	44.31	0.4805	37.72	7.588	3.981	2.987	89.03	11.20	87.08	7.381	1.415	47350.0	7.101	0.00	130.50	1.156
SYU128	APP	Group 1	15.03	40.89	0.4517	30.07	5.670	3.922	2.941	81.59	9.142	84.06	6.750	1.027	39516.0	7.216	41.56	125.79	1.538
SYU129	APP	Group 1	11.60	43.71	0.4765	34.57	6.823	4.604	3.133	87.62	9.557	82.43	7.347	1.244	43477.0	7.188	0.00	124.19	0.9294
SYU130	APP	Group 1	9.874	43.78	0.3808	33.23	5.630	4.703	2.689	86.04	7.612	94.86	9.845	1.006	41824.0	6.424	50.12	155.72	1.364
SYU131	ABP	Group 1	12.71	41.20	0.3836	31.26	5.474	5.548	2.529	79.05	8.529	95.70	9.376	0.9750	45642.0	5.909	25.34	160.87	0.8411
SYU132	APP	Group 1	9.098	38.02	0.3888	28.36	5.043	3.933	2.662	76.29	9.540	84.66	7.267	0.9393	40492.0	7.284	38.21	127.65	0.9713
SYU133	APP	Group 3	1.436	42.47	0.4802	34.14	6.439	3.845	2.809	86.15	8.383	77.77	6.804	1.207	41410.0	7.707	0.00	119.85	5.676
SYU134	APP	Group 1	11.35	37.47	0.3897	28.59	4.737	4.234	2.496	73.16	8.327	85.35	6.725	0.8408	48724.0	7.256	0.00	135.51	0.9662
SYU135	APP	Group 2	6.538	38.16	0.4066	29.44	5.380	4.500	2.809	75.11	8.744	78.82	6.414	0.9790	37935.0	8.481	0.00	119.35	0.7874
SYU136	APP	Group 1	12.02	42.12	0.4017	30.35	5.820	3.824	2.825	86.43	8.483	88.02	7.590	1.051	41459.0	7.696	0.00	140.96	0.9076
SYU137	ABP	Group 1	7.690	38.49	0.4580	33.52	6.816	4.225	3.288	80.85	10.39	70.59	5.454	1.354	35255.0	8.048	0.00	106.39	0.7611
SYU138	ABP	Group 1	0.0000	59.94	0.5017	52.43	9.636	3.568	3.841	112.2	14.33	80.29	7.717	1.789	45951.0	5.534	56.96	132.28	0.5951
SYU139	ABP	Outlier	5.719	64.97	0.5039	56.06	10.40	3.557	3.862	125.1	15.19	83.55	7.513	1.926	45806.0	5.257	71.65	132.87	0.7333
SYU140	ABP	Group 1	6.988	40.96	0.3647	29.93	5.332	3.687	2.337	93.44	11.21	89.43	7.113	1.013	39220.0	5.519	25.49	132.35	0.6386
SYU141	ABP	Outlier	2.338	36.42	0.3891	29.69	5.016	3.610	2.618	72.08	7.116	83.60	6.866	0.9571	34648.0	7.266	19.66	126.19	0.8496
SYU142	ABP	Group 2	0.0000	37.80	0.4062	28.82	5.403	3.785	2.720	75.07	6.881	81.74	7.069	0.9955	34984.0	8.119	23.32	125.99	0.9925
SYU143	ABP	Group 2	5.521	35.56	0.3814	29.29	5.019	3.861	2.759	70.84	8.744	70.29	6.136	0.9036	39618.0	8.862	0.00	105.06	0.6533
SYU144	ABP	Group 2	3.384	36.61	0.3935	26.35	4.721	3.320	2.386	73.72	11.62	73.57	7.277	0.8645	43386.0	6.187	26.50	120.91	0.5869
SYU145	ABP	Outlier	6.433	71.29	0.5108	62.94	11.17	3.517	3.944	173.3	24.27	84.76	7.799	2.139	47569.0	5.238	42.86	140.09	0.7596
SYU146	ABP	Group 2	2.200	42.11	0.3820	33.38	5.680	3.658	2.697	81.14	10.55	80.75	8.831	1.080	43969.0	6.055	50.32	141.22	0.7738
SYU147	ABP	Group 2	0.0000	38.72	0.3605	31.77	6.409	3.232	2.441	68.61	7.185	67.74	6.075	1.302	27774.0	7.254	31.78	98.68	0.5815
SYU148	ABP	Group 3	2.297	37.56	0.3932	30.90	5.505	4.424	2.924	74.40	7.706	77.72	7.033	1.059	40388.0	7.758	0.00	122.33	0.7480
SYU149	SSP	Group 1	13.24	39.39	0.3872	29.47	5.645	4.216	2.785	78.48	12.28	82.63	7.283	1.079	47163.0	6.824	0.00	117.34	0.8081

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU150	SSP	Group 5	1.152	45.10	0.5251	40.62	8.363	4.406	3.725	92.12	12.37	80.32	7.997	1.545	32251.0	8.896	24.55	106.69	0.9713
SYU151	SSP	Group 4	4.319	44.45	0.4941	39.10	8.282	3.898	3.447	91.19	13.41	79.43	7.978	1.570	32653.0	8.806	41.43	109.00	0.7078
SYU152	SSP	Group 4	0.0000	44.03	0.5152	36.75	7.716	3.478	3.688	90.07	10.13	70.02	6.722	1.432	20638.0	10.13	35.81	88.98	0.6860
SYU153	SSP	Group 4	3.206	45.35	0.4969	39.50	8.414	3.929	3.563	93.50	12.32	80.25	7.734	1.583	30501.0	8.798	32.93	101.53	0.8611
SYU154	SSP	Group 5	0.6591	45.13	0.5371	37.60	7.660	4.319	3.844	89.71	10.34	73.70	6.747	1.456	22005.0	9.048	31.17	98.74	1.272
SYU155	SSP	Group 4	5.856	44.61	0.5265	38.47	8.071	4.293	3.566	91.29	13.61	77.63	7.380	1.503	28207.0	9.275	26.68	105.29	0.8517
SYU156	SSP	Group 4	2.647	45.46	0.5183	39.01	7.953	4.025	3.775	91.43	9.284	72.90	6.772	1.498	24939.0	9.648	43.21	87.61	1.128
SYU157	SSP	Group 4	0.0000	44.74	0.5170	39.08	7.974	4.124	3.594	90.96	10.55	75.01	6.927	1.512	24757.0	9.260	31.65	90.41	0.8037
SYU158	SSP	Group 4	3.426	43.97	0.5250	38.17	7.696	4.144	3.702	88.06	10.82	76.01	7.291	1.412	26094.0	9.172	30.02	104.23	0.9567
SYU159	SSP	Group 4	7.357	45.07	0.5054	41.34	8.388	4.424	3.750	91.87	12.78	78.89	7.981	1.598	32355.0	8.609	19.35	103.47	0.6636
SYU160	SSP	Outlier	0.9355	43.42	0.5350	36.40	7.585	4.278	3.783	87.69	8.562	67.99	6.369	1.422	19694.0	10.42	33.13	89.49	0.7743
SYU161	SSP	Group 4	3.627	44.16	0.5228	36.72	7.581	4.329	3.477	87.26	11.06	76.79	7.063	1.377	24920.0	9.624	0.00	96.05	1.033
SYU162	SSP	Outlier	26.17	47.94	0.4320	37.74	6.552	4.374	3.045	92.83	6.946	70.33	6.458	1.078	33197.0	8.480	0.00	90.34	0.7927
SYU163	SSP	Outlier	7.338	45.52	0.5433	41.84	8.287	3.627	3.764	92.07	10.25	77.58	7.171	1.548	29085.0	9.149	33.73	104.71	0.8154
SYU164	SSP	Group 4	6.194	46.23	0.5521	40.48	8.369	3.579	3.748	93.18	10.30	77.95	7.790	1.547	30136.0	8.924	29.46	107.54	0.8510
SYU165	SSP	Group 4	6.431	45.91	0.5068	40.64	7.812	3.618	3.509	92.45	8.658	73.04	7.089	1.442	26118.0	9.185	25.51	102.22	0.8672
SYU166	SSP	Group 4	7.477	48.31	0.4337	39.95	7.196	4.443	3.160	96.07	9.296	71.34	6.610	1.239	36731.0	8.279	22.09	89.93	0.6130
SYU167	SSP	Outlier	10.83	47.92	0.4720	36.53	6.787	5.720	3.462	97.24	21.09	76.32	7.189	1.224	36708.0	7.298	19.57	77.58	0.6713
SYU168	SSP	Group 4	3.087	42.97	0.5108	37.55	7.455	3.467	3.439	84.41	8.293	67.75	6.212	1.380	23312.0	9.780	35.07	91.98	1.193
SYU169	SSP	Group 1	13.66	47.03	0.4201	38.58	6.365	4.911	2.915	90.17	7.930	74.45	6.796	1.024	38085.0	8.219	0.00	88.56	0.8269
SYU170	PLP	Group 6	19.43	54.88	0.5736	48.29	10.36	5.022	4.147	114.8	22.65	92.98	8.367	2.040	49469.0	6.869	22.14	159.21	0.9567
SYU171	PLP	Group 1	8.118	37.07	0.4225	28.98	5.942	3.959	2.815	77.15	7.498	78.04	6.134	1.072	26959.0	7.934	0.00	96.02	0.8546
SYU172	PLP	Outlier	11.47	56.74	0.6369	48.24	11.37	4.893	4.196	115.7	26.23	87.51	7.202	2.259	42475.0	7.370	49.84	134.01	0.6914
SYU173	PLP	Group 1	12.83	45.43	0.4554	35.61	6.471	4.948	3.094	93.28	10.52	82.77	6.711	1.145	43415.0	7.767	0.00	134.02	1.044
SYU174	PLP	Group 6	13.07	54.92	0.6066	46.99	10.78	4.687	3.883	115.3	22.19	91.34	8.589	2.171	42972.0	6.953	34.15	154.32	0.7102
SYU175	PLP	Group 6	25.29	55.83	0.6295	49.59	11.61	4.517	4.340	115.7	22.89	97.86	9.024	2.368	35709.0	6.808	42.59	156.80	0.6460
SYU176	PLP	Group 6	7.010	55.94	0.6244	48.99	11.73	4.654	4.519	114.7	22.28	93.57	9.078	2.325	30215.0	6.897	77.93	162.46	0.6333
SYU177	PLP	Group 2	6.353	37.67	0.4379	29.45	5.588	4.757	2.809	74.97	9.088	71.15	6.428	0.9768	37878.0	8.867	0.00	106.39	0.7283
SYU178	PLP	Group 2	4.896	45.79	0.3878	30.01	5.425	3.494	2.552	85.97	7.808	69.88	5.810	0.9256	28166.0	8.330	0.00	100.34	0.6377
SYU179	PLP	Group 6	12.52	58.23	0.7087	55.72	12.79	3.878	5.196	111.5	18.29	89.77	4.896	2.618	51611.0	7.738	0.00	121.04	0.6168

ANID	Site	Group	As	La	Lu	Nd	Sm	U	Yb	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ni	Rb	Sb
SYU180	PLP	Group 6	13.56	54.35	0.5764	44.57	10.28	4.712	4.116	113.2	22.15	91.86	8.189	2.037	48198.0	6.845	37.79	155.20	1.199
SYU181	PLP	Group 4	4.422	46.80	0.4719	33.60	6.766	4.220	3.015	88.23	9.124	71.85	6.284	1.235	25046.0	8.351	24.77	105.42	0.6973
SYU182	PLP	Group 6	13.19	54.82	0.5632	45.92	10.21	4.631	4.185	112.8	22.02	92.04	7.618	1.989	54801.0	6.589	32.95	156.03	0.7889
SYU183	PLP	Group 4	5.691	46.45	0.4326	34.28	6.250	3.754	2.759	88.39	8.405	72.33	6.014	1.056	31976.0	7.716	20.09	106.01	0.6353
SYU184	PLP	Outlier	4.805	57.63	0.6466	49.75	11.84	5.140	4.677	115.1	25.81	85.75	7.338	2.377	25797.0	7.718	54.13	132.78	0.6151
SYU185	PLP	Group 6	9.086	54.74	0.6046	48.78	10.87	4.746	4.264	110.7	21.72	87.94	7.901	2.109	36560.0	7.140	47.24	139.33	0.6380
SYU186	PLP	Outlier	5.643	40.53	0.4163	29.37	5.366	4.498	2.664	77.18	13.80	79.36	6.742	0.9542	45525.0	6.633	0.00	129.66	0.9288
SYU187	PLP	Group 4	5.377	44.27	0.4786	36.55	7.632	4.252	3.350	88.66	7.306	76.38	5.363	1.469	14809.0	8.493	0.00	84.46	1.510
SYU188	PLP	Group 4	6.010	45.23	0.5442	37.57	7.810	6.329	3.702	86.00	7.761	73.05	6.832	1.404	25198.0	8.328	33.88	101.24	0.7311
SYU189	PLP	Group 2	0.0000	38.67	0.4290	32.29	6.239	4.626	3.022	73.70	8.114	76.18	6.744	1.119	39630.0	7.733	26.91	120.55	0.7981

Table 6: NAA Concentration Data, Part 2 (Sc-V)

Concentrations for the last 16 of the 33 elements measured by NAA. All reported values are in parts per million (PPM). In the Site column, QSB is Quarter Site B, JPP is the John Pitman Pottery, APP is the Andrew Pitman Pottery, ABP is the Andrew Pitman Pottery, SSP is the Strasburg Steam Pottery, and PLP is the Peter Lauck Pottery.

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU001	QSB	Group 4	15.248	118.61	1.352	1.157	13.48	73.51	244.3	94238.0	543.2	2511.7	6.352	11945.9	74.24	2186.2	5729.1	112.6
SYU002	QSB	Group 2	16.048	65.52	1.526	1.168	13.70	77.15	287.8	81808.9	420.3	719.7	6.383	21213.9	82.72	1793.7	6520.5	113.9
SYU003	QSB	Group 1	17.536	24.19	1.444	0.9558	13.89	97.81	191.5	101503.7	463.6	2083.4	5.569	14579.4	118.1	1311.8	5858.3	120.6
SYU004	QSB	Outlier	18.110	69.01	1.680	1.312	14.27	78.83	231.2	90935.6	474.0	449.0	6.975	23688.2	70.09	3443.3	7193.7	140.2
SYU005	QSB	Group 3	14.749	0.00	1.505	1.232	12.97	57.18	212.9	74200.3	390.8	883.2	6.734	13100.1	69.93	4835.1	7190.5	125.5
SYU006	QSB	Group 4	15.814	105.80	1.377	1.258	13.73	71.65	256.2	83535.0	527.6	2597.4	6.259	15199.0	82.73	1964.7	5761.7	92.31
SYU007	QSB	Group 1	14.577	51.76	1.377	1.128	12.79	80.14	230.2	81592.2	481.5	2747.9	5.957	21088.3	159.9	1980.1	5615.0	103.1
SYU008	QSB	Group 5	13.043	53.15	1.495	1.296	12.96	64.05	267.6	76077.0	501.0	3859.2	6.078	13508.1	297.4	4529.5	6018.2	112.3
SYU009	QSB	Group 4	13.894	90.96	1.466	1.111	13.23	87.90	225.6	79950.7	540.1	3505.2	6.923	17720.8	113.2	2979.3	6074.0	125.3
SYU010	QSB	Group 4	13.950	157.10	1.404	1.204	13.32	81.19	252.4	77533.0	610.7	4162.6	6.706	18275.7	113.5	2175.5	6423.4	132.5
SYU011	QSB	Group 5	13.416	67.98	1.552	1.004	13.25	66.86	297.7	76596.3	583.1	4577.3	5.939	13999.6	277.2	3054.6	5965.4	108.5
SYU012	QSB	Group 5	13.254	47.22	1.564	1.022	13.07	67.57	286.5	74708.0	583.4	4337.2	5.872	12982.7	258.1	3395.1	6056.1	103.6
SYU013	QSB	Group 4	13.906	47.38	1.570	0.9425	13.12	60.51	283.5	75617.0	440.5	2248.2	5.645	11475.0	128.9	1538.3	5894.7	109.1
SYU014	QSB	Group 1	17.090	47.26	1.364	0.8003	13.45	85.84	163.2	93467.1	603.5	716.9	4.675	24671.0	112.8	1124.4	5675.9	148.6
SYU015	QSB	Group 1	17.032	0.00	1.296	0.8140	13.52	87.07	205.1	101089.0	518.1	356.9	4.280	23104.1	112.9	1464.8	5725.7	118.1
SYU016	QSB	Group 1	15.370	0.00	1.202	0.9758	13.03	79.68	232.5	82792.1	548.0	926.2	5.476	23270.6	141.9	2455.3	6162.2	109.8
SYU017	QSB	Outlier	17.848	0.00	1.444	1.231	13.58	66.00	230.8	89732.3	441.8	1766.6	7.962	20978.4	115.7	1531.2	6690.7	135.5
SYU018	JPP	Group 1	16.387	26.99	1.409	0.7308	13.65	96.30	153.6	97412.3	535.1	1062.7	4.690	23535.0	231.3	2786.3	5360.0	144.6
SYU019	JPP	Group 3	11.740	18.97	1.698	0.9393	12.84	61.18	209.1	68991.0	472.0	1130.3	5.150	19623.3	94.35	2438.5	7245.0	92.00
SYU020	JPP	Outlier	14.818	0.00	1.493	0.7714	13.45	81.81	183.1	83886.1	497.9	516.7	4.780	22190.7	193.5	2504.3	6267.7	146.7
SYU021	JPP	Group 3	13.008	41.61	1.518	1.019	13.11	71.24	194.2	74895.5	470.2	1036.9	4.972	19667.6	142.0	2842.5	6524.0	120.0
SYU022	JPP	Outlier	16.190	0.00	1.373	0.8112	13.85	92.29	188.5	89596.1	518.9	173.7	5.116	21061.1	135.7	2720.9	6054.1	143.1
SYU023	JPP	Group 1	15.848	48.17	1.344	0.7440	13.61	90.38	164.1	90162.8	485.4	1033.7	5.306	21803.8	132.7	2585.3	6099.5	137.6
SYU024	JPP	Group 1	14.832	28.72	1.432	0.8175	13.66	82.81	182.9	85707.5	546.2	1420.1	5.172	21333.4	186.5	3157.8	6573.5	118.0
SYU025	JPP	Outlier	14.327	3.20	1.541	1.068	13.42	72.39	183.1	78433.7	488.5	1158.0	5.029	20508.6	153.0	2500.6	6903.0	111.8
SYU026	JPP	Outlier	13.472	29.56	1.599	1.055	13.18	80.11	201.4	76287.3	595.0	1440.3	5.308	20188.5	2290.4	2413.7	6036.3	116.5
SYU027	JPP	Group 1	15.331	0.00	1.462	0.7839	13.82	82.24	164.7	89128.4	503.0	1122.9	4.930	21814.1	171.7	2558.3	6711.3	125.1
SYU028	JPP	Group 1	13.333	24.78	1.517	1.075	12.94	83.40	169.0	80127.5	498.4	1580.6	5.168	18159.3	203.9	2994.5	6243.1	113.3
SYU029	JPP	Group 2	15.024	0.00	1.449	1.035	12.93	82.47	144.3	88186.9	512.1	913.7	5.028	22770.5	134.0	2576.1	6495.4	136.0
SYU030	JPP	Group 2	14.819	0.00	1.392	0.9819	12.82	80.59	165.7	87262.9	470.4	537.6	4.815	21429.4	168.3	2711.6	5815.3	135.1

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU031	JPP	Group 1	17.202	55.61	1.286	0.6844	13.46	74.58	148.8	99243.2	857.8	3466.2	4.637	24554.5	91.77	2676.0	5284.6	135.3
SYU032	JPP	Group 2	16.922	31.61	1.334	0.6054	13.32	67.67	164.6	96815.7	671.2	787.3	4.218	25911.6	77.87	2383.9	5779.6	146.2
SYU033	JPP	Group 1	17.527	51.51	1.273	0.6933	13.32	84.11	149.3	103499.9	756.4	1351.3	4.436	25282.8	93.96	2618.9	5909.2	143.5
SYU034	JPP	Group 1	15.224	19.56	1.428	0.9850	13.64	82.42	174.3	88588.1	544.4	1022.2	5.190	22851.1	250.2	2571.5	6574.6	127.0
SYU035	JPP	Group 2	13.280	31.26	1.560	1.037	12.88	71.62	208.9	73607.6	488.1	1079.2	4.868	20418.4	122.5	2799.7	6583.8	121.0
SYU036	JPP	Group 1	18.409	35.94	1.269	0.7844	14.26	98.40	166.0	102699.9	545.7	1364.4	4.824	23059.9	138.1	2747.8	5439.8	143.6
SYU037	JPP	Outlier	16.735	65.48	1.274	1.287	13.14	79.25	184.8	92333.9	907.8	2386.2	6.247	22756.3	126.3	2900.8	5739.7	140.3
SYU038	QSB	Group 3	15.977	31.66	1.587	1.123	13.37	62.37	199.8	78076.5	395.0	0.0	6.162	14515.8	72.46	4028.6	6719.9	142.1
SYU039	QSB	Group 3	11.569	14.49	1.880	0.8166	13.05	91.61	262.0	66153.8	361.0	1529.3	5.116	11784.8	126.4	2351.8	7388.4	99.42
SYU040	QSB	Group 3	19.921	42.52	1.591	1.231	16.30	63.24	184.3	112459.8	471.1	692.8	5.976	20194.9	189.9	2705.0	6679.0	151.8
SYU041	QSB	Outlier	18.733	94.97	1.395	0.6527	14.31	37.90	185.5	110004.1	621.7	1639.3	4.411	25277.0	137.4	2360.3	6362.6	134.2
SYU042	QSB	Outlier	15.134	0.00	1.943	1.184	16.15	69.60	257.7	78033.9	547.6	1617.4	5.677	12989.8	92.11	2242.0	9694.3	145.3
SYU043	QSB	Group 3	18.361	50.43	1.484	1.106	13.65	44.25	177.2	100233.2	490.4	1214.8	5.038	22865.4	132.3	2881.3	6103.1	130.4
SYU044	QSB	Group 3	17.880	85.86	1.403	0.7746	13.30	45.49	179.6	99403.3	503.9	1295.8	5.471	22224.6	133.1	3143.2	6096.2	136.7
SYU045	QSB	Group 4	15.648	58.64	1.443	1.284	13.79	73.80	190.7	88141.6	517.9	2968.3	6.570	11562.4	69.03	2741.0	5661.8	124.1
SYU046	QSB	Group 3	14.614	0.00	1.581	1.198	12.94	59.72	211.4	74846.4	385.5	841.0	6.653	12302.2	70.46	5323.5	6671.5	120.1
SYU047	QSB	Group 3	12.018	53.01	1.789	0.9695	12.77	84.42	217.9	70305.6	397.0	2513.4	4.897	11393.6	105.4	1988.3	6689.6	105.5
SYU048	QSB	Group 5	13.599	85.04	1.560	1.114	13.21	103.8	252.1	78945.9	569.6	2951.4	6.469	15105.7	413.9	2759.8	5933.8	121.1
SYU049	QSB	Group 3	15.704	0.00	1.522	1.293	12.78	66.99	224.0	79743.2	427.5	597.0	6.662	15283.6	85.26	6603.1	6781.8	135.4
SYU050	QSB	Group 2	12.155	9.18	1.503	0.9737	12.66	61.79	276.3	73320.2	396.4	2866.9	5.802	10473.8	215.9	1358.2	5709.5	73.15
SYU051	QSB	Group 4	14.421	69.13	1.431	1.139	12.95	69.00	201.6	81413.1	666.6	5296.9	5.999	14926.4	289.4	2284.7	5700.3	96.07
SYU052	QSB	Group 1	13.990	8.94	1.396	0.9760	13.13	109.2	227.8	77194.9	444.3	1839.0	5.672	15610.5	337.1	1458.2	5493.7	91.15
SYU053	QSB	Group 1	14.147	0.00	1.398	0.6814	12.51	70.14	186.9	88920.5	481.6	2577.2	4.471	20806.6	128.2	1428.3	6216.1	107.3
SYU054	QSB	Group 1	13.229	55.95	1.413	0.6829	12.25	70.60	169.1	78689.1	470.5	2526.5	4.432	20234.0	124.2	1482.3	6246.0	91.70
SYU055	QSB	Group 1	14.211	40.86	1.394	0.6819	12.96	71.17	187.5	83672.0	469.5	1193.8	4.565	18882.0	171.4	1742.4	6068.9	97.37
SYU056	QSB	Group 1	14.913	34.85	1.522	1.157	13.76	83.44	219.6	91420.5	507.7	1994.7	5.791	16192.9	115.9	2230.9	6696.0	95.13
SYU057	QSB	Group 1	15.394	0.00	1.430	0.6930	13.28	74.40	198.5	89182.2	522.7	1633.1	4.289	21559.1	226.7	1362.8	6253.2	103.0
SYU058	QSB	Group 1	15.431	0.00	1.467	1.200	13.78	70.27	208.2	82929.5	430.2	2411.7	5.401	16403.4	92.55	1516.4	5792.7	113.5
SYU059	QSB	Group 4	15.709	59.55	1.375	1.340	13.56	82.32	232.2	81403.3	472.7	4061.1	6.638	16977.8	285.3	2978.5	5376.6	101.7
SYU060	QSB	Group 5	11.969	66.64	1.515	1.253	12.27	59.30	247.9	72840.1	505.9	3733.0	5.746	12883.4	218.1	2491.6	5944.2	82.03

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU061	QSB	Outlier	17.264	4.10	1.529	1.133	14.19	88.85	205.2	91255.9	453.8	1335.5	5.977	22485.1	103.6	1739.1	6736.4	127.0
SYU062	QSB	Group 3	12.961	48.64	1.415	1.166	12.93	50.34	239.0	71437.2	440.1	1871.3	6.163	11713.4	66.37	1491.5	5908.3	103.9
SYU063	QSB	Group 1	16.923	0.00	1.436	0.6308	14.18	88.76	154.8	97896.9	822.4	1418.4	4.178	25269.3	228.4	1774.7	5963.9	106.8
SYU064	QSB	Group 1	16.821	32.11	1.335	0.7606	13.49	78.01	174.2	97766.8	553.0	1618.9	5.023	25468.5	124.0	1274.0	5598.5	136.3
SYU065	QSB	Group 1	15.224	19.03	1.411	1.015	12.94	72.61	200.9	92099.1	492.3	1551.7	4.818	22513.7	172.8	1397.7	6218.5	111.6
SYU066	QSB	Group 2	13.291	34.25	1.540	0.6012	13.04	61.91	196.0	79144.1	531.3	803.9	4.208	21744.1	104.7	2329.4	6611.3	123.9
SYU067	QSB	Group 1	18.301	29.89	1.329	0.6833	14.11	74.77	180.2	109286.3	504.9	1845.1	4.478	22699.3	129.9	1899.5	5668.1	144.2
SYU068	QSB	Group 6	24.098	0.00	0.972	1.984	17.06	70.19	190.8	115645.0	597.1	3881.0	10.62	41290.8	230.5	1413.9	4426.4	150.3
SYU069	QSB	Group 1	14.127	16.15	1.527	0.9704	13.03	72.14	205.7	77462.9	409.2	1586.0	4.546	19802.6	125.3	2367.7	6339.7	132.1
SYU070	QSB	Outlier	14.688	81.66	1.559	1.624	16.26	80.75	470.0	89050.2	636.1	8828.7	8.903	23707.3	388.7	3667.9	6878.9	93.98
SYU071	QSB	Group 1	16.376	42.87	1.463	1.068	13.91	86.17	203.1	93973.2	659.9	1533.8	4.452	23228.3	153.1	1368.3	6299.5	116.2
SYU072	QSB	Group 4	16.672	49.34	1.703	1.354	14.31	51.70	259.9	94671.0	389.9	2531.8	7.310	20149.7	153.5	3130.9	6668.1	124.6
SYU073	QSB	Group 1	14.881	40.03	1.468	0.7782	13.04	77.53	203.7	86536.0	510.2	716.0	4.090	22459.1	123.2	1829.3	6402.2	132.4
SYU074	QSB	Group 1	17.247	27.87	1.286	0.9949	13.48	86.52	202.5	97831.9	551.4	1841.0	4.941	23460.8	127.3	2252.9	5319.1	140.5
SYU075	QSB	Group 1	20.198	19.04	1.387	0.9530	15.66	102.0	173.3	106700.7	554.8	2073.1	4.820	25753.7	200.0	1195.1	5908.4	124.5
SYU076	QSB	Outlier	16.019	57.82	1.470	1.135	14.17	51.86	233.9	84661.6	326.3	2219.5	6.593	13011.3	50.47	1035.5	5867.5	118.0
SYU077	QSB	Group 4	15.469	61.38	1.509	1.339	14.01	72.53	261.2	87838.1	351.9	3312.1	6.459	13333.4	179.2	1885.5	6236.9	101.4
SYU078	QSB	Group 1	17.225	35.92	1.390	0.8136	13.78	79.65	219.7	100485.1	636.5	3246.9	4.591	23701.4	387.9	1666.1	5574.9	197.8
SYU079	QSB	Group 1	14.980	26.98	1.450	1.291	13.31	63.61	224.5	82375.6	506.0	3054.0	6.003	16380.9	142.1	1891.7	5971.7	101.1
SYU080	QSB	Group 3	16.217	65.35	1.685	1.168	13.91	63.99	270.8	86465.1	443.8	701.6	6.590	19806.0	67.22	4242.6	6888.8	130.2
SYU081	QSB	Group 1	17.606	24.52	1.441	0.9900	13.93	83.09	211.7	107000.4	409.2	2244.6	5.644	14451.4	147.7	1189.6	6398.1	125.5
SYU082	QSB	Group 1	17.997	35.28	1.285	0.9807	13.69	99.91	207.6	101966.1	596.2	2223.4	4.511	24282.7	218.1	1551.1	5796.2	110.1
SYU083	QSB	Group 5	14.463	65.00	1.451	1.011	12.79	87.30	255.9	85310.5	634.8	4663.3	5.643	13135.9	395.0	2356.8	5916.9	121.8
SYU084	QSB	Group 3	15.109	61.90	1.932	0.9828	15.84	62.97	310.5	82340.4	507.2	1525.7	5.530	14847.5	94.41	1828.9	9412.4	138.6
SYU085	QSB	Outlier	24.008	0.00	0.108	0.5780	1.935	84.67	61.23	74546.3	581.9	87816.7	3.183	11744.8	2146.4	12788.6	4153.2	125.6
SYU086	QSB	Group 2	13.782	47.79	1.524	0.8742	13.33	56.23	271.6	77194.5	355.4	1239.8	5.528	11363.7	72.02	1262.1	6173.2	101.4
SYU087	QSB	Group 4	16.128	56.04	1.393	1.265	13.14	143.2	285.9	80548.9	566.2	3738.4	7.058	21171.5	89.15	2334.3	5542.9	110.5
SYU088	QSB	Group 1	15.862	44.52	1.539	1.105	13.72	74.79	216.4	95389.6	634.9	1727.5	5.202	21912.4	281.4	2203.9	6507.4	99.62
SYU089	QSB	Group 1	14.487	36.94	1.559	1.037	13.37	62.12	252.4	79989.6	365.7	1627.2	6.027	17702.1	121.3	1063.6	6104.4	78.48
SYU090	QSB	Group 4	13.970	55.72	1.336	1.295	12.60	108.2	275.9	70384.0	511.9	4664.9	6.027	18830.5	112.8	2439.3	5525.0	86.98

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU091	QSB	Group 1	16.511	0.00	1.350	0.7961	14.00	72.33	211.5	97535.8	536.3	1889.3	4.348	24524.6	127.9	1857.4	5621.7	130.1
SYU092	QSB	Group 4	14.794	65.12	1.489	1.247	13.46	60.17	265.9	77636.4	428.3	2536.1	5.941	16560.3	96.67	1103.6	5932.3	81.80
SYU093	QSB	Group 1	14.466	0.00	1.527	0.7820	13.57	68.19	214.2	86149.1	491.0	1126.2	4.412	22683.2	188.8	1701.9	6536.4	107.4
SYU094	QSB	Outlier	16.720	34.95	1.396	0.9710	13.90	92.96	201.9	99763.3	488.5	977.6	5.082	14065.3	132.9	1831.0	5528.9	144.9
SYU095	QSB	Group 1	16.294	39.73	1.345	0.8918	13.65	86.02	223.2	92263.6	539.7	1041.0	4.939	24071.5	232.6	1304.6	5436.4	123.4
SYU096	QSB	Group 4	15.434	49.88	1.635	1.274	14.21	60.69	261.3	85285.6	380.5	2990.4	6.586	13921.7	161.8	1926.2	5974.8	96.51
SYU097	QSB	Group 3	14.358	38.82	1.566	1.209	14.13	49.31	309.8	74174.9	303.4	569.5	6.451	12234.4	56.73	1232.3	6000.1	97.07
SYU098	QSB	Group 1	19.409	56.69	1.442	0.9130	15.17	90.56	169.3	106759.5	535.0	1381.0	4.903	23349.1	146.8	1687.6	5398.9	123.3
SYU099	QSB	Group 1	14.355	50.84	1.531	0.9384	13.87	72.08	266.2	84146.2	481.4	2637.5	5.177	17886.5	121.7	1698.1	6213.9	104.6
SYU100	QSB	Group 3	16.539	28.50	1.592	1.162	14.02	49.41	202.1	80194.0	407.5	557.0	6.143	13756.8	66.35	4059.3	6632.5	139.8
SYU101	QSB	Group 3	18.438	57.94	1.640	1.237	14.54	71.02	256.9	91431.0	563.8	481.9	7.063	24124.2	73.02	3094.0	6820.5	146.7
SYU102	QSB	Outlier	17.904	70.72	1.549	1.022	13.62	52.95	214.1	98948.5	586.3	1183.5	5.537	23949.2	309.5	4184.2	6615.0	125.9
SYU103	QSB	Group 5	14.910	41.08	1.426	0.9787	12.73	104.5	244.1	82217.3	677.4	4822.9	5.472	11530.7	382.6	2251.5	5150.0	132.5
SYU104	QSB	Group 3	17.899	0.00	1.652	1.233	14.58	70.53	234.8	87909.0	436.9	0.0	6.583	22545.3	68.88	3157.4	6866.2	141.6
SYU105	QSB	Group 3	19.343	41.55	1.549	1.470	14.42	40.94	224.1	102228.3	340.1	727.2	8.145	18005.1	95.39	1755.6	6492.0	138.7
SYU106	QSB	Group 1	15.769	65.86	1.396	1.245	13.16	82.44	221.4	88049.0	617.0	2098.3	6.717	23157.1	114.8	2891.6	6044.8	116.2
SYU107	QSB	Group 1	15.822	20.57	1.401	0.8025	13.35	71.86	212.1	89753.4	644.2	1833.8	4.535	22666.7	323.8	1613.6	6009.1	120.8
SYU108	QSB	Group 1	15.247	40.29	1.396	0.9031	13.11	83.57	243.0	89223.8	503.6	1916.2	5.260	23246.1	132.9	2016.7	5683.0	105.3
SYU109	QSB	Group 1	17.463	0.00	1.390	1.010	14.03	101.4	186.4	104856.1	606.9	1160.1	5.398	24078.9	256.3	1270.3	5515.0	137.0
SYU110	QSB	Group 1	14.378	13.95	1.496	0.7686	13.02	62.24	229.0	83140.1	442.0	1011.5	4.564	20634.7	134.8	1765.2	6121.4	114.8
SYU111	QSB	Group 1	15.992	41.28	1.328	1.067	13.45	94.54	205.0	87285.3	588.2	1508.6	5.917	24201.3	149.4	2481.5	5727.8	126.6
SYU112	QSB	Group 1	15.844	31.90	1.384	1.130	13.23	84.80	214.7	89173.6	620.9	1819.5	5.933	25415.3	152.3	2360.2	6031.1	126.8
SYU113	QSB	Group 1	15.096	0.00	1.243	0.7536	12.11	73.23	192.1	91272.8	404.9	1152.8	4.431	22491.7	117.1	1662.8	5508.3	144.2
SYU114	QSB	Group 1	16.335	0.00	1.529	0.9932	14.33	88.20	201.6	91190.5	513.6	1714.8	5.217	14429.2	133.4	1726.3	6099.1	141.9
SYU115	QSB	Group 2	10.705	37.11	1.621	1.209	12.31	60.83	333.0	60671.4	350.6	2327.6	5.590	7980.6	116.6	1466.3	6164.1	65.40
SYU116	QSB	Group 1	16.998	0.00	1.374	0.9440	13.58	71.90	218.0	85829.1	527.5	1015.1	5.306	25029.5	102.7	2492.2	5251.0	132.9
SYU117	QSB	Group 3	15.416	45.17	1.607	1.364	13.84	60.88	258.5	75211.3	429.3	1724.9	6.425	13919.5	48.60	1855.2	6059.5	112.2
SYU118	QSB	Group 1	14.380	69.26	1.513	0.8815	13.64	83.64	249.5	82014.4	514.8	3124.8	5.215	17851.9	243.1	1630.5	6178.8	99.37
SYU119	QSB	Group 2	12.927	56.82	1.470	0.7243	12.34	61.80	218.0	79768.9	481.4	1444.0	4.431	22378.6	101.0	1576.0	6013.4	101.1
SYU120	QSB	Group 1	15.409	45.51	1.287	1.124	12.79	73.36	210.6	85934.7	530.4	1892.5	6.605	23460.4	127.2	2822.9	5797.5	130.9

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU121	APP	Group 1	14.625	16.34	1.379	0.7231	12.75	119.0	201.0	82671.0	598.9	2341.8	4.766	22339.8	232.0	2471.9	6034.8	108.1
SYU122	APP	Group 1	15.791	44.12	1.278	1.054	13.02	119.4	223.4	93080.0	581.8	2330.7	5.450	19201.6	237.1	2352.7	5758.6	127.6
SYU123	APP	Group 1	16.204	34.62	1.409	0.7752	13.54	96.65	194.2	92311.9	526.7	981.4	5.025	23466.2	161.2	2723.7	6060.2	104.0
SYU124	APP	Group 1	18.427	38.89	1.281	0.5984	14.73	99.50	190.0	107271.0	561.2	930.5	3.645	23384.1	342.5	2107.1	5377.7	124.6
SYU125	APP	Outlier	18.604	0.00	1.160	0.6334	13.93	95.71	200.0	109105.7	687.3	2451.3	3.940	23132.6	692.6	2057.3	4991.6	138.2
SYU126	APP	Group 1	13.683	28.86	1.484	0.8307	12.31	140.1	239.7	82558.4	522.6	1139.1	5.330	19469.7	195.7	2904.3	6453.1	114.4
SYU127	APP	Group 1	15.563	40.28	1.308	0.9611	12.64	104.9	187.3	89647.6	618.7	3244.3	5.385	19483.3	384.2	2270.9	5400.9	101.1
SYU128	APP	Group 1	14.072	38.60	1.368	0.7583	12.13	107.8	211.9	87640.3	598.1	2082.9	4.530	20270.7	301.2	2629.5	6301.0	100.6
SYU129	APP	Group 1	14.772	57.45	1.372	0.9467	12.35	72.60	206.7	86478.3	628.5	2061.1	5.059	19732.2	201.8	2304.9	6027.6	93.73
SYU130	APP	Group 1	17.506	0.00	1.338	0.7224	13.88	358.8	193.6	100261.5	610.5	821.6	4.315	24060.3	101.6	1874.4	5944.8	140.5
SYU131	ABP	Group 1	17.986	41.54	1.203	0.6085	13.57	160.4	149.7	101159.1	765.1	1525.6	3.842	24475.4	92.89	1974.3	5623.1	154.3
SYU132	APP	Group 1	14.790	17.63	1.373	0.6301	12.67	71.18	201.2	89271.1	522.7	820.5	4.106	19729.2	141.9	2352.2	6205.8	142.9
SYU133	APP	Group 3	13.293	55.59	1.487	0.8215	11.96	130.1	208.7	77419.3	525.6	1130.9	4.922	19414.9	136.6	2866.9	6177.6	118.7
SYU134	APP	Group 1	14.797	47.53	1.358	0.6035	12.87	197.8	228.9	87575.2	482.8	575.9	3.660	22167.8	116.5	1905.7	5906.3	107.3
SYU135	APP	Group 2	12.611	40.43	1.409	0.6795	11.83	67.83	226.4	78638.7	482.3	728.0	4.261	20131.0	121.6	2442.6	6449.7	111.9
SYU136	APP	Group 1	15.139	0.00	1.304	0.9151	12.66	373.0	220.3	88933.7	512.8	1349.4	4.637	24132.5	113.9	2164.0	6535.8	131.5
SYU137	ABP	Group 1	13.488	0.00	1.154	0.9415	11.34	78.04	206.2	75171.3	512.0	2314.2	5.371	19780.5	222.8	3005.4	5777.8	104.5
SYU138	ABP	Group 1	16.360	0.00	1.118	1.158	12.47	84.03	148.7	91652.1	442.2	1142.3	6.521	24382.9	187.0	1135.9	4888.6	126.8
SYU139	ABP	Outlier	17.439	0.00	1.008	1.258	12.96	79.96	143.1	90612.4	558.7	1860.1	6.815	22446.7	162.8	1336.9	4685.7	140.2
SYU140	ABP	Group 1	15.584	0.00	1.044	0.6069	13.34	68.57	144.2	96120.1	496.2	2867.6	4.006	26172.9	202.4	1178.6	4398.0	113.2
SYU141	ABP	Outlier	15.578	25.75	1.307	0.6781	11.87	58.98	221.0	86269.4	507.8	988.7	4.183	23106.9	171.0	1907.8	5469.2	126.5
SYU142	ABP	Group 2	15.554	22.69	1.195	0.5892	12.00	66.59	227.0	83246.6	517.1	1050.0	4.003	21713.4	161.2	1737.4	5635.1	132.1
SYU143	ABP	Group 2	12.154	22.99	1.357	0.6252	12.07	58.86	224.3	69891.0	388.5	1045.5	3.869	19590.6	173.6	1467.1	5766.9	101.1
SYU144	ABP	Group 2	14.539	0.00	1.208	0.5694	12.66	66.22	174.5	83594.8	510.0	2023.1	3.602	20383.8	193.3	1315.7	4906.6	102.6
SYU145	ABP	Outlier	17.900	43.63	1.047	1.311	12.88	88.87	158.6	99464.4	487.2	2547.6	7.563	22559.3	204.1	1011.7	4462.6	121.2
SYU146	ABP	Group 2	16.023	0.00	1.217	0.6897	12.73	59.78	185.9	93862.3	512.6	1504.6	4.281	22166.2	147.9	1237.0	5466.3	137.0
SYU147	ABP	Group 2	12.144	38.73	1.145	0.7835	10.57	57.44	222.6	65537.4	518.9	2210.7	4.300	18005.3	160.4	2108.5	4752.0	100.7
SYU148	ABP	Group 3	14.597	57.72	1.235	0.7019	12.39	66.12	211.1	75764.4	548.5	1374.2	3.959	23878.0	147.8	2043.7	5613.1	107.1
SYU149	SSP	Group 1	15.000	41.07	1.250	0.8022	13.25	73.63	180.3	90569.5	442.9	2159.9	4.436	19397.8	203.1	1082.4	5271.4	109.5
SYU150	SSP	Group 5	16.014	67.54	1.275	1.144	13.21	64.70	227.8	86252.7	580.3	3716.2	6.110	16650.6	200.4	3408.3	5547.5	122.1

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU151	SSP	Group 4	15.706	48.24	1.305	1.066	12.98	74.01	211.1	84976.9	619.6	3356.0	5.798	15875.1	222.1	3903.9	5796.3	121.6
SYU152	SSP	Group 4	13.560	43.26	1.360	1.049	12.45	53.92	237.6	70352.8	505.9	2039.1	6.371	12478.9	205.5	1861.7	5782.0	104.8
SYU153	SSP	Group 4	15.727	68.54	1.299	1.055	13.03	85.28	202.3	80565.6	604.7	3523.6	6.305	15861.7	234.1	3088.7	5429.1	120.3
SYU154	SSP	Group 5	13.896	38.87	1.345	1.085	12.89	90.64	215.5	80447.3	573.2	3716.6	5.889	14054.2	523.0	3200.6	5711.8	123.4
SYU155	SSP	Group 4	15.002	41.63	1.344	1.071	12.84	67.68	215.1	86329.1	594.3	3702.7	5.860	14709.0	509.3	2787.8	4901.9	115.1
SYU156	SSP	Group 4	14.071	46.11	1.405	1.122	12.82	81.80	250.0	79208.0	516.3	2688.9	6.131	10487.2	238.6	3613.0	5747.6	106.7
SYU157	SSP	Group 4	14.326	68.25	1.342	1.121	12.59	71.34	220.3	79176.6	578.8	3257.4	6.518	11767.2	321.7	3647.0	5338.7	117.6
SYU158	SSP	Group 4	14.774	52.51	1.391	1.023	12.82	77.47	200.2	77775.8	597.2	2690.7	5.827	13143.6	419.3	3416.4	5618.7	115.8
SYU159	SSP	Group 4	15.996	62.22	1.266	1.121	13.09	73.13	206.2	87701.5	557.8	3413.0	6.137	15950.7	210.1	4173.7	5063.6	128.9
SYU160	SSP	Outlier	13.017	56.07	1.401	0.9525	12.45	64.05	240.8	72392.6	485.2	1436.3	6.433	12118.3	182.6	3117.7	5656.2	108.8
SYU161	SSP	Group 4	14.465	24.19	1.359	1.074	12.75	78.62	235.1	79671.5	566.8	3160.5	5.647	12685.5	482.3	4662.1	5586.5	116.3
SYU162	SSP	Outlier	14.065	0.00	1.498	0.6288	13.29	85.22	206.9	84039.5	654.4	2273.3	4.514	7149.3	106.8	1486.3	6250.8	75.73
SYU163	SSP	Outlier	14.789	57.05	1.387	1.062	13.01	107.8	220.2	82625.6	480.0	1568.0	6.237	15880.4	117.9	1866.1	6177.5	90.65
SYU164	SSP	Group 4	15.445	35.94	1.399	1.150	13.27	69.62	210.1	84788.4	511.3	2132.4	6.034	15895.2	116.4	2014.6	5643.3	112.3
SYU165	SSP	Group 4	13.936	41.97	1.353	1.028	12.77	71.61	220.4	76059.8	556.2	2649.7	5.900	15006.6	450.9	1988.5	5354.3	111.3
SYU166	SSP	Group 4	14.372	60.84	1.430	0.6671	13.14	85.62	212.3	86133.3	732.5	3270.6	4.820	8982.7	102.2	1413.0	5792.0	88.42
SYU167	SSP	Outlier	14.989	93.84	1.448	0.9152	13.07	73.50	192.6	92741.9	1296.0	6968.6	5.206	7826.8	124.4	1655.5	5970.9	109.0
SYU168	SSP	Group 4	12.726	53.79	1.271	0.9738	11.91	74.95	228.9	72740.4	512.8	2404.0	5.387	13081.7	323.5	1740.0	5276.2	98.35
SYU169	SSP	Group 1	14.480	38.32	1.432	0.5654	13.12	83.14	192.4	89901.0	961.3	3041.8	4.622	8619.4	121.6	3191.5	5860.8	98.18
SYU170	PLP	Group 6	19.450	54.51	1.302	1.309	14.13	120.0	147.5	105954.9	1158.5	4383.3	8.288	27949.2	259.3	2857.4	5998.2	132.6
SYU171	PLP	Group 1	13.649	49.33	1.288	0.7547	13.08	234.9	197.8	84480.9	405.3	3177.4	4.529	15642.5	213.8	961.3	5646.6	84.59
SYU172	PLP	Outlier	18.485	78.01	1.410	1.555	13.92	125.0	174.5	100455.2	1249.8	7470.4	9.129	24121.1	321.5	2696.5	5704.7	107.0
SYU173	PLP	Group 1	14.853	31.57	1.372	0.8573	13.52	72.17	163.2	85900.0	729.6	1539.6	5.061	24255.6	170.9	2077.4	6216.8	138.3
SYU174	PLP	Group 6	19.879	0.00	1.303	1.481	14.46	123.7	171.7	105009.5	1137.9	4506.8	8.662	28268.8	193.1	2796.4	5768.7	131.4
SYU175	PLP	Group 6	20.646	40.07	1.319	1.576	14.17	146.4	167.4	113432.0	1427.7	5325.7	9.518	29116.5	260.6	2372.2	5576.2	117.0
SYU176	PLP	Group 6	20.325	85.42	1.319	1.399	14.12	132.4	174.0	112807.5	1210.2	3613.4	9.268	27161.5	139.9	2610.8	5776.2	133.0
SYU177	PLP	Group 2	12.768	0.00	1.341	0.6281	12.34	57.59	226.0	74677.2	449.5	921.7	4.597	18304.9	152.4	1137.5	6017.9	101.6
SYU178	PLP	Group 2	12.587	59.25	1.535	0.6041	13.19	67.03	213.0	84961.6	504.8	3817.8	4.109	12166.3	99.19	1324.9	6097.1	91.60
SYU179	PLP	Group 6	17.836	0.00	1.086	1.616	14.24	113.7	203.1	92699.4	422.6	3459.5	9.877	33748.8	760.5	1928.8	4826.6	114.9
SYU180	PLP	Group 6	19.495	81.06	1.357	1.589	14.14	121.8	167.4	104459.7	1133.6	3188.7	7.986	27301.1	198.7	2848.6	5735.7	133.8

ANID	Site	Group	Sc	Sr	Ta	Tb	Th	Zn	Zr	Al	Ba	Ca	Dy	K	Mn	Na	Ti	V
SYU181	PLP	Group 4	12.890	64.25	1.554	0.8260	12.82	89.97	197.5	81942.8	555.3	3699.0	5.540	14178.6	119.9	1540.0	6531.4	102.4
SYU182	PLP	Group 6	19.376	52.90	1.416	1.322	14.57	112.6	180.6	101254.6	1126.9	3826.3	7.794	29553.7	281.3	2320.5	5778.3	131.0
SYU183	PLP	Group 4	13.507	66.85	1.451	0.7173	13.32	59.08	181.4	87092.5	588.5	4070.7	4.517	15942.6	197.7	1517.3	5651.1	98.09
SYU184	PLP	Outlier	17.339	31.67	1.505	1.628	13.66	131.2	206.4	93891.3	1094.2	5211.6	9.449	22407.6	170.4	2823.6	6192.2	123.9
SYU185	PLP	Group 6	18.343	61.19	1.375	1.465	13.74	115.9	180.4	104331.5	1155.0	4076.4	8.900	27183.6	222.8	2577.2	5985.2	117.4
SYU186	PLP	Outlier	14.735	41.19	1.323	0.6423	13.12	94.48	169.1	80231.8	508.2	1472.9	4.355	19980.5	381.0	1069.4	5442.4	111.6
SYU187	PLP	Group 4	13.444	0.00	1.327	0.9528	12.96	53.23	198.1	85664.8	432.8	2870.7	5.968	21668.1	104.0	1046.8	5807.3	76.54
SYU188	PLP	Group 4	14.014	14.59	1.586	0.9858	13.02	94.54	203.8	77681.1	605.6	4187.8	6.063	14336.0	456.8	1952.4	6727.2	106.6
SYU189	PLP	Group 2	14.822	0.00	1.183	0.6963	11.99	71.37	220.9	79084.9	611.0	1429.5	4.608	21881.0	151.1	2201.7	5386.0	123.9

Table 7: Group classification using Mahalanobis Distance

Results of Mahalanobis distance (MD) calculations. All calculations conducted using the first 7 principal components (PCs), which together explain 85.40% of the variance in the dataset. See Table 8 for PC loading scores. Best group is based on the highest membership probability > 0.001%. In several cases, samples were not placed in the best group (as determined by MD) because of the results of other statistical tests.

Membership probabilities for samples in group: Group 1							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU003	94.319	0.046	0.053	1.547	12.17	1.295	Group 1
SYU007	80.74	0.001	0.023	20.605	18.518	0.867	Group 1
SYU014	46.601	0.061	0.023	0	2.978	1.61	Group 1
SYU015	8.21	0.141	0.007	0	1.783	0.333	Group 1
SYU016	71.434	0.001	0.02	0	4.819	0.997	Group 1
SYU018	62.069	0.147	0.013	0	3.987	0.563	Group 1
SYU023	65.16	0.191	0.081	0	4.616	1.063	Group 1
SYU024	39.185	1.025	0.091	0.003	6.943	0.641	Group 1
SYU027	82.345	0.227	0.01	0	5.087	0.601	Group 1
SYU028	71.609	0.44	0.018	0.029	8.802	0.65	Group 1
SYU031	18.344	0.28	0.053	0.024	4.755	0.724	Group 1
SYU033	31.134	13.601	0.061	0	3.756	2.589	Group 1
SYU034	46.715	0.031	0.004	0	5.702	0.294	Group 1
SYU036	76.478	0.059	0.026	0	4.845	0.971	Group 1
SYU052	4.664	0.001	0.003	0.247	8.374	0.438	Group 5
SYU053	30.72	0.184	0.119	0.158	6.047	0.284	Group 1
SYU054	49.106	0.052	0.14	0.246	6.106	0.303	Group 1
SYU055	95.492	0.094	0.076	0.001	4.808	1.269	Group 1
SYU056	71.949	0.242	0.063	4.916	15.337	1.454	Group 1
SYU057	89.594	0.003	0.031	0.001	5.796	1.156	Group 1
SYU058	19.283	0.004	0.024	7.041	13.713	0.772	Group 1
SYU063	60.538	0.067	0.009	0	4.428	1.64	Group 1
SYU064	59.37	0.285	0.018	0.001	5.742	1.898	Group 1
SYU065	73.24	1.139	0.043	0.024	6.921	0.971	Group 1
SYU067	54.286	1.318	0.017	0	4.262	1.816	Group 1
SYU069	52.422	0.539	0.021	0.007	5.326	0.524	Group 1
SYU071	96.625	0.001	0.022	0.001	5.975	1.308	Group 1
SYU073	68.733	0.181	0.041	0	2.553	0.944	Group 1
SYU074	93.389	0.434	0.028	0.007	6.847	1.444	Group 1
SYU075	23.45	0	0.002	0	6.188	1.582	Group 1
SYU078	19.983	0	0.008	0.006	8.39	1.319	Group 1
SYU079	53.985	0.01	0.042	48.577	21.3	1.074	Group 1
SYU081	82.839	0.001	0.018	2.552	12.281	1.406	Group 1
SYU082	76.769	0	0.007	0.002	6.444	1.596	Group 1

ANID	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Best Group
SYU088	76.963	0.009	0.046	0.098	10.795	3.203	Group 1
SYU089	14.366	0.007	0.106	3.302	8.703	0.801	Group 1
SYU091	79.614	0.001	0.022	0.001	5.615	0.786	Group 1
SYU093	86.904	0.46	0.071	0	4.868	1.195	Group 1
SYU095	68.14	0	0.012	0	5.569	2.085	Group 1
SYU098	60.115	0.007	0.015	0	6.217	4.688	Group 1
SYU099	61.405	0.256	0.321	26.793	13.961	0.597	Group 1
SYU106	21.367	0.001	0.017	1.114	14.544	3.096	Group 1
SYU107	68.907	0.001	0.008	0.004	6.601	1.708	Group 1
SYU108	98.983	0.002	0.029	0.069	8.631	1.681	Group 1
SYU109	21.009	0	0.005	0	7.016	4.324	Group 1
SYU110	28.594	5.144	0.021	0	3.553	0.398	Group 1
SYU111	52.336	0.002	0.01	0.008	11.434	0.957	Group 1
SYU112	63.91	0	0.006	0.027	10.513	1.051	Group 1
SYU113	40.912	0.002	0.007	0	3.478	1.014	Group 1
SYU114	58.991	0	0.005	0.027	8.678	1.074	Group 1
SYU116	54.315	0.469	0.028	0	4.1	0.243	Group 1
SYU118	59.44	0	0.045	8.469	14.382	0.344	Group 1
SYU120	57.574	0.006	0.037	0.346	12.829	1.906	Group 1
SYU121	17.064	0	0.002	0.001	5.352	1.003	Group 1
SYU122	61.323	0	0.004	0.018	10.442	2.74	Group 1
SYU123	96.324	0.003	0.015	0	3.662	0.76	Group 1
SYU124	23.509	0.001	0.011	0	2.687	2.015	Group 1
SYU126	75.487	0.002	0.025	0	4.033	0.67	Group 1
SYU127	20.063	0	0.002	0.082	9.775	1.564	Group 1
SYU128	43.074	0	0.006	0.001	5.227	1.235	Group 1
SYU129	92.881	0	0.037	0.067	9.953	1.178	Group 1
SYU130	5.705	0	0.008	0	1.424	0.86	Group 1
SYU131	29.056	0.033	0.012	0	2.26	2.028	Group 1
SYU132	24.881	0.697	0.048	0	2.313	0.361	Group 1
SYU134	1.944	0	0.006	0	1.247	0.889	Group 1
SYU136	15.147	0	0.011	0	2.217	1.544	Group 1
SYU137	7.735	0.013	0.015	0.509	10.63	0.418	Group 5
SYU138	7.681	0	0.002	0	5.352	0.316	Group 1
SYU140	0.062	0.053	0.538	0.005	6.516	0.256	Group 5
SYU149	39.818	0	0.011	0.004	6.99	0.542	Group 1
SYU169	4.911	0.074	0.062	0.552	5.341	0.587	Group 5
SYU171	5.108	0	0.175	0.358	7.195	0.208	Group 5
SYU173	98.127	0.105	0.024	0.002	6.454	1.723	Group 1
Membership probabilities for samples in group: Group 2							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU002	0.013	57.304	4.925	0.008	3.464	1.003	Group 2

ANID	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Best Group
SYU029	0.968	87.601	1.001	0	4.631	0.463	Group 2
SYU030	2.531	77.437	0.174	0	3.641	0.258	Group 2
SYU032	28.837	65.646	0.027	0	2.453	0.617	Group 2
SYU035	5.845	91.715	1.238	0.005	4.676	0.579	Group 2
SYU050	0.005	42.805	0.184	0.111	13.335	0.55	Group 2
SYU066	12.661	90.43	0.378	0	2.59	0.798	Group 2
SYU086	0.21	73.311	5.795	2.79	5.185	0.669	Group 2
SYU115	0	73.651	8.193	0.713	16.101	0.337	Group 2
SYU119	0	89.67	24.575	0.037	3.776	0.698	Group 2
SYU135	0.165	68.683	2.145	0	2.502	0.767	Group 2
SYU142	0.367	92.671	1.092	0	3.082	0.819	Group 2
SYU143	0.092	87.387	1.377	0.001	3.414	0.81	Group 2
SYU144	0	78.4	8.825	0.006	5.118	1.014	Group 2
SYU146	0	57.732	36.781	0.001	4.684	1.96	Group 2
SYU147	0.175	76.493	8.456	9.815	9.394	0.751	Group 2
SYU177	0.348	68.558	1.579	0.001	3.761	0.989	Group 2
SYU178	0.005	50.986	19.2	15.117	8.562	0.17	Group 2
SYU189	1.368	85.658	2.894	0.008	5.046	1.491	Group 2
Membership probabilities for samples in group: Group 3							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU005	0	0	95.503	0.086	4.261	0.196	Group 3
SYU019	0	0.001	87.706	0.056	3.54	0.291	Group 3
SYU021	0	0	57.33	0.009	5.059	0.503	Group 3
SYU038	0	0.001	79.103	0.105	5.139	0.224	Group 3
SYU039	0	0	26.447	0.066	4.292	0.291	Group 3
SYU040	0	0.49	33.551	0	4.137	0.208	Group 3
SYU043	0	0.02	93.439	0.025	7.102	1.015	Group 3
SYU044	0	0.005	73.183	0.009	6.276	3.532	Group 3
SYU046	0	0	93.998	0.059	4.155	0.188	Group 3
SYU047	0	1.724	59.734	35.832	12.334	0.699	Group 3
SYU049	0	0	86.088	0.001	3.099	0.111	Group 3
SYU062	0	0.108	73.838	6.946	8.778	0.551	Group 3
SYU080	0	0.001	84.084	0.009	2.614	0.301	Group 3
SYU084	0	0.002	83.976	6.514	7.078	1.231	Group 3
SYU097	0	0.003	30.321	0.049	2.467	0.416	Group 3
SYU100	0	0	89.535	0.001	2.654	0.11	Group 3
SYU101	0	0	80.616	0	2.364	0.179	Group 3
SYU104	0	0	98.556	0.059	5.004	0.304	Group 3
SYU105	0	0	41.479	0.002	3.409	0.242	Group 3
SYU117	0	0	87.923	1.302	6.458	0.918	Group 3
SYU133	0	0.011	48.569	0	2.038	0.962	Group 3
SYU148	0	0.387	70.416	0.003	4.122	1.887	Group 3

Membership probabilities for samples in group: Group 4							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU001	0.355	0.006	0.162	30.974	9.914	0.331	Group 4
SYU006	0.432	0.017	0.306	61.312	15.126	0.353	Group 4
SYU009	0	1.089	4.886	70.682	32.071	1.994	Group 4
SYU010	0	0.705	0.706	49.528	32.515	0.337	Group 4
SYU013	0.145	25.554	5.634	90.237	18.083	0.643	Group 4
SYU045	0	4.289	7.502	40.641	22.416	1.276	Group 4
SYU051	0.013	0.025	0.1	39.633	16.916	0.345	Group 4
SYU059	1.652	0	0.009	53.408	15.663	1.628	Group 4
SYU072	0	3.4	2.405	38.7	23.516	1.95	Group 4
SYU077	0.197	0.176	0.494	87.034	37.671	0.591	Group 4
SYU087	0.436	0.438	0.347	81.075	21.513	1.545	Group 4
SYU090	17.235	0.011	0.071	54.928	19.198	0.494	Group 4
SYU092	11.606	0.031	0.336	67.152	19.644	0.341	Group 4
SYU096	0.042	3.143	1.261	82.764	33.319	0.954	Group 4
SYU151	0	0.878	0.444	91.225	40.758	4.61	Group 4
SYU152	0.001	16.525	4.217	88.991	22.893	1.326	Group 4
SYU153	0	2.421	1.252	90.997	52.91	2.678	Group 4
SYU155	0.002	0.027	0.035	77.932	10.762	3.752	Group 4
SYU156	0	1.806	2.298	46.958	29.332	1.921	Group 4
SYU157	0	0.711	0.361	98.513	37.944	1.645	Group 4
SYU158	0	2.751	0.949	78.864	43.376	4.613	Group 4
SYU159	0.027	1.246	0.179	58.098	19.777	4.94	Group 4
SYU161	0	0.352	0.093	54.565	35.532	1.054	Group 4
SYU164	0.539	29.01	2.278	53.52	20.548	1.62	Group 4
SYU165	0.019	0.099	0.194	74.868	15.267	1.676	Group 4
SYU166	4.033	10.97	1.781	50.135	13.522	0.266	Group 4
SYU168	0	13.047	5.368	52.187	32.51	0.816	Group 4
SYU181	0.001	33.979	13.452	79.139	21.072	0.333	Group 4
SYU183	0.03	5.092	3.19	37.142	12.356	0.227	Group 4
SYU187	0.002	17.453	12.617	62.855	21.575	0.283	Group 4
SYU188	0.147	0.009	0.011	35.043	13.855	1.596	Group 4
Membership probabilities for samples in group: Group 5							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU008	0	0.073	0.878	5.533	55.046	2.792	Group 5
SYU011	0	0.003	0.301	0.103	41.006	0.763	Group 5
SYU012	0	0.138	1.138	0.794	99.044	1.003	Group 5
SYU048	0	0.003	0.381	2.208	79.462	3.791	Group 5
SYU060	0	2.605	4.774	0.769	49.921	0.338	Group 5
SYU083	0	0.523	0.216	1.561	13.163	0.669	Group 5
SYU103	0	0.007	0.17	0.749	22.968	1.851	Group 5
SYU150	0	0.002	1.771	8.535	33.835	6.238	Group 5

ANID	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Best Group
SYU154	0	0.003	0.068	1.007	32.02	2.979	Group 5
Membership probabilities for samples in group: Group 6							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU068	0	0	0	0	2.007	8.24	Group 6
SYU170	0.005	0	0	0.017	3.869	85.085	Group 6
SYU174	0.063	0	0	0.165	5.684	95.583	Group 6
SYU175	0	0	0	0.007	3.01	9.685	Group 6
SYU176	0.002	0	0.002	0.211	11.285	5.778	Group 5
SYU179	0.008	0	0	0.008	2.306	3.563	Group 6
SYU180	0.174	0	0	0.027	8.215	33.839	Group 6
SYU182	0.194	0	0	0.038	5.133	71.648	Group 6
SYU185	0.093	0	0.001	0.812	7.049	76.619	Group 6
Membership probabilities for samples in group: Outlier							
ANID	**Group 1**	**Group 2**	**Group 3**	**Group 4**	**Group 5**	**Group 6**	**Best Group**
SYU004	0	0	0.62	0	1.565	0.146	Group 5
SYU017	0	0.02	0.112	0.299	5.938	0.722	Group 5
SYU020	0	1.384	22.034	0	2.565	0.221	Group 3
SYU022	0	0	2.623	0	1.132	0.072	Group 3
SYU025	0.524	0.018	0.001	0	3.815	0.084	Group 5
SYU026	0	0.003	0.004	0.001	6.673	0.303	Group 5
SYU037	1.54	0.148	0.126	1.331	19.963	8.344	Group 5
SYU041	0.004	4.386	4.771	0.003	8.577	1.158	Group 5
SYU042	0	0	0.148	0.007	3.438	0.626	Group 5
SYU061	1.665	0.026	0.001	0	4.451	0.103	Group 5
SYU070	0	0.001	0.001	0.002	3.824	0.765	Group 5
SYU076	0.467	0.367	0.368	30.567	11.014	0.356	Group 4
SYU085	0	0	0	0	0.943	0.062	Group 5
SYU094	16.257	0.068	0.241	0.003	4.8	0.773	Group 1
SYU102	0	0.702	1.264	0.003	13.795	1.25	Group 5
SYU125	1.888	0	0.003	0	4.574	1.422	Group 5
SYU139	0.738	0.001	0.045	0.052	10.438	2.015	Group 5
SYU141	0	0.03	20.996	0	3.11	0.693	Group 3
SYU145	0.424	0	0.007	0.09	5.922	7.678	Group 6
SYU160	0	0	6.006	0.689	7.544	1.106	Group 5
SYU162	0.03	0	0.005	0.399	6.512	0.248	Group 5
SYU163	2.529	3.655	1.768	14.994	12.424	1.657	Group 4
SYU167	1.11	0.01	0.018	1.848	6.461	0.154	Group 5
SYU172	0.004	0	0	0.104	3.025	1.365	Group 5
SYU184	0	0.001	0.001	2.695	8.043	1.377	Group 5
SYU186	0.45	0.004	0.221	0	5.685	1.536	Group 5

Table 8: Principal Component Analysis Used in Mahalanobis Distance Calculations

Results of the principal component (PC) analysis on the NAA dataset. Only the first seven PCs are reported as these are the only ones used in the analysis. These seven PCs explain 85.40% of the variance in the dataset.

	PC1	PC2	PC3	PC4	PC5	PC6	PC7
Percent Variance	**29.27%**	**21.19%**	**11.59%**	**8.45%**	**6.48%**	**4.98%**	**3.46%**
Na	-0.151	0.056	0.161	-0.403	-0.051	-0.290	0.544
Al	0.072	0.040	0.075	-0.062	-0.062	-0.025	-0.098
K	0.208	0.017	0.150	-0.205	-0.152	-0.018	-0.233
Ca	-0.152	0.680	-0.297	0.345	0.003	-0.258	0.161
Sc	0.056	0.045	0.124	-0.094	-0.016	-0.027	-0.100
Ti	-0.025	-0.051	0.028	0.002	0.023	-0.021	0.061
V	0.033	-0.017	0.113	-0.184	-0.094	-0.080	-0.044
Cr	0.068	0.010	0.081	-0.081	-0.036	0.010	-0.125
Mn	0.017	0.409	-0.508	-0.459	-0.134	0.303	-0.305
Fe	0.338	-0.002	0.007	-0.052	-0.069	-0.089	0.063
Co	0.106	0.210	0.182	-0.262	0.082	-0.071	-0.063
Ni	0.055	0.166	0.269	0.025	-0.060	0.756	0.249
Zn	0.135	0.124	0.032	-0.131	-0.264	0.082	0.479
As	0.802	0.164	0.017	0.268	0.231	-0.051	0.071
Rb	0.141	-0.007	0.091	-0.164	-0.164	-0.092	-0.089
Sr	-0.145	0.248	0.451	0.374	-0.566	-0.026	-0.244
Zr	-0.103	-0.007	-0.014	0.120	0.097	0.176	0.094
Sb	0.018	-0.016	-0.049	0.018	-0.084	0.221	0.219
Cs	0.046	-0.005	0.096	-0.132	-0.155	-0.056	-0.102
Ba	0.077	0.188	0.037	-0.110	-0.208	-0.200	0.093
La	-0.007	0.066	0.093	-0.037	0.083	-0.026	-0.058
Ce	-0.016	0.070	0.113	-0.033	0.112	-0.021	-0.037
Nd	-0.023	0.096	0.127	-0.059	0.162	-0.024	-0.062
Sm	-0.057	0.159	0.180	-0.081	0.219	-0.026	-0.048
Eu	-0.069	0.180	0.218	-0.085	0.252	0.009	-0.057
Tb	-0.094	0.174	0.216	-0.062	0.296	0.043	-0.026
Dy	-0.072	0.160	0.183	-0.054	0.221	-0.005	-0.031
Yb	-0.066	0.096	0.123	-0.033	0.195	0.039	-0.064
Lu	-0.063	0.084	0.119	-0.033	0.161	0.007	-0.052
Hf	-0.111	-0.004	-0.042	0.096	0.115	0.070	0.045
Ta	-0.050	-0.040	0.005	0.028	0.047	-0.022	0.041
Th	0.009	0.014	0.049	-0.014	0.017	-0.011	-0.056
U	0.013	0.005	0.042	-0.042	0.006	-0.108	0.112
Eigenvalues:	*0.15098*	*0.10928*	*0.05978*	*0.04357*	*0.03344*	*0.0257*	*0.01782*

Appendix F: Supplementary Data for Chapter 8

Table 1: FTIR Peaks from Imported Vessels

This table contains the complete FTIR dataset from the imported vessels, including both the chipped areas tested for residue and the control samples. Peaks listed as "discard" in the "Discarded?" column were discarded because they belonged to the 21 common peak ranges that are likely due to the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution (also see Table 2). Peaks in this column listed as "residue" did not overlap with peaks seen on control samples and making them the best candidates to be from absorbed residues. Peaks with nothing in this column are control samples or peaks from chipped areas that matched peaks from the control samples. The "Discarded Range" column lists peaks the range of peaks the discarded data was associated with. All peak values in cm-1.

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R004	R004-1	R004-1-B1	Chip	3060	Discard	3070-3055
R004	R004-1	R004-1-B1	Chip	3020	Discard	3028-3016
R004	R004-1	R004-1-B1	Chip	2954	Discard	2960-2951
R004	R004-1	R004-1-B1	Chip	2924	Discard	2930-2918
R004	R004-1	R004-1-B1	Chip	2869	Discard	2875-2866
R004	R004-1	R004-1-B1	Chip	2853	Discard	2860-2844
R004	R004-1	R004-1-B1	Chip	2725	Discard	2734-2720
R004	R004-1	R004-1-B1	Chip	1726	Discard	1738-1723
R004	R004-1	R004-1-B1	Chip	1695	Discard	1704-1693
R004	R004-1	R004-1-B1	Chip	1603	Discard	1606-1600
R004	R004-1	R004-1-B1	Chip	1542	Discard	1543-1536
R004	R004-1	R004-1-B1	Chip	1460	Discard	1463-1454
R004	R004-1	R004-1-B1	Chip	1377	Discard	1380-1374
R004	R004-1	R004-1-B1	Chip	900	Discard	913-887
R004	R004-1	R004-1-B1	Chip	757	Discard	769-751
R004	R004-1	R004-1-B1	Chip	699	Discard	705-695
R004	R004-1	R004-1-B2	Chip	3533	Discard	3568-3524
R004	R004-1	R004-1-B2	Chip	3060	Discard	3070-3055
R004	R004-1	R004-1-B2	Chip	3021	Discard	3028-3016
R004	R004-1	R004-1-B2	Chip	2954	Discard	2960-2951
R004	R004-1	R004-1-B2	Chip	2924	Discard	2930-2918
R004	R004-1	R004-1-B2	Chip	2869	Discard	2875-2866
R004	R004-1	R004-1-B2	Chip	2853	Discard	2860-2844
R004	R004-1	R004-1-B2	Chip	2728	Discard	2734-2720
R004	R004-1	R004-1-B2	Chip	1735	Discard	1738-1723
R004	R004-1	R004-1-B2	Chip	1701	Discard	1704-1693
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R004	R004-1	R004-1-B2	Chip	1603	Discard	1606-1600
R004	R004-1	R004-1-B2	Chip	1536	Discard	1543-1536
R004	R004-1	R004-1-B2	Chip	1512		
R004	R004-1	R004-1-B2	Chip	1490		
R004	R004-1	R004-1-B2	Chip	1457	Discard	1463-1454
R004	R004-1	R004-1-B2	Chip	1377	Discard	1380-1374
R004	R004-1	R004-1-B2	Chip	1307	Discard	1310-1306
R004	R004-1	R004-1-B2	Chip	1273	Discard	1276-1266
R004	R004-1	R004-1-B2	Chip	1246	Discard	1252-1246
R004	R004-1	R004-1-B2	Chip	891	Discard	913-887
R004	R004-1	R004-1-B2	Chip	756	Discard	769-751
R004	R004-1	R004-1-B2	Chip	699	Discard	705-695
R004	R004-1	R004-1-B3	Chip	3386	Discard	3422-3281
R004	R004-1	R004-1-B3	Chip	3063	Discard	3070-3055
R004	R004-1	R004-1-B3	Chip	3019	Discard	3028-3016
R004	R004-1	R004-1-B3	Chip	2951	Discard	2960-2951
R004	R004-1	R004-1-B3	Chip	2924	Discard	2930-2918
R004	R004-1	R004-1-B3	Chip	2866	Discard	2875-2866
R004	R004-1	R004-1-B3	Chip	2853	Discard	2860-2844
R004	R004-1	R004-1-B3	Chip	1729	Discard	1738-1723
R004	R004-1	R004-1-B3	Chip	1698	Discard	1704-1693
R004	R004-1	R004-1-B3	Chip	1610		
R004	R004-1	R004-1-B3	Chip	1539	Discard	1543-1536
R004	R004-1	R004-1-B3	Chip	1460	Discard	1463-1454
R004	R004-1	R004-1-B3	Chip	1380	Discard	1380-1374
R004	R004-1	R004-1-B3	Chip	899	Discard	913-887
R004	R004-1	R004-1-B3	Chip	766	Discard	769-751
R004	R004-BODY	R004-BODY-B1	Body	3531	Discard	3568-3524
R004	R004-BODY	R004-BODY-B1	Body	3063	Discard	3070-3055
R004	R004-BODY	R004-BODY-B1	Body	3016	Discard	3028-3016
R004	R004-BODY	R004-BODY-B1	Body	2954	Discard	2960-2951
R004	R004-BODY	R004-BODY-B1	Body	2924	Discard	2930-2918
R004	R004-BODY	R004-BODY-B1	Body	2869	Discard	2875-2866
R004	R004-BODY	R004-BODY-B1	Body	2853	Discard	2860-2844
R004	R004-BODY	R004-BODY-B1	Body	2728	Discard	2734-2720
R004	R004-BODY	R004-BODY-B1	Body	1723	Discard	1738-1723
R004	R004-BODY	R004-BODY-B1	Body	1698	Discard	1704-1693
R004	R004-BODY	R004-BODY-B1	Body	1603	Discard	1606-1600
R004	R004-BODY	R004-BODY-B1	Body	1539	Discard	1543-1536
R004	R004-BODY	R004-BODY-B1	Body	1496	Discard	1497-1493
R004	R004-BODY	R004-BODY-B1	Body	1457	Discard	1463-1454
R004	R004-BODY	R004-BODY-B1	Body	1377	Discard	1380-1374
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R004	R004-BODY	R004-BODY-B1	Body	1307	Discard	1310-1306
R004	R004-BODY	R004-BODY-B1	Body	1267	Discard	1276-1266
R004	R004-BODY	R004-BODY-B1	Body	1249	Discard	1252-1246
R004	R004-BODY	R004-BODY-B1	Body	889	Discard	913-887
R004	R004-BODY	R004-BODY-B1	Body	754	Discard	769-751
R004	R004-BODY	R004-BODY-B1	Body	702	Discard	705-695
R004	R004-BODY	R004-BODY-B2	Body	3531	Discard	3568-3524
R004	R004-BODY	R004-BODY-B2	Body	3063	Discard	3070-3055
R004	R004-BODY	R004-BODY-B2	Body	3019	Discard	3028-3016
R004	R004-BODY	R004-BODY-B2	Body	2954	Discard	2960-2951
R004	R004-BODY	R004-BODY-B2	Body	2924	Discard	2930-2918
R004	R004-BODY	R004-BODY-B2	Body	2866	Discard	2875-2866
R004	R004-BODY	R004-BODY-B2	Body	2853	Discard	2860-2844
R004	R004-BODY	R004-BODY-B2	Body	1726	Discard	1738-1723
R004	R004-BODY	R004-BODY-B2	Body	1698	Discard	1704-1693
R004	R004-BODY	R004-BODY-B2	Body	1606	Discard	1606-1600
R004	R004-BODY	R004-BODY-B2	Body	1539	Discard	1543-1536
R004	R004-BODY	R004-BODY-B2	Body	1460	Discard	1463-1454
R004	R004-BODY	R004-BODY-B2	Body	1380	Discard	1380-1374
R004	R004-BODY	R004-BODY-B2	Body	1307	Discard	1310-1306
R004	R004-BODY	R004-BODY-B2	Body	1270	Discard	1276-1266
R004	R004-BODY	R004-BODY-B2	Body	904	Discard	913-887
R004	R004-BODY	R004-BODY-B2	Body	766	Discard	769-751
R004	R004-BODY	R004-BODY-B3	Body	3066	Discard	3070-3055
R004	R004-BODY	R004-BODY-B3	Body	3021	Discard	3028-3016
R004	R004-BODY	R004-BODY-B3	Body	2951	Discard	2960-2951
R004	R004-BODY	R004-BODY-B3	Body	2921	Discard	2930-2918
R004	R004-BODY	R004-BODY-B3	Body	2866	Discard	2875-2866
R004	R004-BODY	R004-BODY-B3	Body	2853	Discard	2860-2844
R004	R004-BODY	R004-BODY-B3	Body	2719	Discard	2734-2720
R004	R004-BODY	R004-BODY-B3	Body	1726	Discard	1738-1723
R004	R004-BODY	R004-BODY-B3	Body	1698	Discard	1704-1693
R004	R004-BODY	R004-BODY-B3	Body	1606	Discard	1606-1600
R004	R004-BODY	R004-BODY-B3	Body	1536	Discard	1543-1536
R004	R004-BODY	R004-BODY-B3	Body	1460	Discard	1463-1454
R004	R004-BODY	R004-BODY-B3	Body	1377	Discard	1380-1374
R004	R004-BODY	R004-BODY-B3	Body	1310	Discard	1310-1306
R004	R004-BODY	R004-BODY-B3	Body	1267	Discard	1276-1266
R004	R004-BODY	R004-BODY-B3	Body	899	Discard	913-887
R004	R004-BODY	R004-BODY-B3	Body	759	Discard	769-751
R004	R004-BODY	R004-BODY-B3	Body	702	Discard	705-695
R005	R005-1	R005-1-B1	Chip	2954	Discard	2960-2951
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R005	R005-1	R005-1-B1	Chip	2924	Discard	2930-2918
R005	R005-1	R005-1-B1	Chip	2869	Discard	2875-2866
R005	R005-1	R005-1-B1	Chip	2853	Discard	2860-2844
R005	R005-1	R005-1-B1	Chip	1729	Discard	1738-1723
R005	R005-1	R005-1-B1	Chip	1701	Discard	1704-1693
R005	R005-1	R005-1-B1	Chip	1603	Discard	1606-1600
R005	R005-1	R005-1-B1	Chip	1539	Discard	1543-1536
R005	R005-1	R005-1-B1	Chip	1460	Discard	1463-1454
R005	R005-1	R005-1-B1	Chip	1396		
R005	R005-1	R005-1-B1	Chip	1377	Discard	1380-1374
R005	R005-1	R005-1-B1	Chip	907	Discard	913-887
R005	R005-1	R005-1-B1	Chip	766	Discard	769-751
R005	R005-1	R005-1-B2	Chip	3529	Discard	3568-3524
R005	R005-1	R005-1-B2	Chip	3324	Discard	3422-3281
R005	R005-1	R005-1-B2	Chip	3064	Discard	3070-3055
R005	R005-1	R005-1-B2	Chip	3025	Discard	3028-3016
R005	R005-1	R005-1-B2	Chip	2954	Discard	2960-2951
R005	R005-1	R005-1-B2	Chip	2921	Discard	2930-2918
R005	R005-1	R005-1-B2	Chip	2869	Discard	2875-2866
R005	R005-1	R005-1-B2	Chip	2857	Discard	2860-2844
R005	R005-1	R005-1-B2	Chip	2731	Discard	2734-2720
R005	R005-1	R005-1-B2	Chip	1735	Discard	1738-1723
R005	R005-1	R005-1-B2	Chip	1698	Discard	1704-1693
R005	R005-1	R005-1-B2	Chip	1603	Discard	1606-1600
R005	R005-1	R005-1-B2	Chip	1539	Discard	1543-1536
R005	R005-1	R005-1-B2	Chip	1515		
R005	R005-1	R005-1-B2	Chip	1496	Discard	1497-1493
R005	R005-1	R005-1-B2	Chip	1457	Discard	1463-1454
R005	R005-1	R005-1-B2	Chip	1377	Discard	1380-1374
R005	R005-1	R005-1-B2	Chip	1307	Discard	1310-1306
R005	R005-1	R005-1-B2	Chip	1267	Discard	1276-1266
R005	R005-1	R005-1-B2	Chip	1252	Discard	1252-1246
R005	R005-1	R005-1-B2	Chip	897	Discard	913-887
R005	R005-1	R005-1-B2	Chip	757	Discard	769-751
R005	R005-1	R005-1-B3	Chip	2957	Discard	2960-2951
R005	R005-1	R005-1-B3	Chip	2924	Discard	2930-2918
R005	R005-1	R005-1-B3	Chip	2872	Discard	2875-2866
R005	R005-1	R005-1-B3	Chip	2853	Discard	2860-2844
R005	R005-1	R005-1-B3	Chip	1539	Discard	1543-1536
R005	R005-1	R005-1-B3	Chip	1460	Discard	1463-1454
R005	R005-1	R005-1-B3	Chip	1380	Discard	1380-1374
R005	R005-1	R005-1-B3	Chip	913	Discard	913-887
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R005	R005-1	R005-1-B3	Chip	766	Discard	769-751
R005	R005-BODY	R005-BODY-B1	Body	2951	Discard	2960-2951
R005	R005-BODY	R005-BODY-B1	Body	2921	Discard	2930-2918
R005	R005-BODY	R005-BODY-B1	Body	2869	Discard	2875-2866
R005	R005-BODY	R005-BODY-B1	Body	2857	Discard	2860-2844
R005	R005-BODY	R005-BODY-B1	Body	1732	Discard	1738-1723
R005	R005-BODY	R005-BODY-B1	Body	1695	Discard	1704-1693
R005	R005-BODY	R005-BODY-B1	Body	1600	Discard	1606-1600
R005	R005-BODY	R005-BODY-B1	Body	1539	Discard	1543-1536
R005	R005-BODY	R005-BODY-B1	Body	1515		
R005	R005-BODY	R005-BODY-B1	Body	1493	Discard	1497-1493
R005	R005-BODY	R005-BODY-B1	Body	1454	Discard	1463-1454
R005	R005-BODY	R005-BODY-B1	Body	1374	Discard	1380-1374
R005	R005-BODY	R005-BODY-B1	Body	1304		
R005	R005-BODY	R005-BODY-B1	Body	1270	Discard	1276-1266
R005	R005-BODY	R005-BODY-B1	Body	1252	Discard	1252-1246
R005	R005-BODY	R005-BODY-B1	Body	904	Discard	913-887
R005	R005-BODY	R005-BODY-B1	Body	760	Discard	769-751
R005	R005-BODY	R005-BODY-B1	Body	699	Discard	705-695
R005	R005-BODY	R005-BODY-B2	Body	2954	Discard	2960-2951
R005	R005-BODY	R005-BODY-B2	Body	2921	Discard	2930-2918
R005	R005-BODY	R005-BODY-B2	Body	2869	Discard	2875-2866
R005	R005-BODY	R005-BODY-B2	Body	2850	Discard	2860-2844
R005	R005-BODY	R005-BODY-B2	Body	1729	Discard	1738-1723
R005	R005-BODY	R005-BODY-B2	Body	1695	Discard	1704-1693
R005	R005-BODY	R005-BODY-B2	Body	1606	Discard	1606-1600
R005	R005-BODY	R005-BODY-B2	Body	1539	Discard	1543-1536
R005	R005-BODY	R005-BODY-B2	Body	1460	Discard	1463-1454
R005	R005-BODY	R005-BODY-B2	Body	1399		
R005	R005-BODY	R005-BODY-B2	Body	1377	Discard	1380-1374
R005	R005-BODY	R005-BODY-B2	Body	1307	Discard	1310-1306
R005	R005-BODY	R005-BODY-B2	Body	1267	Discard	1276-1266
R005	R005-BODY	R005-BODY-B2	Body	900	Discard	913-887
R005	R005-BODY	R005-BODY-B2	Body	757	Discard	769-751
R005	R005-BODY	R005-BODY-B2	Body	699	Discard	705-695
R005	R005-BODY	R005-BODY-B3	Body	2954	Discard	2960-2951
R005	R005-BODY	R005-BODY-B3	Body	2921	Discard	2930-2918
R005	R005-BODY	R005-BODY-B3	Body	2853	Discard	2860-2844
R005	R005-BODY	R005-BODY-B3	Body	1729	Discard	1738-1723
R005	R005-BODY	R005-BODY-B3	Body	1698	Discard	1704-1693
R005	R005-BODY	R005-BODY-B3	Body	1646		
R005	R005-BODY	R005-BODY-B3	Body	1603	Discard	1606-1600
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R005	R005-BODY	R005-BODY-B3	Body	1539	Discard	1543-1536
R005	R005-BODY	R005-BODY-B3	Body	1515		
R005	R005-BODY	R005-BODY-B3	Body	1496	Discard	1497-1493
R005	R005-BODY	R005-BODY-B3	Body	1460	Discard	1463-1454
R005	R005-BODY	R005-BODY-B3	Body	1377	Discard	1380-1374
R005	R005-BODY	R005-BODY-B3	Body	1307	Discard	1310-1306
R005	R005-BODY	R005-BODY-B3	Body	1267	Discard	1276-1266
R005	R005-BODY	R005-BODY-B3	Body	1249	Discard	1252-1246
R005	R005-BODY	R005-BODY-B3	Body	897	Discard	913-887
R005	R005-BODY	R005-BODY-B3	Body	754	Discard	769-751
R005	R005-BODY	R005-BODY-B3	Body	699	Discard	705-695
R006	R006-1	R006-1-B1	Chip	3281	Discard	3422-3281
R006	R006-1	R006-1-B1	Chip	2951	Discard	2960-2951
R006	R006-1	R006-1-B1	Chip	2920	Discard	2930-2918
R006	R006-1	R006-1-B1	Chip	2867	Discard	2875-2866
R006	R006-1	R006-1-B1	Chip	2852	Discard	2860-2844
R006	R006-1	R006-1-B1	Chip	1726	Discard	1738-1723
R006	R006-1	R006-1-B1	Chip	1652		
R006	R006-1	R006-1-B1	Chip	1542	Discard	1543-1536
R006	R006-1	R006-1-B1	Chip	1377	Discard	1380-1374
R006	R006-1	R006-1-B1	Chip	1310	Discard	1310-1306
R006	R006-1	R006-1-B1	Chip	1270	Discard	1276-1266
R006	R006-1	R006-1-B1	Chip	1249	Discard	1252-1246
R006	R006-1	R006-1-B1	Chip	1169		
R006	R006-1	R006-1-B1	Chip	1108	Residue	
R006	R006-1	R006-1-B1	Chip	960		
R006	R006-1	R006-1-B1	Chip	903	Discard	913-887
R006	R006-1	R006-1-B1	Chip	891	Discard	913-887
R006	R006-1	R006-1-B1	Chip	754	Discard	769-751
R006	R006-1	R006-1-B1	Chip	702	Discard	705-695
R006	R006-1	R006-1-B1	Chip	702	Discard	705-695
R006	R006-1	R006-1-B2	Chip	2954	Discard	2960-2951
R006	R006-1	R006-1-B2	Chip	2924	Discard	2930-2918
R006	R006-1	R006-1-B2	Chip	2872	Discard	2875-2866
R006	R006-1	R006-1-B2	Chip	2857	Discard	2860-2844
R006	R006-1	R006-1-B2	Chip	1729	Discard	1738-1723
R006	R006-1	R006-1-B2	Chip	1698	Discard	1704-1693
R006	R006-1	R006-1-B2	Chip	1606	Discard	1606-1600
R006	R006-1	R006-1-B2	Chip	1539	Discard	1543-1536
R006	R006-1	R006-1-B2	Chip	1457	Discard	1463-1454
R006	R006-1	R006-1-B2	Chip	1377	Discard	1380-1374
R006	R006-1	R006-1-B2	Chip	1310	Discard	1310-1306
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R006	R006-1	R006-1-B2	Chip	1267	Discard	1276-1266
R006	R006-1	R006-1-B2	Chip	904	Discard	913-887
R006	R006-1	R006-1-B2	Chip	766	Discard	769-751
R006	R006-1	R006-1-B3	Chip	3361	Discard	3422-3281
R006	R006-1	R006-1-B3	Chip	3061	Discard	3070-3055
R006	R006-1	R006-1-B3	Chip	3021	Discard	3028-3016
R006	R006-1	R006-1-B3	Chip	2951	Discard	2960-2951
R006	R006-1	R006-1-B3	Chip	2921	Discard	2930-2918
R006	R006-1	R006-1-B3	Chip	2869	Discard	2875-2866
R006	R006-1	R006-1-B3	Chip	2853	Discard	2860-2844
R006	R006-1	R006-1-B3	Chip	2728	Discard	2734-2720
R006	R006-1	R006-1-B3	Chip	1726	Discard	1738-1723
R006	R006-1	R006-1-B3	Chip	1698	Discard	1704-1693
R006	R006-1	R006-1-B3	Chip	1603	Discard	1606-1600
R006	R006-1	R006-1-B3	Chip	1539	Discard	1543-1536
R006	R006-1	R006-1-B3	Chip	1496	Discard	1497-1493
R006	R006-1	R006-1-B3	Chip	1457	Discard	1463-1454
R006	R006-1	R006-1-B3	Chip	1396		
R006	R006-1	R006-1-B3	Chip	1374	Discard	1380-1374
R006	R006-1	R006-1-B3	Chip	1307	Discard	1310-1306
R006	R006-1	R006-1-B3	Chip	1270	Discard	1276-1266
R006	R006-1	R006-1-B3	Chip	1249	Discard	1252-1246
R006	R006-1	R006-1-B3	Chip	899	Discard	913-887
R006	R006-1	R006-1-B3	Chip	759	Discard	769-751
R006	R006-1	R006-1-B3	Chip	702	Discard	705-695
R006	R006-2	R006-2-B1	Chip	3358	Discard	3422-3281
R006	R006-2	R006-2-B1	Chip	2957	Discard	2960-2951
R006	R006-2	R006-2-B1	Chip	2924	Discard	2930-2918
R006	R006-2	R006-2-B1	Chip	2872	Discard	2875-2866
R006	R006-2	R006-2-B1	Chip	2850	Discard	2860-2844
R006	R006-2	R006-2-B1	Chip	1732	Discard	1738-1723
R006	R006-2	R006-2-B1	Chip	1698	Discard	1704-1693
R006	R006-2	R006-2-B1	Chip	1606	Discard	1606-1600
R006	R006-2	R006-2-B1	Chip	1542	Discard	1543-1536
R006	R006-2	R006-2-B1	Chip	1457	Discard	1463-1454
R006	R006-2	R006-2-B1	Chip	1377	Discard	1380-1374
R006	R006-2	R006-2-B1	Chip	1304		
R006	R006-2	R006-2-B1	Chip	907	Discard	913-887
R006	R006-2	R006-2-B1	Chip	766	Discard	769-751
R006	R006-2	R006-2-B2	Chip	3358	Discard	3422-3281
R006	R006-2	R006-2-B2	Chip	2954	Discard	2960-2951
R006	R006-2	R006-2-B2	Chip	2924	Discard	2930-2918
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R006	R006-2	R006-2-B2	Chip	2869	Discard	2875-2866
R006	R006-2	R006-2-B2	Chip	2850	Discard	2860-2844
R006	R006-2	R006-2-B2	Chip	1732	Discard	1738-1723
R006	R006-2	R006-2-B2	Chip	1698	Discard	1704-1693
R006	R006-2	R006-2-B2	Chip	1539	Discard	1543-1536
R006	R006-2	R006-2-B2	Chip	1460	Discard	1463-1454
R006	R006-2	R006-2-B2	Chip	1380	Discard	1380-1374
R006	R006-2	R006-2-B2	Chip	907	Discard	913-887
R006	R006-2	R006-2-B2	Chip	766	Discard	769-751
R006	R006-2	R006-2-B3	Chip	2954	Discard	2960-2951
R006	R006-2	R006-2-B3	Chip	2924	Discard	2930-2918
R006	R006-2	R006-2-B3	Chip	2872	Discard	2875-2866
R006	R006-2	R006-2-B3	Chip	2850	Discard	2860-2844
R006	R006-2	R006-2-B3	Chip	1735	Discard	1738-1723
R006	R006-2	R006-2-B3	Chip	1701	Discard	1704-1693
R006	R006-2	R006-2-B3	Chip	1539	Discard	1543-1536
R006	R006-2	R006-2-B3	Chip	1463	Discard	1463-1454
R006	R006-2	R006-2-B3	Chip	1380	Discard	1380-1374
R006	R006-2	R006-2-B3	Chip	910	Discard	913-887
R006	R006-2	R006-2-B3	Chip	766	Discard	769-751
R006	R006-BODY	R006-BODY-B1	Body	3532	Discard	3568-3524
R006	R006-BODY	R006-BODY-B1	Body	3061	Discard	3070-3055
R006	R006-BODY	R006-BODY-B1	Body	3022	Discard	3028-3016
R006	R006-BODY	R006-BODY-B1	Body	2957	Discard	2960-2951
R006	R006-BODY	R006-BODY-B1	Body	2921	Discard	2930-2918
R006	R006-BODY	R006-BODY-B1	Body	2869	Discard	2875-2866
R006	R006-BODY	R006-BODY-B1	Body	2857	Discard	2860-2844
R006	R006-BODY	R006-BODY-B1	Body	2728	Discard	2734-2720
R006	R006-BODY	R006-BODY-B1	Body	1732	Discard	1738-1723
R006	R006-BODY	R006-BODY-B1	Body	1698	Discard	1704-1693
R006	R006-BODY	R006-BODY-B1	Body	1606	Discard	1606-1600
R006	R006-BODY	R006-BODY-B1	Body	1539	Discard	1543-1536
R006	R006-BODY	R006-BODY-B1	Body	1515		
R006	R006-BODY	R006-BODY-B1	Body	1493	Discard	1497-1493
R006	R006-BODY	R006-BODY-B1	Body	1457	Discard	1463-1454
R006	R006-BODY	R006-BODY-B1	Body	1377	Discard	1380-1374
R006	R006-BODY	R006-BODY-B1	Body	1307	Discard	1310-1306
R006	R006-BODY	R006-BODY-B1	Body	1273	Discard	1276-1266
R006	R006-BODY	R006-BODY-B1	Body	1249	Discard	1252-1246
R006	R006-BODY	R006-BODY-B1	Body	888	Discard	913-887
R006	R006-BODY	R006-BODY-B1	Body	751	Discard	769-751
R006	R006-BODY	R006-BODY-B1	Body	702	Discard	705-695
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R006	R006-BODY	R006-BODY-B2	Body	2954	Discard	2960-2951
R006	R006-BODY	R006-BODY-B2	Body	2924	Discard	2930-2918
R006	R006-BODY	R006-BODY-B2	Body	2869	Discard	2875-2866
R006	R006-BODY	R006-BODY-B2	Body	2857	Discard	2860-2844
R006	R006-BODY	R006-BODY-B2	Body	1735	Discard	1738-1723
R006	R006-BODY	R006-BODY-B2	Body	1695	Discard	1704-1693
R006	R006-BODY	R006-BODY-B2	Body	1606	Discard	1606-1600
R006	R006-BODY	R006-BODY-B2	Body	1542	Discard	1543-1536
R006	R006-BODY	R006-BODY-B2	Body	1460	Discard	1463-1454
R006	R006-BODY	R006-BODY-B2	Body	1377	Discard	1380-1374
R006	R006-BODY	R006-BODY-B2	Body	1307	Discard	1310-1306
R006	R006-BODY	R006-BODY-B2	Body	1273	Discard	1276-1266
R006	R006-BODY	R006-BODY-B2	Body	897	Discard	913-887
R006	R006-BODY	R006-BODY-B2	Body	763	Discard	769-751
R006	R006-BODY	R006-BODY-B2	Body	699	Discard	705-695
R006	R006-BODY	R006-BODY-B3	Body	3067	Discard	3070-3055
R006	R006-BODY	R006-BODY-B3	Body	3025	Discard	3028-3016
R006	R006-BODY	R006-BODY-B3	Body	2951	Discard	2960-2951
R006	R006-BODY	R006-BODY-B3	Body	2921	Discard	2930-2918
R006	R006-BODY	R006-BODY-B3	Body	2869	Discard	2875-2866
R006	R006-BODY	R006-BODY-B3	Body	2850	Discard	2860-2844
R006	R006-BODY	R006-BODY-B3	Body	2728	Discard	2734-2720
R006	R006-BODY	R006-BODY-B3	Body	1729	Discard	1738-1723
R006	R006-BODY	R006-BODY-B3	Body	1698	Discard	1704-1693
R006	R006-BODY	R006-BODY-B3	Body	1606	Discard	1606-1600
R006	R006-BODY	R006-BODY-B3	Body	1539	Discard	1543-1536
R006	R006-BODY	R006-BODY-B3	Body	1460	Discard	1463-1454
R006	R006-BODY	R006-BODY-B3	Body	1377	Discard	1380-1374
R006	R006-BODY	R006-BODY-B3	Body	1310	Discard	1310-1306
R006	R006-BODY	R006-BODY-B3	Body	1267	Discard	1276-1266
R006	R006-BODY	R006-BODY-B3	Body	1020		
R006	R006-BODY	R006-BODY-B3	Body	987		
R006	R006-BODY	R006-BODY-B3	Body	968		
R006	R006-BODY	R006-BODY-B3	Body	784		
R006	R006-BODY	R006-BODY-B3	Body	748		
R006	R006-BODY	R006-BODY-B3	Body	699	Discard	705-695
R007	R007-1	R007-1-B1	Chip	3063	Discard	3070-3055
R007	R007-1	R007-1-B1	Chip	3021	Discard	3028-3016
R007	R007-1	R007-1-B1	Chip	2953	Discard	2960-2951
R007	R007-1	R007-1-B1	Chip	2925	Discard	2930-2918
R007	R007-1	R007-1-B1	Chip	2870	Discard	2875-2866
R007	R007-1	R007-1-B1	Chip	2855	Discard	2860-2844
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R007	R007-1	R007-1-B1	Chip	1728	Discard	1738-1723
R007	R007-1	R007-1-B1	Chip	1697	Discard	1704-1693
R007	R007-1	R007-1-B1	Chip	1543	Discard	1543-1536
R007	R007-1	R007-1-B1	Chip	1460	Discard	1463-1454
R007	R007-1	R007-1-B1	Chip	1377	Discard	1380-1374
R007	R007-1	R007-1-B1	Chip	904	Discard	913-887
R007	R007-1	R007-1-B1	Chip	766	Discard	769-751
R007	R007-1	R007-1-B1	Chip	697	Discard	705-695
R007	R007-1	R007-1-B2	Chip	3063	Discard	3070-3055
R007	R007-1	R007-1-B2	Chip	3019	Discard	3028-3016
R007	R007-1	R007-1-B2	Chip	2954	Discard	2960-2951
R007	R007-1	R007-1-B2	Chip	2924	Discard	2930-2918
R007	R007-1	R007-1-B2	Chip	2869	Discard	2875-2866
R007	R007-1	R007-1-B2	Chip	2853	Discard	2860-2844
R007	R007-1	R007-1-B2	Chip	2728	Discard	2734-2720
R007	R007-1	R007-1-B2	Chip	1732	Discard	1738-1723
R007	R007-1	R007-1-B2	Chip	1698	Discard	1704-1693
R007	R007-1	R007-1-B2	Chip	1539	Discard	1543-1536
R007	R007-1	R007-1-B2	Chip	1457	Discard	1463-1454
R007	R007-1	R007-1-B2	Chip	1377	Discard	1380-1374
R007	R007-1	R007-1-B2	Chip	1307	Discard	1310-1306
R007	R007-1	R007-1-B2	Chip	904	Discard	913-887
R007	R007-1	R007-1-B2	Chip	761	Discard	769-751
R007	R007-1	R007-1-B2	Chip	702	Discard	705-695
R007	R007-1	R007-1-B3	Chip	3061	Discard	3070-3055
R007	R007-1	R007-1-B3	Chip	3019	Discard	3028-3016
R007	R007-1	R007-1-B3	Chip	2956	Discard	2960-2951
R007	R007-1	R007-1-B3	Chip	2925	Discard	2930-2918
R007	R007-1	R007-1-B3	Chip	2867	Discard	2875-2866
R007	R007-1	R007-1-B3	Chip	2852	Discard	2860-2844
R007	R007-1	R007-1-B3	Chip	1731	Discard	1738-1723
R007	R007-1	R007-1-B3	Chip	1697	Discard	1704-1693
R007	R007-1	R007-1-B3	Chip	1602	Discard	1606-1600
R007	R007-1	R007-1-B3	Chip	1540	Discard	1543-1536
R007	R007-1	R007-1-B3	Chip	1457	Discard	1463-1454
R007	R007-1	R007-1-B3	Chip	1377	Discard	1380-1374
R007	R007-1	R007-1-B3	Chip	904	Discard	913-887
R007	R007-1	R007-1-B3	Chip	766	Discard	769-751
R007	R007-1	R007-1-B3	Chip	700	Discard	705-695
R007	R007-BODY	R007-BODY-B1	Body	3058	Discard	3070-3055
R007	R007-BODY	R007-BODY-B1	Body	3021	Discard	3028-3016
R007	R007-BODY	R007-BODY-B1	Chip	2951	Discard	2960-2951
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R007	R007-BODY	R007-BODY-B1	Chip	2924	Discard	2930-2918
R007	R007-BODY	R007-BODY-B1	Chip	2869	Discard	2875-2866
R007	R007-BODY	R007-BODY-B1	Chip	2850	Discard	2860-2844
R007	R007-BODY	R007-BODY-B1	Chip	1732	Discard	1738-1723
R007	R007-BODY	R007-BODY-B1	Chip	1698	Discard	1704-1693
R007	R007-BODY	R007-BODY-B1	Chip	1539	Discard	1543-1536
R007	R007-BODY	R007-BODY-B1	Chip	1457	Discard	1463-1454
R007	R007-BODY	R007-BODY-B1	Chip	1380	Discard	1380-1374
R007	R007-BODY	R007-BODY-B1	Body	911	Discard	913-887
R007	R007-BODY	R007-BODY-B1	Body	761	Discard	769-751
R007	R007-BODY	R007-BODY-B1	Body	702	Discard	705-695
R007	R007-BODY	R007-BODY-B2	Body	3058	Discard	3070-3055
R007	R007-BODY	R007-BODY-B2	Body	3021	Discard	3028-3016
R007	R007-BODY	R007-BODY-B2	Chip	1700	Discard	1704-1693
R007	R007-BODY	R007-BODY-B2	Chip	1540	Discard	1543-1536
R007	R007-BODY	R007-BODY-B2	Chip	1463	Discard	1463-1454
R007	R007-BODY	R007-BODY-B2	Chip	1377	Discard	1380-1374
R007	R007-BODY	R007-BODY-B2	Body	907	Discard	913-887
R007	R007-BODY	R007-BODY-B2	Body	769	Discard	769-751
R007	R007-BODY	R007-BODY-B2	Body	697	Discard	705-695
R007	R007-BODY	R007-BODY-B3	Body	3056	Discard	3070-3055
R007	R007-BODY	R007-BODY-B3	Body	3021	Discard	3028-3016
R007	R007-BODY	R007-BODY-B3	Chip	2953	Discard	2960-2951
R007	R007-BODY	R007-BODY-B3	Chip	2925	Discard	2930-2918
R007	R007-BODY	R007-BODY-B3	Chip	2870	Discard	2875-2866
R007	R007-BODY	R007-BODY-B3	Chip	2852	Discard	2860-2844
R007	R007-BODY	R007-BODY-B3	Chip	1697	Discard	1704-1693
R007	R007-BODY	R007-BODY-B3	Chip	1540	Discard	1543-1536
R007	R007-BODY	R007-BODY-B3	Chip	1457	Discard	1463-1454
R007	R007-BODY	R007-BODY-B3	Chip	1377	Discard	1380-1374
R007	R007-BODY	R007-BODY-B3	Body	904	Discard	913-887
R007	R007-BODY	R007-BODY-B3	Body	764	Discard	769-751
R007	R007-BODY	R007-BODY-B3	Body	700	Discard	705-695
R008	R008-1	R008-1-B1	Chip	3026	Discard	3028-3016
R008	R008-1	R008-1-B1	Body	2954	Discard	2960-2951
R008	R008-1	R008-1-B1	Body	2875	Discard	2875-2866
R008	R008-1	R008-1-B1	Body	2857	Discard	2860-2844
R008	R008-1	R008-1-B1	Body	2361		
R008	R008-1	R008-1-B1	Body	2340		
R008	R008-1	R008-1-B1	Body	1729	Discard	1738-1723
R008	R008-1	R008-1-B1	Body	1536	Discard	1543-1536
R008	R008-1	R008-1-B1	Body	1454	Discard	1463-1454
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R008	R008-1	R008-1-B1	Body	1380	Discard	1380-1374
R008	R008-1	R008-1-B1	Chip	1269	Discard	1276-1266
R008	R008-1	R008-1-B1	Chip	904	Discard	913-887
R008	R008-1	R008-1-B1	Chip	766	Discard	769-751
R008	R008-1	R008-1-B1	Chip	695	Discard	705-695
R008	R008-1	R008-1-B1	Chip	571	Residue	
R008	R008-1	R008-1-B2	Chip	3529	Discard	3568-3524
R008	R008-1	R008-1-B2	Chip	3063	Discard	3070-3055
R008	R008-1	R008-1-B2	Chip	3019	Discard	3028-3016
R008	R008-1	R008-1-B2	Body	2951	Discard	2960-2951
R008	R008-1	R008-1-B2	Body	2924	Discard	2930-2918
R008	R008-1	R008-1-B2	Body	2869	Discard	2875-2866
R008	R008-1	R008-1-B2	Body	2853	Discard	2860-2844
R008	R008-1	R008-1-B2	Chip	2728	Discard	2734-2720
R008	R008-1	R008-1-B2	Body	1726	Discard	1738-1723
R008	R008-1	R008-1-B2	Body	1698	Discard	1704-1693
R008	R008-1	R008-1-B2	Body	1603	Discard	1606-1600
R008	R008-1	R008-1-B2	Body	1536	Discard	1543-1536
R008	R008-1	R008-1-B2	Body	1493	Discard	1497-1493
R008	R008-1	R008-1-B2	Body	1460	Discard	1463-1454
R008	R008-1	R008-1-B2	Body	1377	Discard	1380-1374
R008	R008-1	R008-1-B2	Body	1304		
R008	R008-1	R008-1-B2	Body	1267	Discard	1276-1266
R008	R008-1	R008-1-B2	Body	1249	Discard	1252-1246
R008	R008-1	R008-1-B2	Chip	894	Discard	913-887
R008	R008-1	R008-1-B2	Chip	759	Discard	769-751
R008	R008-1	R008-1-B2	Body	702	Discard	705-695
R008	R008-1	R008-1-B3	Body	2957	Discard	2960-2951
R008	R008-1	R008-1-B3	Body	2924	Discard	2930-2918
R008	R008-1	R008-1-B3	Body	2869	Discard	2875-2866
R008	R008-1	R008-1-B3	Body	2853	Discard	2860-2844
R008	R008-1	R008-1-B3	Body	1723	Discard	1738-1723
R008	R008-1	R008-1-B3	Body	1597		
R008	R008-1	R008-1-B3	Body	1539	Discard	1543-1536
R008	R008-1	R008-1-B3	Body	1460	Discard	1463-1454
R008	R008-1	R008-1-B3	Body	1377	Discard	1380-1374
R008	R008-1	R008-1-B3	Body	1307	Discard	1310-1306
R008	R008-1	R008-1-B3	Chip	904	Discard	913-887
R008	R008-1	R008-1-B3	Chip	766	Discard	769-751
R008	R008-1	R008-1-B3	Chip	697	Discard	705-695
R008	R008-BODY	R008-BODY-B1	Body	3370	Discard	3422-3281
R008	R008-BODY	R008-BODY-B1	Body	3064	Discard	3070-3055
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R008	R008-BODY	R008-BODY-B1	Body	3025	Discard	3028-3016
R008	R008-BODY	R008-BODY-B1	Body	2951	Discard	2960-2951
R008	R008-BODY	R008-BODY-B1	Body	2927	Discard	2930-2918
R008	R008-BODY	R008-BODY-B1	Body	2869	Discard	2875-2866
R008	R008-BODY	R008-BODY-B1	Body	2860	Discard	2860-2844
R008	R008-BODY	R008-BODY-B1	Body	1735	Discard	1738-1723
R008	R008-BODY	R008-BODY-B1	Body	1695	Discard	1704-1693
R008	R008-BODY	R008-BODY-B1	Body	1600	Discard	1606-1600
R008	R008-BODY	R008-BODY-B1	Body	1542	Discard	1543-1536
R008	R008-BODY	R008-BODY-B1	Body	1457	Discard	1463-1454
R008	R008-BODY	R008-BODY-B1	Body	1374	Discard	1380-1374
R008	R008-BODY	R008-BODY-B1	Body	1313		
R008	R008-BODY	R008-BODY-B1	Body	1276	Discard	1276-1266
R008	R008-BODY	R008-BODY-B1	Body	904	Discard	913-887
R008	R008-BODY	R008-BODY-B1	Body	766	Discard	769-751
R008	R008-BODY	R008-BODY-B1	Body	669		
R008	R008-BODY	R008-BODY-B2	Body	2957	Discard	2960-2951
R008	R008-BODY	R008-BODY-B2	Body	2927	Discard	2930-2918
R008	R008-BODY	R008-BODY-B2	Body	2869	Discard	2875-2866
R008	R008-BODY	R008-BODY-B2	Body	2853	Discard	2860-2844
R008	R008-BODY	R008-BODY-B2	Body	910	Discard	913-887
R008	R008-BODY	R008-BODY-B2	Body	766	Discard	769-751
R008	R008-BODY	R008-BODY-B3	Body	2954	Discard	2960-2951
R008	R008-BODY	R008-BODY-B3	Body	2924	Discard	2930-2918
R008	R008-BODY	R008-BODY-B3	Body	2869	Discard	2875-2866
R008	R008-BODY	R008-BODY-B3	Body	2850	Discard	2860-2844
R008	R008-BODY	R008-BODY-B3	Body	1735	Discard	1738-1723
R008	R008-BODY	R008-BODY-B3	Body	1695	Discard	1704-1693
R008	R008-BODY	R008-BODY-B3	Body	1603	Discard	1606-1600
R008	R008-BODY	R008-BODY-B3	Body	1536	Discard	1543-1536
R008	R008-BODY	R008-BODY-B3	Body	1460	Discard	1463-1454
R008	R008-BODY	R008-BODY-B3	Body	1377	Discard	1380-1374
R008	R008-BODY	R008-BODY-B3	Body	907	Discard	913-887
R008	R008-BODY	R008-BODY-B3	Body	766	Discard	769-751
R011	R011-1	R011-1-B1	Chip	3063	Discard	3070-3055
R011	R011-1	R011-1-B1	Chip	3019	Discard	3028-3016
R011	R011-1	R011-1-B1	Chip	2954	Discard	2960-2951
R011	R011-1	R011-1-B1	Chip	2921	Discard	2930-2918
R011	R011-1	R011-1-B1	Chip	2869	Discard	2875-2866
R011	R011-1	R011-1-B1	Chip	2853	Discard	2860-2844
R011	R011-1	R011-1-B1	Chip	2723	Discard	2734-2720
R011	R011-1	R011-1-B1	Chip	1729	Discard	1738-1723
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R011	R011-1	R011-1-B1	Chip	1695	Discard	1704-1693
R011	R011-1	R011-1-B1	Chip	1610		
R011	R011-1	R011-1-B1	Chip	1542	Discard	1543-1536
R011	R011-1	R011-1-B1	Chip	1515		
R011	R011-1	R011-1-B1	Chip	1496	Discard	1497-1493
R011	R011-1	R011-1-B1	Chip	1460	Discard	1463-1454
R011	R011-1	R011-1-B1	Chip	1377	Discard	1380-1374
R011	R011-1	R011-1-B1	Chip	1313		
R011	R011-1	R011-1-B1	Chip	1267	Discard	1276-1266
R011	R011-1	R011-1-B1	Chip	1252	Discard	1252-1246
R011	R011-1	R011-1-B1	Chip	1163		
R011	R011-1	R011-1-B1	Chip	1029		
R011	R011-1	R011-1-B1	Chip	965		
R011	R011-1	R011-1-B1	Chip	882	Residue	
R011	R011-1	R011-1-B1	Chip	797		
R011	R011-1	R011-1-B1	Chip	778		
R011	R011-1	R011-1-B1	Chip	742		
R011	R011-1	R011-1-B1	Chip	699	Discard	705-695
R011	R011-1	R011-1-B1	Chip	567		
R011	R011-1	R011-1-B2	Chip	3058	Discard	3070-3055
R011	R011-1	R011-1-B2	Chip	3021	Discard	3028-3016
R011	R011-1	R011-1-B2	Chip	2951	Discard	2960-2951
R011	R011-1	R011-1-B2	Chip	2924	Discard	2930-2918
R011	R011-1	R011-1-B2	Chip	2866	Discard	2875-2866
R011	R011-1	R011-1-B2	Chip	2853	Discard	2860-2844
R011	R011-1	R011-1-B2	Chip	1732	Discard	1738-1723
R011	R011-1	R011-1-B2	Chip	1698	Discard	1704-1693
R011	R011-1	R011-1-B2	Chip	1606	Discard	1606-1600
R011	R011-1	R011-1-B2	Chip	1539	Discard	1543-1536
R011	R011-1	R011-1-B2	Chip	1457	Discard	1463-1454
R011	R011-1	R011-1-B2	Chip	1380	Discard	1380-1374
R011	R011-1	R011-1-B2	Chip	902	Discard	913-887
R011	R011-1	R011-1-B2	Chip	766	Discard	769-751
R011	R011-1	R011-1-B2	Chip	700	Discard	705-695
R011	R011-1	R011-1-B3	Chip	3534	Discard	3568-3524
R011	R011-1	R011-1-B3	Chip	3061	Discard	3070-3055
R011	R011-1	R011-1-B3	Chip	3022	Discard	3028-3016
R011	R011-1	R011-1-B3	Chip	2960	Discard	2960-2951
R011	R011-1	R011-1-B3	Chip	2924	Discard	2930-2918
R011	R011-1	R011-1-B3	Chip	2869	Discard	2875-2866
R011	R011-1	R011-1-B3	Chip	2857	Discard	2860-2844
R011	R011-1	R011-1-B3	Chip	2728	Discard	2734-2720
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R011	R011-1	R011-1-B3	Chip	1732	Discard	1738-1723
R011	R011-1	R011-1-B3	Chip	1701	Discard	1704-1693
R011	R011-1	R011-1-B3	Chip	1603	Discard	1606-1600
R011	R011-1	R011-1-B3	Chip	1539	Discard	1543-1536
R011	R011-1	R011-1-B3	Chip	1493	Discard	1497-1493
R011	R011-1	R011-1-B3	Chip	1463	Discard	1463-1454
R011	R011-1	R011-1-B3	Chip	1377	Discard	1380-1374
R011	R011-1	R011-1-B3	Chip	1307	Discard	1310-1306
R011	R011-1	R011-1-B3	Chip	1273	Discard	1276-1266
R011	R011-1	R011-1-B3	Chip	1249	Discard	1252-1246
R011	R011-1	R011-1-B3	Chip	897	Discard	913-887
R011	R011-1	R011-1-B3	Chip	759	Discard	769-751
R011	R011-1	R011-1-B3	Chip	699	Discard	705-695
R011	R011-BODY	R011-BODY-B1	Body	3422	Discard	3422-3281
R011	R011-BODY	R011-BODY-B1	Body	2960	Discard	2960-2951
R011	R011-BODY	R011-BODY-B1	Body	2921	Discard	2930-2918
R011	R011-BODY	R011-BODY-B1	Body	2875	Discard	2875-2866
R011	R011-BODY	R011-BODY-B1	Body	2850	Discard	2860-2844
R011	R011-BODY	R011-BODY-B1	Body	1701	Discard	1704-1693
R011	R011-BODY	R011-BODY-B1	Body	1460	Discard	1463-1454
R011	R011-BODY	R011-BODY-B1	Body	907	Discard	913-887
R011	R011-BODY	R011-BODY-B1	Body	769	Discard	769-751
R011	R011-BODY	R011-BODY-B2	Body	3028	Discard	3028-3016
R011	R011-BODY	R011-BODY-B2	Body	2957	Discard	2960-2951
R011	R011-BODY	R011-BODY-B2	Body	2918	Discard	2930-2918
R011	R011-BODY	R011-BODY-B2	Body	2872	Discard	2875-2866
R011	R011-BODY	R011-BODY-B2	Body	1850		
R011	R011-BODY	R011-BODY-B2	Body	1738	Discard	1738-1723
R011	R011-BODY	R011-BODY-B2	Body	1704	Discard	1704-1693
R011	R011-BODY	R011-BODY-B2	Body	1496	Discard	1497-1493
R011	R011-BODY	R011-BODY-B2	Body	1460	Discard	1463-1454
R011	R011-BODY	R011-BODY-B2	Body	910	Discard	913-887
R011	R011-BODY	R011-BODY-B2	Body	766	Discard	769-751
R011	R011-BODY	R011-BODY-B3	Body	3416	Discard	3422-3281
R011	R011-BODY	R011-BODY-B3	Body	2957	Discard	2960-2951
R011	R011-BODY	R011-BODY-B3	Body	2927	Discard	2930-2918
R011	R011-BODY	R011-BODY-B3	Body	2872	Discard	2875-2866
R011	R011-BODY	R011-BODY-B3	Body	2857	Discard	2860-2844
R011	R011-BODY	R011-BODY-B3	Body	1701	Discard	1704-1693
R011	R011-BODY	R011-BODY-B3	Body	1460	Discard	1463-1454
R011	R011-BODY	R011-BODY-B3	Body	910	Discard	913-887
R011	R011-BODY	R011-BODY-B3	Body	766	Discard	769-751
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R017	R017-1	R017-1-B1	Chip	3535	Discard	3568-3524
R017	R017-1	R017-1-B1	Chip	3061	Discard	3070-3055
R017	R017-1	R017-1-B1	Chip	3022	Discard	3028-3016
R017	R017-1	R017-1-B1	Chip	2954	Discard	2960-2951
R017	R017-1	R017-1-B1	Chip	2924	Discard	2930-2918
R017	R017-1	R017-1-B1	Chip	2866	Discard	2875-2866
R017	R017-1	R017-1-B1	Chip	2853	Discard	2860-2844
R017	R017-1	R017-1-B1	Chip	2358		
R017	R017-1	R017-1-B1	Chip	1738	Discard	1738-1723
R017	R017-1	R017-1-B1	Chip	1698	Discard	1704-1693
R017	R017-1	R017-1-B1	Chip	1603	Discard	1606-1600
R017	R017-1	R017-1-B1	Chip	1539	Discard	1543-1536
R017	R017-1	R017-1-B1	Chip	1496	Discard	1497-1493
R017	R017-1	R017-1-B1	Chip	1457	Discard	1463-1454
R017	R017-1	R017-1-B1	Chip	1380	Discard	1380-1374
R017	R017-1	R017-1-B1	Chip	1307	Discard	1310-1306
R017	R017-1	R017-1-B1	Chip	1270	Discard	1276-1266
R017	R017-1	R017-1-B1	Chip	904	Discard	913-887
R017	R017-1	R017-1-B1	Chip	760	Discard	769-751
R017	R017-1	R017-1-B1	Chip	702	Discard	705-695
R017	R017-1	R017-1-B2	Chip	3061	Discard	3070-3055
R017	R017-1	R017-1-B2	Chip	3025	Discard	3028-3016
R017	R017-1	R017-1-B2	Chip	2954	Discard	2960-2951
R017	R017-1	R017-1-B2	Chip	2924	Discard	2930-2918
R017	R017-1	R017-1-B2	Chip	2869	Discard	2875-2866
R017	R017-1	R017-1-B2	Chip	2857	Discard	2860-2844
R017	R017-1	R017-1-B2	Chip	1735	Discard	1738-1723
R017	R017-1	R017-1-B2	Chip	1698	Discard	1704-1693
R017	R017-1	R017-1-B2	Chip	1606	Discard	1606-1600
R017	R017-1	R017-1-B2	Chip	1539	Discard	1543-1536
R017	R017-1	R017-1-B2	Chip	1496	Discard	1497-1493
R017	R017-1	R017-1-B2	Chip	1460	Discard	1463-1454
R017	R017-1	R017-1-B2	Chip	1377	Discard	1380-1374
R017	R017-1	R017-1-B2	Chip	1307	Discard	1310-1306
R017	R017-1	R017-1-B2	Chip	1270	Discard	1276-1266
R017	R017-1	R017-1-B2	Chip	900	Discard	913-887
R017	R017-1	R017-1-B2	Chip	763	Discard	769-751
R017	R017-1	R017-1-B2	Chip	699	Discard	705-695
R017	R017-1	R017-1-B3	Chip	3535	Discard	3568-3524
R017	R017-1	R017-1-B3	Chip	3061	Discard	3070-3055
R017	R017-1	R017-1-B3	Chip	3019	Discard	3028-3016
R017	R017-1	R017-1-B3	Chip	2954	Discard	2960-2951
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R017	R017-1	R017-1-B3	Chip	2921	Discard	2930-2918
R017	R017-1	R017-1-B3	Chip	2866	Discard	2875-2866
R017	R017-1	R017-1-B3	Chip	2853	Discard	2860-2844
R017	R017-1	R017-1-B3	Chip	2728	Discard	2734-2720
R017	R017-1	R017-1-B3	Chip	1732	Discard	1738-1723
R017	R017-1	R017-1-B3	Chip	1698	Discard	1704-1693
R017	R017-1	R017-1-B3	Chip	1603	Discard	1606-1600
R017	R017-1	R017-1-B3	Chip	1539	Discard	1543-1536
R017	R017-1	R017-1-B3	Chip	1515		
R017	R017-1	R017-1-B3	Chip	1493	Discard	1497-1493
R017	R017-1	R017-1-B3	Chip	1457	Discard	1463-1454
R017	R017-1	R017-1-B3	Chip	1374	Discard	1380-1374
R017	R017-1	R017-1-B3	Chip	1310	Discard	1310-1306
R017	R017-1	R017-1-B3	Chip	1276	Discard	1276-1266
R017	R017-1	R017-1-B3	Chip	894	Discard	913-887
R017	R017-1	R017-1-B3	Chip	754	Discard	769-751
R017	R017-1	R017-1-B3	Chip	702	Discard	705-695
R017	R017-BODY	R017-BODY-B1	Body	3064	Discard	3070-3055
R017	R017-BODY	R017-BODY-B1	Body	3025	Discard	3028-3016
R017	R017-BODY	R017-BODY-B1	Body	2954	Discard	2960-2951
R017	R017-BODY	R017-BODY-B1	Body	2921	Discard	2930-2918
R017	R017-BODY	R017-BODY-B1	Body	2866	Discard	2875-2866
R017	R017-BODY	R017-BODY-B1	Body	2850	Discard	2860-2844
R017	R017-BODY	R017-BODY-B1	Body	1729	Discard	1738-1723
R017	R017-BODY	R017-BODY-B1	Body	1698	Discard	1704-1693
R017	R017-BODY	R017-BODY-B1	Body	1603	Discard	1606-1600
R017	R017-BODY	R017-BODY-B1	Body	1539	Discard	1543-1536
R017	R017-BODY	R017-BODY-B1	Body	1493	Discard	1497-1493
R017	R017-BODY	R017-BODY-B1	Body	1460	Discard	1463-1454
R017	R017-BODY	R017-BODY-B1	Body	1399		
R017	R017-BODY	R017-BODY-B1	Body	1380	Discard	1380-1374
R017	R017-BODY	R017-BODY-B1	Body	1310	Discard	1310-1306
R017	R017-BODY	R017-BODY-B1	Body	1270	Discard	1276-1266
R017	R017-BODY	R017-BODY-B1	Body	897	Discard	913-887
R017	R017-BODY	R017-BODY-B1	Body	760	Discard	769-751
R017	R017-BODY	R017-BODY-B1	Body	699	Discard	705-695
R017	R017-BODY	R017-BODY-B2	Body	3364	Discard	3422-3281
R017	R017-BODY	R017-BODY-B2	Body	3064	Discard	3070-3055
R017	R017-BODY	R017-BODY-B2	Body	3025	Discard	3028-3016
R017	R017-BODY	R017-BODY-B2	Body	2954	Discard	2960-2951
R017	R017-BODY	R017-BODY-B2	Body	2921	Discard	2930-2918
R017	R017-BODY	R017-BODY-B2	Body	2866	Discard	2875-2866
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R017	R017-BODY	R017-BODY-B2	Body	2850	Discard	2860-2844
R017	R017-BODY	R017-BODY-B2	Body	1729	Discard	1738-1723
R017	R017-BODY	R017-BODY-B2	Body	1695	Discard	1704-1693
R017	R017-BODY	R017-BODY-B2	Body	1600	Discard	1606-1600
R017	R017-BODY	R017-BODY-B2	Body	1536	Discard	1543-1536
R017	R017-BODY	R017-BODY-B2	Body	1515		
R017	R017-BODY	R017-BODY-B2	Body	1493	Discard	1497-1493
R017	R017-BODY	R017-BODY-B2	Body	1457	Discard	1463-1454
R017	R017-BODY	R017-BODY-B2	Body	1380	Discard	1380-1374
R017	R017-BODY	R017-BODY-B2	Body	1307	Discard	1310-1306
R017	R017-BODY	R017-BODY-B2	Body	1273	Discard	1276-1266
R017	R017-BODY	R017-BODY-B2	Body	1249	Discard	1252-1246
R017	R017-BODY	R017-BODY-B2	Body	891	Discard	913-887
R017	R017-BODY	R017-BODY-B2	Body	760	Discard	769-751
R017	R017-BODY	R017-BODY-B2	Body	702	Discard	705-695
R017	R017-BODY	R017-BODY-B3	Body	3535	Discard	3568-3524
R017	R017-BODY	R017-BODY-B3	Body	3064	Discard	3070-3055
R017	R017-BODY	R017-BODY-B3	Body	2954	Discard	2960-2951
R017	R017-BODY	R017-BODY-B3	Body	2921	Discard	2930-2918
R017	R017-BODY	R017-BODY-B3	Body	2866	Discard	2875-2866
R017	R017-BODY	R017-BODY-B3	Body	2853	Discard	2860-2844
R017	R017-BODY	R017-BODY-B3	Body	2725	Discard	2734-2720
R017	R017-BODY	R017-BODY-B3	Body	1726	Discard	1738-1723
R017	R017-BODY	R017-BODY-B3	Body	1695	Discard	1704-1693
R017	R017-BODY	R017-BODY-B3	Body	1603	Discard	1606-1600
R017	R017-BODY	R017-BODY-B3	Body	1539	Discard	1543-1536
R017	R017-BODY	R017-BODY-B3	Body	1496	Discard	1497-1493
R017	R017-BODY	R017-BODY-B3	Body	1457	Discard	1463-1454
R017	R017-BODY	R017-BODY-B3	Body	1377	Discard	1380-1374
R017	R017-BODY	R017-BODY-B3	Body	1307	Discard	1310-1306
R017	R017-BODY	R017-BODY-B3	Body	1270	Discard	1276-1266
R017	R017-BODY	R017-BODY-B3	Body	1249	Discard	1252-1246
R017	R017-BODY	R017-BODY-B3	Body	888	Discard	913-887
R017	R017-BODY	R017-BODY-B3	Body	754	Discard	769-751
R017	R017-BODY	R017-BODY-B3	Body	702	Discard	705-695
R020	R020-1	R020-1-B1	Chip	3529	Discard	3568-3524
R020	R020-1	R020-1-B1	Chip	3064	Discard	3070-3055
R020	R020-1	R020-1-B1	Chip	3022	Discard	3028-3016
R020	R020-1	R020-1-B1	Chip	2951	Discard	2960-2951
R020	R020-1	R020-1-B1	Chip	2924	Discard	2930-2918
R020	R020-1	R020-1-B1	Chip	2869	Discard	2875-2866
R020	R020-1	R020-1-B1	Chip	2866	Discard	2875-2866
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-1	R020-1-B1	Chip	2725	Discard	2734-2720
R020	R020-1	R020-1-B1	Chip	2358		
R020	R020-1	R020-1-B1	Chip	2321		
R020	R020-1	R020-1-B1	Chip	1732	Discard	1738-1723
R020	R020-1	R020-1-B1	Chip	1698	Discard	1704-1693
R020	R020-1	R020-1-B1	Chip	1600	Discard	1606-1600
R020	R020-1	R020-1-B1	Chip	1536	Discard	1543-1536
R020	R020-1	R020-1-B1	Chip	1515		
R020	R020-1	R020-1-B1	Chip	1496	Discard	1497-1493
R020	R020-1	R020-1-B1	Chip	1454	Discard	1463-1454
R020	R020-1	R020-1-B1	Chip	1377	Discard	1380-1374
R020	R020-1	R020-1-B1	Chip	1310	Discard	1310-1306
R020	R020-1	R020-1-B1	Chip	1273	Discard	1276-1266
R020	R020-1	R020-1-B1	Chip	1252	Discard	1252-1246
R020	R020-1	R020-1-B1	Chip	882	Residue	
R020	R020-1	R020-1-B1	Chip	754	Discard	769-751
R020	R020-1	R020-1-B1	Chip	699	Discard	705-695
R020	R020-1	R020-1-B2	Chip	3064	Discard	3070-3055
R020	R020-1	R020-1-B2	Chip	3022	Discard	3028-3016
R020	R020-1	R020-1-B2	Chip	2957	Discard	2960-2951
R020	R020-1	R020-1-B2	Chip	2924	Discard	2930-2918
R020	R020-1	R020-1-B2	Chip	2869	Discard	2875-2866
R020	R020-1	R020-1-B2	Chip	2850	Discard	2860-2844
R020	R020-1	R020-1-B2	Chip	1732	Discard	1738-1723
R020	R020-1	R020-1-B2	Chip	1698	Discard	1704-1693
R020	R020-1	R020-1-B2	Chip	1603	Discard	1606-1600
R020	R020-1	R020-1-B2	Chip	1539	Discard	1543-1536
R020	R020-1	R020-1-B2	Chip	1460	Discard	1463-1454
R020	R020-1	R020-1-B2	Chip	1377	Discard	1380-1374
R020	R020-1	R020-1-B2	Chip	1307	Discard	1310-1306
R020	R020-1	R020-1-B2	Chip	904	Discard	913-887
R020	R020-1	R020-1-B2	Chip	760	Discard	769-751
R020	R020-1	R020-1-B2	Chip	699	Discard	705-695
R020	R020-1	R020-1-B3	Chip	3530	Discard	3568-3524
R020	R020-1	R020-1-B3	Chip	3060	Discard	3070-3055
R020	R020-1	R020-1-B3	Chip	3023	Discard	3028-3016
R020	R020-1	R020-1-B3	Chip	2954	Discard	2960-2951
R020	R020-1	R020-1-B3	Chip	2924	Discard	2930-2918
R020	R020-1	R020-1-B3	Chip	2869	Discard	2875-2866
R020	R020-1	R020-1-B3	Chip	2853	Discard	2860-2844
R020	R020-1	R020-1-B3	Chip	2728	Discard	2734-2720
R020	R020-1	R020-1-B3	Chip	1729	Discard	1738-1723
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-1	R020-1-B3	Chip	1698	Discard	1704-1693
R020	R020-1	R020-1-B3	Chip	1603	Discard	1606-1600
R020	R020-1	R020-1-B3	Chip	1539	Discard	1543-1536
R020	R020-1	R020-1-B3	Chip	1463	Discard	1463-1454
R020	R020-1	R020-1-B3	Chip	1374	Discard	1380-1374
R020	R020-1	R020-1-B3	Chip	900	Discard	913-887
R020	R020-1	R020-1-B3	Chip	766	Discard	769-751
R020	R020-1	R020-1-B3	Chip	702	Discard	705-695
R020	R020-2	R020-2-B1	Chip	3532	Discard	3568-3524
R020	R020-2	R020-2-B1	Chip	3061	Discard	3070-3055
R020	R020-2	R020-2-B1	Chip	2951	Discard	2960-2951
R020	R020-2	R020-2-B1	Chip	2725	Discard	2734-2720
R020	R020-2	R020-2-B1	Chip	1924	Residue	
R020	R020-2	R020-2-B1	Chip	1875		
R020	R020-2	R020-2-B1	Chip	1866		
R020	R020-2	R020-2-B1	Chip	1732	Discard	1738-1723
R020	R020-2	R020-2-B1	Chip	1698	Discard	1704-1693
R020	R020-2	R020-2-B1	Chip	1603	Discard	1606-1600
R020	R020-2	R020-2-B1	Chip	1536	Discard	1543-1536
R020	R020-2	R020-2-B1	Chip	1515		
R020	R020-2	R020-2-B1	Chip	1493	Discard	1497-1493
R020	R020-2	R020-2-B1	Chip	1457	Discard	1463-1454
R020	R020-2	R020-2-B1	Chip	1380	Discard	1380-1374
R020	R020-2	R020-2-B1	Chip	1310	Discard	1310-1306
R020	R020-2	R020-2-B1	Chip	1267	Discard	1276-1266
R020	R020-2	R020-2-B1	Chip	1249	Discard	1252-1246
R020	R020-2	R020-2-B1	Chip	885		
R020	R020-2	R020-2-B1	Chip	754	Discard	769-751
R020	R020-2	R020-2-B1	Chip	702	Discard	705-695
R020	R020-2	R020-2-B2	Chip	3061	Discard	3070-3055
R020	R020-2	R020-2-B2	Chip	3022	Discard	3028-3016
R020	R020-2	R020-2-B2	Chip	2954	Discard	2960-2951
R020	R020-2	R020-2-B2	Chip	2924	Discard	2930-2918
R020	R020-2	R020-2-B2	Chip	2869	Discard	2875-2866
R020	R020-2	R020-2-B2	Chip	2853	Discard	2860-2844
R020	R020-2	R020-2-B2	Chip	2728	Discard	2734-2720
R020	R020-2	R020-2-B2	Chip	1732	Discard	1738-1723
R020	R020-2	R020-2-B2	Chip	1698	Discard	1704-1693
R020	R020-2	R020-2-B2	Chip	1603	Discard	1606-1600
R020	R020-2	R020-2-B2	Chip	1539	Discard	1543-1536
R020	R020-2	R020-2-B2	Chip	1457	Discard	1463-1454
R020	R020-2	R020-2-B2	Chip	1377	Discard	1380-1374
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-2	R020-2-B2	Chip	1310	Discard	1310-1306
R020	R020-2	R020-2-B2	Chip	1267	Discard	1276-1266
R020	R020-2	R020-2-B2	Chip	900	Discard	913-887
R020	R020-2	R020-2-B2	Chip	763	Discard	769-751
R020	R020-2	R020-2-B2	Chip	699	Discard	705-695
R020	R020-2	R020-2-B3	Chip	3067	Discard	3070-3055
R020	R020-2	R020-2-B3	Chip	3022	Discard	3028-3016
R020	R020-2	R020-2-B3	Chip	2954	Discard	2960-2951
R020	R020-2	R020-2-B3	Chip	2921	Discard	2930-2918
R020	R020-2	R020-2-B3	Chip	2869	Discard	2875-2866
R020	R020-2	R020-2-B3	Chip	2857	Discard	2860-2844
R020	R020-2	R020-2-B3	Chip	2728	Discard	2734-2720
R020	R020-2	R020-2-B3	Chip	1729	Discard	1738-1723
R020	R020-2	R020-2-B3	Chip	1698	Discard	1704-1693
R020	R020-2	R020-2-B3	Chip	1603	Discard	1606-1600
R020	R020-2	R020-2-B3	Chip	1536	Discard	1543-1536
R020	R020-2	R020-2-B3	Chip	1457	Discard	1463-1454
R020	R020-2	R020-2-B3	Chip	1377	Discard	1380-1374
R020	R020-2	R020-2-B3	Chip	1310	Discard	1310-1306
R020	R020-2	R020-2-B3	Chip	1270	Discard	1276-1266
R020	R020-2	R020-2-B3	Chip	900	Discard	913-887
R020	R020-2	R020-2-B3	Chip	769	Discard	769-751
R020	R020-2	R020-2-B3	Chip	699	Discard	705-695
R020	R020-3	R020-3-B1	Chip	3527	Discard	3568-3524
R020	R020-3	R020-3-B1	Chip	3064	Discard	3070-3055
R020	R020-3	R020-3-B1	Chip	3022	Discard	3028-3016
R020	R020-3	R020-3-B1	Chip	2954	Discard	2960-2951
R020	R020-3	R020-3-B1	Chip	2921	Discard	2930-2918
R020	R020-3	R020-3-B1	Chip	2872	Discard	2875-2866
R020	R020-3	R020-3-B1	Chip	2853	Discard	2860-2844
R020	R020-3	R020-3-B1	Chip	2725	Discard	2734-2720
R020	R020-3	R020-3-B1	Chip	2355		
R020	R020-3	R020-3-B1	Chip	1735	Discard	1738-1723
R020	R020-3	R020-3-B1	Chip	1701	Discard	1704-1693
R020	R020-3	R020-3-B1	Chip	1603	Discard	1606-1600
R020	R020-3	R020-3-B1	Chip	1542	Discard	1543-1536
R020	R020-3	R020-3-B1	Chip	1515		
R020	R020-3	R020-3-B1	Chip	1496	Discard	1497-1493
R020	R020-3	R020-3-B1	Chip	1457	Discard	1463-1454
R020	R020-3	R020-3-B1	Chip	1429		
R020	R020-3	R020-3-B1	Chip	1377	Discard	1380-1374
R020	R020-3	R020-3-B1	Chip	1307	Discard	1310-1306
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-3	R020-3-B1	Chip	1267	Discard	1276-1266
R020	R020-3	R020-3-B1	Chip	891	Discard	913-887
R020	R020-3	R020-3-B1	Chip	754	Discard	769-751
R020	R020-3	R020-3-B1	Chip	699	Discard	705-695
R020	R020-3	R020-3-B2	Chip	3327	Discard	3422-3281
R020	R020-3	R020-3-B2	Chip	3057	Discard	3070-3055
R020	R020-3	R020-3-B2	Chip	3020	Discard	3028-3016
R020	R020-3	R020-3-B2	Chip	2954	Discard	2960-2951
R020	R020-3	R020-3-B2	Chip	2924	Discard	2930-2918
R020	R020-3	R020-3-B2	Chip	2869	Discard	2875-2866
R020	R020-3	R020-3-B2	Chip	2853	Discard	2860-2844
R020	R020-3	R020-3-B2	Chip	2725	Discard	2734-2720
R020	R020-3	R020-3-B2	Chip	1732	Discard	1738-1723
R020	R020-3	R020-3-B2	Chip	1698	Discard	1704-1693
R020	R020-3	R020-3-B2	Chip	1603	Discard	1606-1600
R020	R020-3	R020-3-B2	Chip	1539	Discard	1543-1536
R020	R020-3	R020-3-B2	Chip	1493	Discard	1497-1493
R020	R020-3	R020-3-B2	Chip	1457	Discard	1463-1454
R020	R020-3	R020-3-B2	Chip	1377	Discard	1380-1374
R020	R020-3	R020-3-B2	Chip	1310	Discard	1310-1306
R020	R020-3	R020-3-B2	Chip	1270	Discard	1276-1266
R020	R020-3	R020-3-B2	Chip	900	Discard	913-887
R020	R020-3	R020-3-B2	Chip	766	Discard	769-751
R020	R020-3	R020-3-B2	Chip	699	Discard	705-695
R020	R020-3	R020-3-B3	Chip	3067	Discard	3070-3055
R020	R020-3	R020-3-B3	Chip	3022	Discard	3028-3016
R020	R020-3	R020-3-B3	Chip	2960	Discard	2960-2951
R020	R020-3	R020-3-B3	Chip	2927	Discard	2930-2918
R020	R020-3	R020-3-B3	Chip	2869	Discard	2875-2866
R020	R020-3	R020-3-B3	Chip	2850	Discard	2860-2844
R020	R020-3	R020-3-B3	Chip	1732	Discard	1738-1723
R020	R020-3	R020-3-B3	Chip	1701	Discard	1704-1693
R020	R020-3	R020-3-B3	Chip	1539	Discard	1543-1536
R020	R020-3	R020-3-B3	Chip	1463	Discard	1463-1454
R020	R020-3	R020-3-B3	Chip	1377	Discard	1380-1374
R020	R020-3	R020-3-B3	Chip	904	Discard	913-887
R020	R020-3	R020-3-B3	Chip	763	Discard	769-751
R020	R020-4	R020-4-B1	Chip	3535	Discard	3568-3524
R020	R020-4	R020-4-B1	Chip	3061	Discard	3070-3055
R020	R020-4	R020-4-B1	Chip	3028	Discard	3028-3016
R020	R020-4	R020-4-B1	Chip	2951	Discard	2960-2951
R020	R020-4	R020-4-B1	Chip	2927	Discard	2930-2918
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-4	R020-4-B1	Chip	2869	Discard	2875-2866
R020	R020-4	R020-4-B1	Chip	2857	Discard	2860-2844
R020	R020-4	R020-4-B1	Chip	2731	Discard	2734-2720
R020	R020-4	R020-4-B1	Chip	2358		
R020	R020-4	R020-4-B1	Chip	2325		
R020	R020-4	R020-4-B1	Chip	1979		
R020	R020-4	R020-4-B1	Chip	1726	Discard	1738-1723
R020	R020-4	R020-4-B1	Chip	1695	Discard	1704-1693
R020	R020-4	R020-4-B1	Chip	1603	Discard	1606-1600
R020	R020-4	R020-4-B1	Chip	1539	Discard	1543-1536
R020	R020-4	R020-4-B1	Chip	1496	Discard	1497-1493
R020	R020-4	R020-4-B1	Chip	1457	Discard	1463-1454
R020	R020-4	R020-4-B1	Chip	1377	Discard	1380-1374
R020	R020-4	R020-4-B1	Chip	1307	Discard	1310-1306
R020	R020-4	R020-4-B1	Chip	1270	Discard	1276-1266
R020	R020-4	R020-4-B1	Chip	1252	Discard	1252-1246
R020	R020-4	R020-4-B1	Chip	894	Discard	913-887
R020	R020-4	R020-4-B1	Chip	757	Discard	769-751
R020	R020-4	R020-4-B1	Chip	702	Discard	705-695
R020	R020-4	R020-4-B2	Chip	3064	Discard	3070-3055
R020	R020-4	R020-4-B2	Chip	3022	Discard	3028-3016
R020	R020-4	R020-4-B2	Chip	2951	Discard	2960-2951
R020	R020-4	R020-4-B2	Chip	2924	Discard	2930-2918
R020	R020-4	R020-4-B2	Chip	2869	Discard	2875-2866
R020	R020-4	R020-4-B2	Chip	2853	Discard	2860-2844
R020	R020-4	R020-4-B2	Chip	1726	Discard	1738-1723
R020	R020-4	R020-4-B2	Chip	1698	Discard	1704-1693
R020	R020-4	R020-4-B2	Chip	1603	Discard	1606-1600
R020	R020-4	R020-4-B2	Chip	1539	Discard	1543-1536
R020	R020-4	R020-4-B2	Chip	1496	Discard	1497-1493
R020	R020-4	R020-4-B2	Chip	1460	Discard	1463-1454
R020	R020-4	R020-4-B2	Chip	1377	Discard	1380-1374
R020	R020-4	R020-4-B2	Chip	1307	Discard	1310-1306
R020	R020-4	R020-4-B2	Chip	1270	Discard	1276-1266
R020	R020-4	R020-4-B2	Chip	1252	Discard	1252-1246
R020	R020-4	R020-4-B2	Chip	900	Discard	913-887
R020	R020-4	R020-4-B2	Chip	760	Discard	769-751
R020	R020-4	R020-4-B2	Chip	696	Discard	705-695
R020	R020-4	R020-4-B3	Chip	3379	Discard	3422-3281
R020	R020-4	R020-4-B3	Chip	3061	Discard	3070-3055
R020	R020-4	R020-4-B3	Chip	3026	Discard	3028-3016
R020	R020-4	R020-4-B3	Chip	2954	Discard	2960-2951
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-4	R020-4-B3	Chip	2924	Discard	2930-2918
R020	R020-4	R020-4-B3	Chip	2869	Discard	2875-2866
R020	R020-4	R020-4-B3	Chip	2853	Discard	2860-2844
R020	R020-4	R020-4-B3	Chip	2725	Discard	2734-2720
R020	R020-4	R020-4-B3	Chip	1729	Discard	1738-1723
R020	R020-4	R020-4-B3	Chip	1695	Discard	1704-1693
R020	R020-4	R020-4-B3	Chip	1603	Discard	1606-1600
R020	R020-4	R020-4-B3	Chip	1539	Discard	1543-1536
R020	R020-4	R020-4-B3	Chip	1496	Discard	1497-1493
R020	R020-4	R020-4-B3	Chip	1457	Discard	1463-1454
R020	R020-4	R020-4-B3	Chip	1377	Discard	1380-1374
R020	R020-4	R020-4-B3	Chip	1307	Discard	1310-1306
R020	R020-4	R020-4-B3	Chip	1270	Discard	1276-1266
R020	R020-4	R020-4-B3	Chip	1249	Discard	1252-1246
R020	R020-4	R020-4-B3	Chip	894	Discard	913-887
R020	R020-4	R020-4-B3	Chip	766	Discard	769-751
R020	R020-4	R020-4-B3	Chip	702	Discard	705-695
R020	R020-BODY	R020-BODY-B1	Body	3547	Discard	3568-3524
R020	R020-BODY	R020-BODY-B1	Body	3061	Discard	3070-3055
R020	R020-BODY	R020-BODY-B1	Body	3022	Discard	3028-3016
R020	R020-BODY	R020-BODY-B1	Body	2954	Discard	2960-2951
R020	R020-BODY	R020-BODY-B1	Body	2927	Discard	2930-2918
R020	R020-BODY	R020-BODY-B1	Body	2869	Discard	2875-2866
R020	R020-BODY	R020-BODY-B1	Body	2853	Discard	2860-2844
R020	R020-BODY	R020-BODY-B1	Body	2728	Discard	2734-2720
R020	R020-BODY	R020-BODY-B1	Body	1732	Discard	1738-1723
R020	R020-BODY	R020-BODY-B1	Body	1698	Discard	1704-1693
R020	R020-BODY	R020-BODY-B1	Body	1603	Discard	1606-1600
R020	R020-BODY	R020-BODY-B1	Body	1539	Discard	1543-1536
R020	R020-BODY	R020-BODY-B1	Body	1515		
R020	R020-BODY	R020-BODY-B1	Body	1493	Discard	1497-1493
R020	R020-BODY	R020-BODY-B1	Body	1457	Discard	1463-1454
R020	R020-BODY	R020-BODY-B1	Body	1380	Discard	1380-1374
R020	R020-BODY	R020-BODY-B1	Body	1307	Discard	1310-1306
R020	R020-BODY	R020-BODY-B1	Body	1270	Discard	1276-1266
R020	R020-BODY	R020-BODY-B1	Body	1252	Discard	1252-1246
R020	R020-BODY	R020-BODY-B1	Body	900	Discard	913-887
R020	R020-BODY	R020-BODY-B1	Body	760	Discard	769-751
R020	R020-BODY	R020-BODY-B1	Body	702	Discard	705-695
R020	R020-BODY	R020-BODY-B2	Body	3529	Discard	3568-3524
R020	R020-BODY	R020-BODY-B2	Body	3064	Discard	3070-3055
R020	R020-BODY	R020-BODY-B2	Body	3025	Discard	3028-3016
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R020	R020-BODY	R020-BODY-B2	Body	2954	Discard	2960-2951
R020	R020-BODY	R020-BODY-B2	Body	2927	Discard	2930-2918
R020	R020-BODY	R020-BODY-B2	Body	2872	Discard	2875-2866
R020	R020-BODY	R020-BODY-B2	Body	2857	Discard	2860-2844
R020	R020-BODY	R020-BODY-B2	Body	2725	Discard	2734-2720
R020	R020-BODY	R020-BODY-B2	Body	2166		
R020	R020-BODY	R020-BODY-B2	Body	1979		
R020	R020-BODY	R020-BODY-B2	Body	1732	Discard	1738-1723
R020	R020-BODY	R020-BODY-B2	Body	1698	Discard	1704-1693
R020	R020-BODY	R020-BODY-B2	Body	1603	Discard	1606-1600
R020	R020-BODY	R020-BODY-B2	Body	1539	Discard	1543-1536
R020	R020-BODY	R020-BODY-B2	Body	1493	Discard	1497-1493
R020	R020-BODY	R020-BODY-B2	Body	1457	Discard	1463-1454
R020	R020-BODY	R020-BODY-B2	Body	1377	Discard	1380-1374
R020	R020-BODY	R020-BODY-B2	Body	1307	Discard	1310-1306
R020	R020-BODY	R020-BODY-B2	Body	1273	Discard	1276-1266
R020	R020-BODY	R020-BODY-B2	Body	1252	Discard	1252-1246
R020	R020-BODY	R020-BODY-B2	Body	888	Discard	913-887
R020	R020-BODY	R020-BODY-B2	Body	754	Discard	769-751
R020	R020-BODY	R020-BODY-B2	Body	699	Discard	705-695
R020	R020-BODY	R020-BODY-B3	Body	3342	Discard	3422-3281
R020	R020-BODY	R020-BODY-B3	Body	3064	Discard	3070-3055
R020	R020-BODY	R020-BODY-B3	Body	3025	Discard	3028-3016
R020	R020-BODY	R020-BODY-B3	Body	2951	Discard	2960-2951
R020	R020-BODY	R020-BODY-B3	Body	2924	Discard	2930-2918
R020	R020-BODY	R020-BODY-B3	Body	2872	Discard	2875-2866
R020	R020-BODY	R020-BODY-B3	Body	2857	Discard	2860-2844
R020	R020-BODY	R020-BODY-B3	Body	2045		
R020	R020-BODY	R020-BODY-B3	Body	1979		
R020	R020-BODY	R020-BODY-B3	Body	1729	Discard	1738-1723
R020	R020-BODY	R020-BODY-B3	Body	1698	Discard	1704-1693
R020	R020-BODY	R020-BODY-B3	Body	1606	Discard	1606-1600
R020	R020-BODY	R020-BODY-B3	Body	1536	Discard	1543-1536
R020	R020-BODY	R020-BODY-B3	Body	1496	Discard	1497-1493
R020	R020-BODY	R020-BODY-B3	Body	1457	Discard	1463-1454
R020	R020-BODY	R020-BODY-B3	Body	1377	Discard	1380-1374
R020	R020-BODY	R020-BODY-B3	Body	1310	Discard	1310-1306
R020	R020-BODY	R020-BODY-B3	Body	1276	Discard	1276-1266
R020	R020-BODY	R020-BODY-B3	Body	897	Discard	913-887
R020	R020-BODY	R020-BODY-B3	Body	760	Discard	769-751
R020	R020-BODY	R020-BODY-B3	Body	699	Discard	705-695
R021	R021-1	R021-1-B1	Chip	3327	Discard	3422-3281
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R021	R021-1	R021-1-B1	Chip	3064	Discard	3070-3055
R021	R021-1	R021-1-B1	Chip	3022	Discard	3028-3016
R021	R021-1	R021-1-B1	Chip	2954	Discard	2960-2951
R021	R021-1	R021-1-B1	Chip	2918	Discard	2930-2918
R021	R021-1	R021-1-B1	Chip	2869	Discard	2875-2866
R021	R021-1	R021-1-B1	Chip	2853	Discard	2860-2844
R021	R021-1	R021-1-B1	Chip	2728	Discard	2734-2720
R021	R021-1	R021-1-B1	Chip	2352		
R021	R021-1	R021-1-B1	Chip	2322		
R021	R021-1	R021-1-B1	Chip	2186	Residue	
R021	R021-1	R021-1-B1	Chip	2166		
R021	R021-1	R021-1-B1	Chip	2101	Residue	
R021	R021-1	R021-1-B1	Chip	2082	Residue	
R021	R021-1	R021-1-B1	Chip	1996		
R021	R021-1	R021-1-B1	Chip	1981		
R021	R021-1	R021-1-B1	Chip	1735	Discard	1738-1723
R021	R021-1	R021-1-B1	Chip	1698	Discard	1704-1693
R021	R021-1	R021-1-B1	Chip	1539	Discard	1543-1536
R021	R021-1	R021-1-B1	Chip	1518		
R021	R021-1	R021-1-B1	Chip	1493	Discard	1497-1493
R021	R021-1	R021-1-B1	Chip	1460	Discard	1463-1454
R021	R021-1	R021-1-B1	Chip	1377	Discard	1380-1374
R021	R021-1	R021-1-B1	Chip	1307	Discard	1310-1306
R021	R021-1	R021-1-B1	Chip	1267	Discard	1276-1266
R021	R021-1	R021-1-B1	Chip	1252	Discard	1252-1246
R021	R021-1	R021-1-B1	Chip	1023		
R021	R021-1	R021-1-B1	Chip	965		
R021	R021-1	R021-1-B1	Chip	887	Discard	913-887
R021	R021-1	R021-1-B1	Chip	778		
R021	R021-1	R021-1-B1	Chip	757	Discard	769-751
R021	R021-1	R021-1-B1	Chip	699	Discard	705-695
R021	R021-1	R021-1-B2	Chip	3531	Discard	3568-3524
R021	R021-1	R021-1-B2	Chip	3061	Discard	3070-3055
R021	R021-1	R021-1-B2	Chip	3022	Discard	3028-3016
R021	R021-1	R021-1-B2	Chip	2954	Discard	2960-2951
R021	R021-1	R021-1-B2	Chip	2927	Discard	2930-2918
R021	R021-1	R021-1-B2	Chip	2869	Discard	2875-2866
R021	R021-1	R021-1-B2	Chip	2857	Discard	2860-2844
R021	R021-1	R021-1-B2	Chip	2720	Discard	2734-2720
R021	R021-1	R021-1-B2	Chip	1732	Discard	1738-1723
R021	R021-1	R021-1-B2	Chip	1701	Discard	1704-1693
R021	R021-1	R021-1-B2	Chip	1603	Discard	1606-1600
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R021	R021-1	R021-1-B2	Chip	1539	Discard	1543-1536
R021	R021-1	R021-1-B2	Chip	1518		
R021	R021-1	R021-1-B2	Chip	1493	Discard	1497-1493
R021	R021-1	R021-1-B2	Chip	1460	Discard	1463-1454
R021	R021-1	R021-1-B2	Chip	1377	Discard	1380-1374
R021	R021-1	R021-1-B2	Chip	1310	Discard	1310-1306
R021	R021-1	R021-1-B2	Chip	1270	Discard	1276-1266
R021	R021-1	R021-1-B2	Chip	1252	Discard	1252-1246
R021	R021-1	R021-1-B2	Chip	892	Discard	913-887
R021	R021-1	R021-1-B2	Chip	757	Discard	769-751
R021	R021-1	R021-1-B2	Chip	702	Discard	705-695
R021	R021-1	R021-1-B3	Chip	2960	Discard	2960-2951
R021	R021-1	R021-1-B3	Chip	2924	Discard	2930-2918
R021	R021-1	R021-1-B3	Chip	2869	Discard	2875-2866
R021	R021-1	R021-1-B3	Chip	2850	Discard	2860-2844
R021	R021-1	R021-1-B3	Chip	2361		
R021	R021-1	R021-1-B3	Chip	2340		
R021	R021-1	R021-1-B3	Chip	2181	Residue	
R021	R021-1	R021-1-B3	Chip	2163		
R021	R021-1	R021-1-B3	Chip	2144	Residue	
R021	R021-1	R021-1-B3	Chip	2013		
R021	R021-1	R021-1-B3	Chip	1979		
R021	R021-1	R021-1-B3	Chip	1943	Residue	
R021	R021-1	R021-1-B3	Chip	1732	Discard	1738-1723
R021	R021-1	R021-1-B3	Chip	1698	Discard	1704-1693
R021	R021-1	R021-1-B3	Chip	1536	Discard	1543-1536
R021	R021-1	R021-1-B3	Chip	1457	Discard	1463-1454
R021	R021-1	R021-1-B3	Chip	1380	Discard	1380-1374
R021	R021-1	R021-1-B3	Chip	901	Discard	913-887
R021	R021-1	R021-1-B3	Chip	766	Discard	769-751
R021	R021-1	R021-1-B3	Chip	573	Residue	
R021	R021-BODY	R021-BODY-B1	Body	3526	Discard	3568-3524
R021	R021-BODY	R021-BODY-B1	Body	3058	Discard	3070-3055
R021	R021-BODY	R021-BODY-B1	Body	3024	Discard	3028-3016
R021	R021-BODY	R021-BODY-B1	Body	2951	Discard	2960-2951
R021	R021-BODY	R021-BODY-B1	Body	2921	Discard	2930-2918
R021	R021-BODY	R021-BODY-B1	Body	2869	Discard	2875-2866
R021	R021-BODY	R021-BODY-B1	Body	2853	Discard	2860-2844
R021	R021-BODY	R021-BODY-B1	Body	2725	Discard	2734-2720
R021	R021-BODY	R021-BODY-B1	Body	2356		
R021	R021-BODY	R021-BODY-B1	Body	2319		
R021	R021-BODY	R021-BODY-B1	Body	1979		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R021	R021-BODY	R021-BODY-B1	Body	1726	Discard	1738-1723
R021	R021-BODY	R021-BODY-B1	Body	1698	Discard	1704-1693
R021	R021-BODY	R021-BODY-B1	Body	1603	Discard	1606-1600
R021	R021-BODY	R021-BODY-B1	Body	1539	Discard	1543-1536
R021	R021-BODY	R021-BODY-B1	Body	1493	Discard	1497-1493
R021	R021-BODY	R021-BODY-B1	Body	1454	Discard	1463-1454
R021	R021-BODY	R021-BODY-B1	Body	1380	Discard	1380-1374
R021	R021-BODY	R021-BODY-B1	Body	1310	Discard	1310-1306
R021	R021-BODY	R021-BODY-B1	Body	1270	Discard	1276-1266
R021	R021-BODY	R021-BODY-B1	Body	1252	Discard	1252-1246
R021	R021-BODY	R021-BODY-B1	Body	894	Discard	913-887
R021	R021-BODY	R021-BODY-B1	Body	757	Discard	769-751
R021	R021-BODY	R021-BODY-B1	Body	699	Discard	705-695
R021	R021-BODY	R021-BODY-B2	Body	3524	Discard	3568-3524
R021	R021-BODY	R021-BODY-B2	Body	3058	Discard	3070-3055
R021	R021-BODY	R021-BODY-B2	Body	3021	Discard	3028-3016
R021	R021-BODY	R021-BODY-B2	Body	2951	Discard	2960-2951
R021	R021-BODY	R021-BODY-B2	Body	2924	Discard	2930-2918
R021	R021-BODY	R021-BODY-B2	Body	2869	Discard	2875-2866
R021	R021-BODY	R021-BODY-B2	Body	2853	Discard	2860-2844
R021	R021-BODY	R021-BODY-B2	Body	2723	Discard	2734-2720
R021	R021-BODY	R021-BODY-B2	Body	1729	Discard	1738-1723
R021	R021-BODY	R021-BODY-B2	Body	1698	Discard	1704-1693
R021	R021-BODY	R021-BODY-B2	Body	1603	Discard	1606-1600
R021	R021-BODY	R021-BODY-B2	Body	1539	Discard	1543-1536
R021	R021-BODY	R021-BODY-B2	Body	1493	Discard	1497-1493
R021	R021-BODY	R021-BODY-B2	Body	1457	Discard	1463-1454
R021	R021-BODY	R021-BODY-B2	Body	1377	Discard	1380-1374
R021	R021-BODY	R021-BODY-B2	Body	1307	Discard	1310-1306
R021	R021-BODY	R021-BODY-B2	Body	1270	Discard	1276-1266
R021	R021-BODY	R021-BODY-B2	Body	1249	Discard	1252-1246
R021	R021-BODY	R021-BODY-B2	Body	894	Discard	913-887
R021	R021-BODY	R021-BODY-B2	Body	759	Discard	769-751
R021	R021-BODY	R021-BODY-B2	Body	702	Discard	705-695
R021	R021-BODY	R021-BODY-B3	Body	3524	Discard	3568-3524
R021	R021-BODY	R021-BODY-B3	Body	3041		
R021	R021-BODY	R021-BODY-B3	Body	3026	Discard	3028-3016
R021	R021-BODY	R021-BODY-B3	Body	2954	Discard	2960-2951
R021	R021-BODY	R021-BODY-B3	Body	2924	Discard	2930-2918
R021	R021-BODY	R021-BODY-B3	Body	2869	Discard	2875-2866
R021	R021-BODY	R021-BODY-B3	Body	2857	Discard	2860-2844
R021	R021-BODY	R021-BODY-B3	Body	2725	Discard	2734-2720
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R021	R021-BODY	R021-BODY-B3	Body	1729	Discard	1738-1723
R021	R021-BODY	R021-BODY-B3	Body	1698	Discard	1704-1693
R021	R021-BODY	R021-BODY-B3	Body	1606	Discard	1606-1600
R021	R021-BODY	R021-BODY-B3	Body	1539	Discard	1543-1536
R021	R021-BODY	R021-BODY-B3	Body	1460	Discard	1463-1454
R021	R021-BODY	R021-BODY-B3	Body	1380	Discard	1380-1374
R021	R021-BODY	R021-BODY-B3	Body	1310	Discard	1310-1306
R021	R021-BODY	R021-BODY-B3	Body	1270	Discard	1276-1266
R021	R021-BODY	R021-BODY-B3	Body	899	Discard	913-887
R021	R021-BODY	R021-BODY-B3	Body	766	Discard	769-751
R021	R021-BODY	R021-BODY-B3	Body	702	Discard	705-695
R022	R022-1	R022-1-B1	Chip	2951	Discard	2960-2951
R022	R022-1	R022-1-B1	Chip	2924	Discard	2930-2918
R022	R022-1	R022-1-B1	Chip	2872	Discard	2875-2866
R022	R022-1	R022-1-B1	Chip	2853	Discard	2860-2844
R022	R022-1	R022-1-B1	Chip	1542	Discard	1543-1536
R022	R022-1	R022-1-B1	Chip	1463	Discard	1463-1454
R022	R022-1	R022-1-B1	Chip	1380	Discard	1380-1374
R022	R022-1	R022-1-B1	Chip	911	Discard	913-887
R022	R022-1	R022-1-B1	Chip	766	Discard	769-751
R022	R022-1	R022-1-B2	Chip	2957	Discard	2960-2951
R022	R022-1	R022-1-B2	Chip	2924	Discard	2930-2918
R022	R022-1	R022-1-B2	Chip	2854	Discard	2860-2844
R022	R022-1	R022-1-B2	Chip	902	Discard	913-887
R022	R022-1	R022-1-B2	Chip	769	Discard	769-751
R022	R022-1	R022-1-B3	Chip	2954	Discard	2960-2951
R022	R022-1	R022-1-B3	Chip	2924	Discard	2930-2918
R022	R022-1	R022-1-B3	Chip	2869	Discard	2875-2866
R022	R022-1	R022-1-B3	Chip	2850	Discard	2860-2844
R022	R022-1	R022-1-B3	Chip	1460	Discard	1463-1454
R022	R022-1	R022-1-B3	Chip	911	Discard	913-887
R022	R022-1	R022-1-B3	Chip	769	Discard	769-751
R022	R022-2	R022-2-B1	Chip	3383	Discard	3422-3281
R022	R022-2	R022-2-B1	Chip	3061	Discard	3070-3055
R022	R022-2	R022-2-B1	Chip	3022	Discard	3028-3016
R022	R022-2	R022-2-B1	Chip	2952	Discard	2960-2951
R022	R022-2	R022-2-B1	Chip	2918	Discard	2930-2918
R022	R022-2	R022-2-B1	Chip	2866	Discard	2875-2866
R022	R022-2	R022-2-B1	Chip	2851	Discard	2860-2844
R022	R022-2	R022-2-B1	Chip	2728	Discard	2734-2720
R022	R022-2	R022-2-B1	Chip	2358		
R022	R022-2	R022-2-B1	Chip	2183		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R022	R022-2	R022-2-B1	Chip	1732	Discard	1738-1723
R022	R022-2	R022-2-B1	Chip	1698	Discard	1704-1693
R022	R022-2	R022-2-B1	Chip	1603	Discard	1606-1600
R022	R022-2	R022-2-B1	Chip	1542	Discard	1543-1536
R022	R022-2	R022-2-B1	Chip	1454	Discard	1463-1454
R022	R022-2	R022-2-B1	Chip	1380	Discard	1380-1374
R022	R022-2	R022-2-B1	Chip	1307	Discard	1310-1306
R022	R022-2	R022-2-B1	Chip	1267	Discard	1276-1266
R022	R022-2	R022-2-B1	Chip	1249	Discard	1252-1246
R022	R022-2	R022-2-B1	Chip	1071	Residue	
R022	R022-2	R022-2-B1	Chip	906	Discard	913-887
R022	R022-2	R022-2-B1	Chip	797		
R022	R022-2	R022-2-B1	Chip	777		
R022	R022-2	R022-2-B1	Chip	748		
R022	R022-2	R022-2-B1	Chip	699	Discard	705-695
R022	R022-2	R022-2-B1	Chip	616		
R022	R022-2	R022-2-B2	Chip	3376	Discard	3422-3281
R022	R022-2	R022-2-B2	Chip	3064	Discard	3070-3055
R022	R022-2	R022-2-B2	Chip	3022	Discard	3028-3016
R022	R022-2	R022-2-B2	Chip	2951	Discard	2960-2951
R022	R022-2	R022-2-B2	Chip	2921	Discard	2930-2918
R022	R022-2	R022-2-B2	Chip	2866	Discard	2875-2866
R022	R022-2	R022-2-B2	Chip	2853	Discard	2860-2844
R022	R022-2	R022-2-B2	Chip	2725	Discard	2734-2720
R022	R022-2	R022-2-B2	Chip	1732	Discard	1738-1723
R022	R022-2	R022-2-B2	Chip	1707	Residue	
R022	R022-2	R022-2-B2	Chip	1603	Discard	1606-1600
R022	R022-2	R022-2-B2	Chip	1539	Discard	1543-1536
R022	R022-2	R022-2-B2	Chip	1457	Discard	1463-1454
R022	R022-2	R022-2-B2	Chip	1377	Discard	1380-1374
R022	R022-2	R022-2-B2	Chip	1307	Discard	1310-1306
R022	R022-2	R022-2-B2	Chip	1267	Discard	1276-1266
R022	R022-2	R022-2-B2	Chip	1249	Discard	1252-1246
R022	R022-2	R022-2-B2	Chip	1163		
R022	R022-2	R022-2-B2	Chip	1056		
R022	R022-2	R022-2-B2	Chip	1036		
R022	R022-2	R022-2-B2	Chip	979		
R022	R022-2	R022-2-B2	Chip	967		
R022	R022-2	R022-2-B2	Chip	949	Residue	
R022	R022-2	R022-2-B2	Chip	900	Discard	913-887
R022	R022-2	R022-2-B2	Chip	797		
R022	R022-2	R022-2-B2	Chip	778		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R022	R022-2	R022-2-B2	Chip	748		
R022	R022-2	R022-2-B2	Chip	699	Discard	705-695
R022	R022-2	R022-2-B2	Chip	622		
R022	R022-2	R022-2-B2	Chip	552		
R022	R022-2	R022-2-B3	Chip	3534	Discard	3568-3524
R022	R022-2	R022-2-B3	Chip	3064	Discard	3070-3055
R022	R022-2	R022-2-B3	Chip	3022	Discard	3028-3016
R022	R022-2	R022-2-B3	Chip	2952	Discard	2960-2951
R022	R022-2	R022-2-B3	Chip	2920	Discard	2930-2918
R022	R022-2	R022-2-B3	Chip	2866	Discard	2875-2866
R022	R022-2	R022-2-B3	Chip	2852	Discard	2860-2844
R022	R022-2	R022-2-B3	Chip	2728	Discard	2734-2720
R022	R022-2	R022-2-B3	Chip	2353		
R022	R022-2	R022-2-B3	Chip	2048		
R022	R022-2	R022-2-B3	Chip	1735	Discard	1738-1723
R022	R022-2	R022-2-B3	Chip	1698	Discard	1704-1693
R022	R022-2	R022-2-B3	Chip	1606	Discard	1606-1600
R022	R022-2	R022-2-B3	Chip	1542	Discard	1543-1536
R022	R022-2	R022-2-B3	Chip	1493	Discard	1497-1493
R022	R022-2	R022-2-B3	Chip	1457	Discard	1463-1454
R022	R022-2	R022-2-B3	Chip	1377	Discard	1380-1374
R022	R022-2	R022-2-B3	Chip	1307	Discard	1310-1306
R022	R022-2	R022-2-B3	Chip	1273	Discard	1276-1266
R022	R022-2	R022-2-B3	Chip	1249	Discard	1252-1246
R022	R022-2	R022-2-B3	Chip	1056		
R022	R022-2	R022-2-B3	Chip	1036		
R022	R022-2	R022-2-B3	Chip	979		
R022	R022-2	R022-2-B3	Chip	960		
R022	R022-2	R022-2-B3	Chip	956	Residue	
R022	R022-2	R022-2-B3	Chip	903	Discard	913-887
R022	R022-2	R022-2-B3	Chip	794		
R022	R022-2	R022-2-B3	Chip	776		
R022	R022-2	R022-2-B3	Chip	755	Discard	769-751
R022	R022-2	R022-2-B3	Chip	748		
R022	R022-2	R022-2-B3	Chip	702	Discard	705-695
R022	R022-2	R022-2-B3	Chip	616		
R022	R022-BODY	R022-BODY-B1	Body	3346	Discard	3422-3281
R022	R022-BODY	R022-BODY-B1	Body	3064	Discard	3070-3055
R022	R022-BODY	R022-BODY-B1	Body	3022	Discard	3028-3016
R022	R022-BODY	R022-BODY-B1	Body	2952	Discard	2960-2951
R022	R022-BODY	R022-BODY-B1	Body	2921	Discard	2930-2918
R022	R022-BODY	R022-BODY-B1	Body	2867	Discard	2875-2866
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R022	R022-BODY	R022-BODY-B1	Body	2853	Discard	2860-2844
R022	R022-BODY	R022-BODY-B1	Body	2728	Discard	2734-2720
R022	R022-BODY	R022-BODY-B1	Body	1729	Discard	1738-1723
R022	R022-BODY	R022-BODY-B1	Body	1693	Discard	1704-1693
R022	R022-BODY	R022-BODY-B1	Body	1606	Discard	1606-1600
R022	R022-BODY	R022-BODY-B1	Body	1539	Discard	1543-1536
R022	R022-BODY	R022-BODY-B1	Body	1460	Discard	1463-1454
R022	R022-BODY	R022-BODY-B1	Body	1374	Discard	1380-1374
R022	R022-BODY	R022-BODY-B1	Body	1310	Discard	1310-1306
R022	R022-BODY	R022-BODY-B1	Body	1270	Discard	1276-1266
R022	R022-BODY	R022-BODY-B1	Body	1249	Discard	1252-1246
R022	R022-BODY	R022-BODY-B1	Body	994		
R022	R022-BODY	R022-BODY-B1	Body	990		
R022	R022-BODY	R022-BODY-B1	Body	987		
R022	R022-BODY	R022-BODY-B1	Body	887	Discard	913-887
R022	R022-BODY	R022-BODY-B1	Body	887	Discard	913-887
R022	R022-BODY	R022-BODY-B1	Body	794		
R022	R022-BODY	R022-BODY-B1	Body	777		
R022	R022-BODY	R022-BODY-B1	Body	756	Discard	769-751
R022	R022-BODY	R022-BODY-B1	Body	702	Discard	705-695
R022	R022-BODY	R022-BODY-B1	Body	613		
R022	R022-BODY	R022-BODY-B2	Body	3391	Discard	3422-3281
R022	R022-BODY	R022-BODY-B2	Body	3066	Discard	3070-3055
R022	R022-BODY	R022-BODY-B2	Body	3021	Discard	3028-3016
R022	R022-BODY	R022-BODY-B2	Body	2954	Discard	2960-2951
R022	R022-BODY	R022-BODY-B2	Body	2924	Discard	2930-2918
R022	R022-BODY	R022-BODY-B2	Body	2872	Discard	2875-2866
R022	R022-BODY	R022-BODY-B2	Body	2866	Discard	2875-2866
R022	R022-BODY	R022-BODY-B2	Body	1735	Discard	1738-1723
R022	R022-BODY	R022-BODY-B2	Body	1695	Discard	1704-1693
R022	R022-BODY	R022-BODY-B2	Body	1454	Discard	1463-1454
R022	R022-BODY	R022-BODY-B2	Body	1377	Discard	1380-1374
R022	R022-BODY	R022-BODY-B2	Body	902	Discard	913-887
R022	R022-BODY	R022-BODY-B2	Body	766	Discard	769-751
R022	R022-BODY	R022-BODY-B2	Body	697	Discard	705-695
R022	R022-BODY	R022-BODY-B3	Body	2953	Discard	2960-2951
R022	R022-BODY	R022-BODY-B3	Body	2922	Discard	2930-2918
R022	R022-BODY	R022-BODY-B3	Body	2867	Discard	2875-2866
R022	R022-BODY	R022-BODY-B3	Body	2855	Discard	2860-2844
R022	R022-BODY	R022-BODY-B3	Body	1730	Discard	1738-1723
R022	R022-BODY	R022-BODY-B3	Body	1700	Discard	1704-1693
R022	R022-BODY	R022-BODY-B3	Body	1542	Discard	1543-1536
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R022	R022-BODY	R022-BODY-B3	Body	1457	Discard	1463-1454
R022	R022-BODY	R022-BODY-B3	Body	1377	Discard	1380-1374
R022	R022-BODY	R022-BODY-B3	Body	904	Discard	913-887
R022	R022-BODY	R022-BODY-B3	Body	766	Discard	769-751
R022	R022-BODY	R022-BODY-B3	Body	697	Discard	705-695
R045	R045-1	R045-1-B1	Chip	3526	Discard	3568-3524
R045	R045-1	R045-1-B1	Chip	3067	Discard	3070-3055
R045	R045-1	R045-1-B1	Chip	3025	Discard	3028-3016
R045	R045-1	R045-1-B1	Chip	2954	Discard	2960-2951
R045	R045-1	R045-1-B1	Chip	2924	Discard	2930-2918
R045	R045-1	R045-1-B1	Chip	2869	Discard	2875-2866
R045	R045-1	R045-1-B1	Chip	2857	Discard	2860-2844
R045	R045-1	R045-1-B1	Chip	2723	Discard	2734-2720
R045	R045-1	R045-1-B1	Chip	1732	Discard	1738-1723
R045	R045-1	R045-1-B1	Chip	1698	Discard	1704-1693
R045	R045-1	R045-1-B1	Chip	1606	Discard	1606-1600
R045	R045-1	R045-1-B1	Chip	1539	Discard	1543-1536
R045	R045-1	R045-1-B1	Chip	1515		
R045	R045-1	R045-1-B1	Chip	1496	Discard	1497-1493
R045	R045-1	R045-1-B1	Chip	1454	Discard	1463-1454
R045	R045-1	R045-1-B1	Chip	1380	Discard	1380-1374
R045	R045-1	R045-1-B1	Chip	1307	Discard	1310-1306
R045	R045-1	R045-1-B1	Chip	1267	Discard	1276-1266
R045	R045-1	R045-1-B1	Chip	1252	Discard	1252-1246
R045	R045-1	R045-1-B1	Chip	887	Discard	913-887
R045	R045-1	R045-1-B1	Chip	757	Discard	769-751
R045	R045-1	R045-1-B1	Chip	702	Discard	705-695
R045	R045-1	R045-1-B2	Chip	3351	Discard	3422-3281
R045	R045-1	R045-1-B2	Chip	3063	Discard	3070-3055
R045	R045-1	R045-1-B2	Chip	3021	Discard	3028-3016
R045	R045-1	R045-1-B2	Chip	2954	Discard	2960-2951
R045	R045-1	R045-1-B2	Chip	2921	Discard	2930-2918
R045	R045-1	R045-1-B2	Chip	2869	Discard	2875-2866
R045	R045-1	R045-1-B2	Chip	2853	Discard	2860-2844
R045	R045-1	R045-1-B2	Chip	2725	Discard	2734-2720
R045	R045-1	R045-1-B2	Chip	1732	Discard	1738-1723
R045	R045-1	R045-1-B2	Chip	1695	Discard	1704-1693
R045	R045-1	R045-1-B2	Chip	1603	Discard	1606-1600
R045	R045-1	R045-1-B2	Chip	1539	Discard	1543-1536
R045	R045-1	R045-1-B2	Chip	1460	Discard	1463-1454
R045	R045-1	R045-1-B2	Chip	1377	Discard	1380-1374
R045	R045-1	R045-1-B2	Chip	1128	Residue	
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R045	R045-1	R045-1-B2	Chip	894	Discard	913-887
R045	R045-1	R045-1-B2	Chip	760	Discard	769-751
R045	R045-1	R045-1-B2	Chip	700	Discard	705-695
R045	R045-1	R045-1-B3	Chip	3061	Discard	3070-3055
R045	R045-1	R045-1-B3	Chip	3019	Discard	3028-3016
R045	R045-1	R045-1-B3	Chip	2954	Discard	2960-2951
R045	R045-1	R045-1-B3	Chip	2924	Discard	2930-2918
R045	R045-1	R045-1-B3	Chip	2872	Discard	2875-2866
R045	R045-1	R045-1-B3	Chip	2853	Discard	2860-2844
R045	R045-1	R045-1-B3	Chip	1735	Discard	1738-1723
R045	R045-1	R045-1-B3	Chip	1698	Discard	1704-1693
R045	R045-1	R045-1-B3	Chip	1606	Discard	1606-1600
R045	R045-1	R045-1-B3	Chip	1539	Discard	1543-1536
R045	R045-1	R045-1-B3	Chip	1457	Discard	1463-1454
R045	R045-1	R045-1-B3	Chip	1377	Discard	1380-1374
R045	R045-1	R045-1-B3	Chip	899	Discard	913-887
R045	R045-1	R045-1-B3	Chip	766	Discard	769-751
R045	R045-1	R045-1-B3	Chip	702	Discard	705-695
R045	R045-BODY	R045-BODY-B1	Body	3541	Discard	3568-3524
R045	R045-BODY	R045-BODY-B1	Body	3539	Discard	3568-3524
R045	R045-BODY	R045-BODY-B1	Body	3043		
R045	R045-BODY	R045-BODY-B1	Body	3021	Discard	3028-3016
R045	R045-BODY	R045-BODY-B1	Body	2954	Discard	2960-2951
R045	R045-BODY	R045-BODY-B1	Body	2921	Discard	2930-2918
R045	R045-BODY	R045-BODY-B1	Body	2866	Discard	2875-2866
R045	R045-BODY	R045-BODY-B1	Body	2850	Discard	2860-2844
R045	R045-BODY	R045-BODY-B1	Body	2725	Discard	2734-2720
R045	R045-BODY	R045-BODY-B1	Body	1726	Discard	1738-1723
R045	R045-BODY	R045-BODY-B1	Body	1726	Discard	1738-1723
R045	R045-BODY	R045-BODY-B1	Body	1695	Discard	1704-1693
R045	R045-BODY	R045-BODY-B1	Body	1600	Discard	1606-1600
R045	R045-BODY	R045-BODY-B1	Body	1536	Discard	1543-1536
R045	R045-BODY	R045-BODY-B1	Body	1496	Discard	1497-1493
R045	R045-BODY	R045-BODY-B1	Body	1460	Discard	1463-1454
R045	R045-BODY	R045-BODY-B1	Body	1377	Discard	1380-1374
R045	R045-BODY	R045-BODY-B1	Body	1307	Discard	1310-1306
R045	R045-BODY	R045-BODY-B1	Body	1270	Discard	1276-1266
R045	R045-BODY	R045-BODY-B1	Body	894	Discard	913-887
R045	R045-BODY	R045-BODY-B1	Body	769	Discard	769-751
R045	R045-BODY	R045-BODY-B1	Body	702	Discard	705-695
R045	R045-BODY	R045-BODY-B2	Body	3534	Discard	3568-3524
R045	R045-BODY	R045-BODY-B2	Body	3063	Discard	3070-3055
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R045	R045-BODY	R045-BODY-B2	Body	3021	Discard	3028-3016
R045	R045-BODY	R045-BODY-B2	Body	2951	Discard	2960-2951
R045	R045-BODY	R045-BODY-B2	Body	2924	Discard	2930-2918
R045	R045-BODY	R045-BODY-B2	Body	2866	Discard	2875-2866
R045	R045-BODY	R045-BODY-B2	Body	2850	Discard	2860-2844
R045	R045-BODY	R045-BODY-B2	Body	2725	Discard	2734-2720
R045	R045-BODY	R045-BODY-B2	Body	2361		
R045	R045-BODY	R045-BODY-B2	Body	2341		
R045	R045-BODY	R045-BODY-B2	Body	1726	Discard	1738-1723
R045	R045-BODY	R045-BODY-B2	Body	1698	Discard	1704-1693
R045	R045-BODY	R045-BODY-B2	Body	1652		
R045	R045-BODY	R045-BODY-B2	Body	1600	Discard	1606-1600
R045	R045-BODY	R045-BODY-B2	Body	1539	Discard	1543-1536
R045	R045-BODY	R045-BODY-B2	Body	1506		
R045	R045-BODY	R045-BODY-B2	Body	1493	Discard	1497-1493
R045	R045-BODY	R045-BODY-B2	Body	1460	Discard	1463-1454
R045	R045-BODY	R045-BODY-B2	Body	1377	Discard	1380-1374
R045	R045-BODY	R045-BODY-B2	Body	1310	Discard	1310-1306
R045	R045-BODY	R045-BODY-B2	Body	1270	Discard	1276-1266
R045	R045-BODY	R045-BODY-B2	Body	1249	Discard	1252-1246
R045	R045-BODY	R045-BODY-B2	Body	892	Discard	913-887
R045	R045-BODY	R045-BODY-B2	Body	778		
R045	R045-BODY	R045-BODY-B2	Body	759	Discard	769-751
R045	R045-BODY	R045-BODY-B2	Body	696	Discard	705-695
R045	R045-BODY	R045-BODY-B3	Body	3536	Discard	3568-3524
R045	R045-BODY	R045-BODY-B3	Body	3058	Discard	3070-3055
R045	R045-BODY	R045-BODY-B3	Body	3024	Discard	3028-3016
R045	R045-BODY	R045-BODY-B3	Body	2954	Discard	2960-2951
R045	R045-BODY	R045-BODY-B3	Body	2924	Discard	2930-2918
R045	R045-BODY	R045-BODY-B3	Body	2869	Discard	2875-2866
R045	R045-BODY	R045-BODY-B3	Body	2853	Discard	2860-2844
R045	R045-BODY	R045-BODY-B3	Body	2728	Discard	2734-2720
R045	R045-BODY	R045-BODY-B3	Body	1695	Discard	1704-1693
R045	R045-BODY	R045-BODY-B3	Body	1603	Discard	1606-1600
R045	R045-BODY	R045-BODY-B3	Body	1539	Discard	1543-1536
R045	R045-BODY	R045-BODY-B3	Body	1493	Discard	1497-1493
R045	R045-BODY	R045-BODY-B3	Body	1457	Discard	1463-1454
R045	R045-BODY	R045-BODY-B3	Body	1377	Discard	1380-1374
R045	R045-BODY	R045-BODY-B3	Body	1307	Discard	1310-1306
R045	R045-BODY	R045-BODY-B3	Body	1267	Discard	1276-1266
R045	R045-BODY	R045-BODY-B3	Body	1249	Discard	1252-1246
R045	R045-BODY	R045-BODY-B3	Body	894	Discard	913-887
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R045	R045-BODY	R045-BODY-B3	Body	761	Discard	769-751
R045	R045-BODY	R045-BODY-B3	Body	699	Discard	705-695
R046	R046-1	R046-1-B1	Chip	3526	Discard	3568-3524
R046	R046-1	R046-1-B1	Chip	3061	Discard	3070-3055
R046	R046-1	R046-1-B1	Chip	3021	Discard	3028-3016
R046	R046-1	R046-1-B1	Chip	2953	Discard	2960-2951
R046	R046-1	R046-1-B1	Chip	2922	Discard	2930-2918
R046	R046-1	R046-1-B1	Chip	2870	Discard	2875-2866
R046	R046-1	R046-1-B1	Chip	2858	Discard	2860-2844
R046	R046-1	R046-1-B1	Chip	2725	Discard	2734-2720
R046	R046-1	R046-1-B1	Chip	1731	Discard	1738-1723
R046	R046-1	R046-1-B1	Chip	1697	Discard	1704-1693
R046	R046-1	R046-1-B1	Chip	1605	Discard	1606-1600
R046	R046-1	R046-1-B1	Chip	1540	Discard	1543-1536
R046	R046-1	R046-1-B1	Chip	1513		
R046	R046-1	R046-1-B1	Chip	1497	Discard	1497-1493
R046	R046-1	R046-1-B1	Chip	1457	Discard	1463-1454
R046	R046-1	R046-1-B1	Chip	1374	Discard	1380-1374
R046	R046-1	R046-1-B1	Chip	1306	Discard	1310-1306
R046	R046-1	R046-1-B1	Chip	1269	Discard	1276-1266
R046	R046-1	R046-1-B1	Chip	1251	Discard	1252-1246
R046	R046-1	R046-1-B1	Chip	1174		
R046	R046-1	R046-1-B1	Chip	1020		
R046	R046-1	R046-1-B1	Chip	965		
R046	R046-1	R046-1-B1	Chip	903	Discard	913-887
R046	R046-1	R046-1-B1	Chip	882	Residue	
R046	R046-1	R046-1-B1	Chip	820		
R046	R046-1	R046-1-B1	Chip	746		
R046	R046-1	R046-1-B1	Chip	700	Discard	705-695
R046	R046-1	R046-1-B2	Chip	3531	Discard	3568-3524
R046	R046-1	R046-1-B2	Chip	3061	Discard	3070-3055
R046	R046-1	R046-1-B2	Chip	2957	Discard	2960-2951
R046	R046-1	R046-1-B2	Chip	2921	Discard	2930-2918
R046	R046-1	R046-1-B2	Chip	2869	Discard	2875-2866
R046	R046-1	R046-1-B2	Chip	2853	Discard	2860-2844
R046	R046-1	R046-1-B2	Chip	2728	Discard	2734-2720
R046	R046-1	R046-1-B2	Chip	1732	Discard	1738-1723
R046	R046-1	R046-1-B2	Chip	1732	Discard	1738-1723
R046	R046-1	R046-1-B2	Chip	1698	Discard	1704-1693
R046	R046-1	R046-1-B2	Chip	1698	Discard	1704-1693
R046	R046-1	R046-1-B2	Chip	1600	Discard	1606-1600
R046	R046-1	R046-1-B2	Chip	1539	Discard	1543-1536
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R046	R046-1	R046-1-B2	Chip	1493	Discard	1497-1493
R046	R046-1	R046-1-B2	Chip	1457	Discard	1463-1454
R046	R046-1	R046-1-B2	Chip	1377	Discard	1380-1374
R046	R046-1	R046-1-B2	Chip	1307	Discard	1310-1306
R046	R046-1	R046-1-B2	Chip	1267	Discard	1276-1266
R046	R046-1	R046-1-B2	Chip	1252	Discard	1252-1246
R046	R046-1	R046-1-B2	Chip	889	Discard	913-887
R046	R046-1	R046-1-B2	Chip	754	Discard	769-751
R046	R046-1	R046-1-B2	Chip	699	Discard	705-695
R046	R046-1	R046-1-B3	Chip	3533	Discard	3568-3524
R046	R046-1	R046-1-B3	Chip	3063	Discard	3070-3055
R046	R046-1	R046-1-B3	Chip	3021	Discard	3028-3016
R046	R046-1	R046-1-B3	Chip	2956	Discard	2960-2951
R046	R046-1	R046-1-B3	Chip	2925	Discard	2930-2918
R046	R046-1	R046-1-B3	Chip	2870	Discard	2875-2866
R046	R046-1	R046-1-B3	Chip	2855	Discard	2860-2844
R046	R046-1	R046-1-B3	Chip	1731	Discard	1738-1723
R046	R046-1	R046-1-B3	Chip	1699	Discard	1704-1693
R046	R046-1	R046-1-B3	Chip	1540	Discard	1543-1536
R046	R046-1	R046-1-B3	Chip	1460	Discard	1463-1454
R046	R046-1	R046-1-B3	Chip	1377	Discard	1380-1374
R046	R046-1	R046-1-B3	Chip	902	Discard	913-887
R046	R046-1	R046-1-B3	Chip	765	Discard	769-751
R046	R046-1	R046-1-B3	Chip	764	Discard	769-751
R046	R046-BODY	R046-BODY-B1	Body	3536	Discard	3568-3524
R046	R046-BODY	R046-BODY-B1	Body	3067	Discard	3070-3055
R046	R046-BODY	R046-BODY-B1	Body	3024	Discard	3028-3016
R046	R046-BODY	R046-BODY-B1	Body	2953	Discard	2960-2951
R046	R046-BODY	R046-BODY-B1	Body	2922	Discard	2930-2918
R046	R046-BODY	R046-BODY-B1	Body	2870	Discard	2875-2866
R046	R046-BODY	R046-BODY-B1	Body	2858	Discard	2860-2844
R046	R046-BODY	R046-BODY-B1	Body	2728	Discard	2734-2720
R046	R046-BODY	R046-BODY-B1	Body	1737	Discard	1738-1723
R046	R046-BODY	R046-BODY-B1	Body	1697	Discard	1704-1693
R046	R046-BODY	R046-BODY-B1	Body	1602	Discard	1606-1600
R046	R046-BODY	R046-BODY-B1	Body	1540	Discard	1543-1536
R046	R046-BODY	R046-BODY-B1	Body	1513		
R046	R046-BODY	R046-BODY-B1	Body	1494	Discard	1497-1493
R046	R046-BODY	R046-BODY-B1	Body	1457	Discard	1463-1454
R046	R046-BODY	R046-BODY-B1	Body	1377	Discard	1380-1374
R046	R046-BODY	R046-BODY-B1	Body	1306	Discard	1310-1306
R046	R046-BODY	R046-BODY-B1	Body	1266	Discard	1276-1266
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R046	R046-BODY	R046-BODY-B1	Body	1251	Discard	1252-1246
R046	R046-BODY	R046-BODY-B1	Body	891	Discard	913-887
R046	R046-BODY	R046-BODY-B1	Body	755	Discard	769-751
R046	R046-BODY	R046-BODY-B1	Body	700	Discard	705-695
R046	R046-BODY	R046-BODY-B2	Body	3058	Discard	3070-3055
R046	R046-BODY	R046-BODY-B2	Body	3021	Discard	3028-3016
R046	R046-BODY	R046-BODY-B2	Body	2953	Discard	2960-2951
R046	R046-BODY	R046-BODY-B2	Body	2922	Discard	2930-2918
R046	R046-BODY	R046-BODY-B2	Body	2867	Discard	2875-2866
R046	R046-BODY	R046-BODY-B2	Body	2852	Discard	2860-2844
R046	R046-BODY	R046-BODY-B2	Body	1734	Discard	1738-1723
R046	R046-BODY	R046-BODY-B2	Body	1697	Discard	1704-1693
R046	R046-BODY	R046-BODY-B2	Body	1540	Discard	1543-1536
R046	R046-BODY	R046-BODY-B2	Body	1457	Discard	1463-1454
R046	R046-BODY	R046-BODY-B2	Body	1374	Discard	1380-1374
R046	R046-BODY	R046-BODY-B2	Body	902	Discard	913-887
R046	R046-BODY	R046-BODY-B2	Body	766	Discard	769-751
R046	R046-BODY	R046-BODY-B2	Body	697	Discard	705-695
R046	R046-BODY	R046-BODY-B3	Body	3066	Discard	3070-3055
R046	R046-BODY	R046-BODY-B3	Body	3028	Discard	3028-3016
R046	R046-BODY	R046-BODY-B3	Body	2953	Discard	2960-2951
R046	R046-BODY	R046-BODY-B3	Body	2922	Discard	2930-2918
R046	R046-BODY	R046-BODY-B3	Body	2870	Discard	2875-2866
R046	R046-BODY	R046-BODY-B3	Body	2855	Discard	2860-2844
R046	R046-BODY	R046-BODY-B3	Body	1731	Discard	1738-1723
R046	R046-BODY	R046-BODY-B3	Body	1697	Discard	1704-1693
R046	R046-BODY	R046-BODY-B3	Body	1605	Discard	1606-1600
R046	R046-BODY	R046-BODY-B3	Body	1540	Discard	1543-1536
R046	R046-BODY	R046-BODY-B3	Body	1457	Discard	1463-1454
R046	R046-BODY	R046-BODY-B3	Body	1374	Discard	1380-1374
R046	R046-BODY	R046-BODY-B3	Body	904	Discard	913-887
R046	R046-BODY	R046-BODY-B3	Body	762	Discard	769-751
R046	R046-BODY	R046-BODY-B3	Body	704	Discard	705-695
R048	R048-1	R048-1-B1	Chip	3568	Discard	3568-3524
R048	R048-1	R048-1-B1	Chip	3064	Discard	3070-3055
R048	R048-1	R048-1-B1	Chip	3019	Discard	3028-3016
R048	R048-1	R048-1-B1	Chip	2954	Discard	2960-2951
R048	R048-1	R048-1-B1	Chip	2918	Discard	2930-2918
R048	R048-1	R048-1-B1	Chip	2728	Discard	2734-2720
R048	R048-1	R048-1-B1	Chip	2361		
R048	R048-1	R048-1-B1	Chip	1982		
R048	R048-1	R048-1-B1	Chip	1732	Discard	1738-1723
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R048	R048-1	R048-1-B1	Chip	1701	Discard	1704-1693
R048	R048-1	R048-1-B1	Chip	1649		
R048	R048-1	R048-1-B1	Chip	1603	Discard	1606-1600
R048	R048-1	R048-1-B1	Chip	1518		
R048	R048-1	R048-1-B1	Chip	1493	Discard	1497-1493
R048	R048-1	R048-1-B1	Chip	1457	Discard	1463-1454
R048	R048-1	R048-1-B1	Chip	1377	Discard	1380-1374
R048	R048-1	R048-1-B1	Chip	1310	Discard	1310-1306
R048	R048-1	R048-1-B1	Chip	1270	Discard	1276-1266
R048	R048-1	R048-1-B1	Chip	1249	Discard	1252-1246
R048	R048-1	R048-1-B1	Chip	998		
R048	R048-1	R048-1-B1	Chip	962		
R048	R048-1	R048-1-B1	Chip	894	Discard	913-887
R048	R048-1	R048-1-B1	Chip	778		
R048	R048-1	R048-1-B1	Chip	757	Discard	769-751
R048	R048-1	R048-1-B1	Chip	745		
R048	R048-1	R048-1-B1	Chip	699	Discard	705-695
R048	R048-1	R048-1-B2	Chip	3541	Discard	3568-3524
R048	R048-1	R048-1-B2	Chip	3061	Discard	3070-3055
R048	R048-1	R048-1-B2	Chip	3025	Discard	3028-3016
R048	R048-1	R048-1-B2	Chip	2951	Discard	2960-2951
R048	R048-1	R048-1-B2	Chip	2927	Discard	2930-2918
R048	R048-1	R048-1-B2	Chip	2872	Discard	2875-2866
R048	R048-1	R048-1-B2	Chip	2857	Discard	2860-2844
R048	R048-1	R048-1-B2	Chip	2728	Discard	2734-2720
R048	R048-1	R048-1-B2	Chip	1698	Discard	1704-1693
R048	R048-1	R048-1-B2	Chip	1603	Discard	1606-1600
R048	R048-1	R048-1-B2	Chip	1539	Discard	1543-1536
R048	R048-1	R048-1-B2	Chip	1496	Discard	1497-1493
R048	R048-1	R048-1-B2	Chip	1457	Discard	1463-1454
R048	R048-1	R048-1-B2	Chip	1377	Discard	1380-1374
R048	R048-1	R048-1-B2	Chip	1307	Discard	1310-1306
R048	R048-1	R048-1-B2	Chip	1273	Discard	1276-1266
R048	R048-1	R048-1-B2	Chip	1249	Discard	1252-1246
R048	R048-1	R048-1-B2	Chip	904	Discard	913-887
R048	R048-1	R048-1-B2	Chip	757	Discard	769-751
R048	R048-1	R048-1-B2	Chip	702	Discard	705-695
R048	R048-1	R048-1-B3	Chip	3538	Discard	3568-3524
R048	R048-1	R048-1-B3	Chip	3070	Discard	3070-3055
R048	R048-1	R048-1-B3	Chip	3019	Discard	3028-3016
R048	R048-1	R048-1-B3	Chip	2954	Discard	2960-2951
R048	R048-1	R048-1-B3	Chip	2924	Discard	2930-2918
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R048	R048-1	R048-1-B3	Chip	2866	Discard	2875-2866
R048	R048-1	R048-1-B3	Chip	2853	Discard	2860-2844
R048	R048-1	R048-1-B3	Chip	1732	Discard	1738-1723
R048	R048-1	R048-1-B3	Chip	1698	Discard	1704-1693
R048	R048-1	R048-1-B3	Chip	1600	Discard	1606-1600
R048	R048-1	R048-1-B3	Chip	1542	Discard	1543-1536
R048	R048-1	R048-1-B3	Chip	1512		
R048	R048-1	R048-1-B3	Chip	1490		
R048	R048-1	R048-1-B3	Chip	1460	Discard	1463-1454
R048	R048-1	R048-1-B3	Chip	1377	Discard	1380-1374
R048	R048-1	R048-1-B3	Chip	1304		
R048	R048-1	R048-1-B3	Chip	1252	Discard	1252-1246
R048	R048-1	R048-1-B3	Chip	904	Discard	913-887
R048	R048-1	R048-1-B3	Chip	757	Discard	769-751
R048	R048-1	R048-1-B3	Chip	699	Discard	705-695
R048	R048-2	R048-2-B1	Chip	3535	Discard	3568-3524
R048	R048-2	R048-2-B1	Chip	3061	Discard	3070-3055
R048	R048-2	R048-2-B1	Chip	3022	Discard	3028-3016
R048	R048-2	R048-2-B1	Chip	2954	Discard	2960-2951
R048	R048-2	R048-2-B1	Chip	2924	Discard	2930-2918
R048	R048-2	R048-2-B1	Chip	2869	Discard	2875-2866
R048	R048-2	R048-2-B1	Chip	2853	Discard	2860-2844
R048	R048-2	R048-2-B1	Chip	2728	Discard	2734-2720
R048	R048-2	R048-2-B1	Chip	2355		
R048	R048-2	R048-2-B1	Chip	2129		
R048	R048-2	R048-2-B1	Chip	2108		
R048	R048-2	R048-2-B1	Chip	1735	Discard	1738-1723
R048	R048-2	R048-2-B1	Chip	1701	Discard	1704-1693
R048	R048-2	R048-2-B1	Chip	1603	Discard	1606-1600
R048	R048-2	R048-2-B1	Chip	1539	Discard	1543-1536
R048	R048-2	R048-2-B1	Chip	1515		
R048	R048-2	R048-2-B1	Chip	1496	Discard	1497-1493
R048	R048-2	R048-2-B1	Chip	1457	Discard	1463-1454
R048	R048-2	R048-2-B1	Chip	1377	Discard	1380-1374
R048	R048-2	R048-2-B1	Chip	1307	Discard	1310-1306
R048	R048-2	R048-2-B1	Chip	1270	Discard	1276-1266
R048	R048-2	R048-2-B1	Chip	1255		
R048	R048-2	R048-2-B1	Chip	904	Discard	913-887
R048	R048-2	R048-2-B1	Chip	757	Discard	769-751
R048	R048-2	R048-2-B1	Chip	696	Discard	705-695
R048	R048-2	R048-2-B2	Chip	3532	Discard	3568-3524
R048	R048-2	R048-2-B2	Chip	3064	Discard	3070-3055
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R048	R048-2	R048-2-B2	Chip	3022	Discard	3028-3016
R048	R048-2	R048-2-B2	Chip	2954	Discard	2960-2951
R048	R048-2	R048-2-B2	Chip	2921	Discard	2930-2918
R048	R048-2	R048-2-B2	Chip	2869	Discard	2875-2866
R048	R048-2	R048-2-B2	Chip	2853	Discard	2860-2844
R048	R048-2	R048-2-B2	Chip	2725	Discard	2734-2720
R048	R048-2	R048-2-B2	Chip	1726	Discard	1738-1723
R048	R048-2	R048-2-B2	Chip	1695	Discard	1704-1693
R048	R048-2	R048-2-B2	Chip	1600	Discard	1606-1600
R048	R048-2	R048-2-B2	Chip	1539	Discard	1543-1536
R048	R048-2	R048-2-B2	Chip	1493	Discard	1497-1493
R048	R048-2	R048-2-B2	Chip	1460	Discard	1463-1454
R048	R048-2	R048-2-B2	Chip	1377	Discard	1380-1374
R048	R048-2	R048-2-B2	Chip	1307	Discard	1310-1306
R048	R048-2	R048-2-B2	Chip	1273	Discard	1276-1266
R048	R048-2	R048-2-B2	Chip	1249	Discard	1252-1246
R048	R048-2	R048-2-B2	Chip	900	Discard	913-887
R048	R048-2	R048-2-B2	Chip	757	Discard	769-751
R048	R048-2	R048-2-B2	Chip	699	Discard	705-695
R048	R048-2	R048-2-B3	Chip	3067	Discard	3070-3055
R048	R048-2	R048-2-B3	Chip	3019	Discard	3028-3016
R048	R048-2	R048-2-B3	Chip	2957	Discard	2960-2951
R048	R048-2	R048-2-B3	Chip	2921	Discard	2930-2918
R048	R048-2	R048-2-B3	Chip	2866	Discard	2875-2866
R048	R048-2	R048-2-B3	Chip	2850	Discard	2860-2844
R048	R048-2	R048-2-B3	Chip	1729	Discard	1738-1723
R048	R048-2	R048-2-B3	Chip	1695	Discard	1704-1693
R048	R048-2	R048-2-B3	Chip	1600	Discard	1606-1600
R048	R048-2	R048-2-B3	Chip	1539	Discard	1543-1536
R048	R048-2	R048-2-B3	Chip	1496	Discard	1497-1493
R048	R048-2	R048-2-B3	Chip	1454	Discard	1463-1454
R048	R048-2	R048-2-B3	Chip	1402		
R048	R048-2	R048-2-B3	Chip	1374	Discard	1380-1374
R048	R048-2	R048-2-B3	Chip	1307	Discard	1310-1306
R048	R048-2	R048-2-B3	Chip	1267	Discard	1276-1266
R048	R048-2	R048-2-B3	Chip	900	Discard	913-887
R048	R048-2	R048-2-B3	Chip	757	Discard	769-751
R048	R048-2	R048-2-B3	Chip	699	Discard	705-695
R048	R048-BODY	R048-BODY-B1	Body	3364	Discard	3422-3281
R048	R048-BODY	R048-BODY-B1	Body	3067	Discard	3070-3055
R048	R048-BODY	R048-BODY-B1	Body	3022	Discard	3028-3016
R048	R048-BODY	R048-BODY-B1	Body	2951	Discard	2960-2951
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R048	R048-BODY	R048-BODY-B1	Body	2918	Discard	2930-2918
R048	R048-BODY	R048-BODY-B1	Body	2869	Discard	2875-2866
R048	R048-BODY	R048-BODY-B1	Body	2853	Discard	2860-2844
R048	R048-BODY	R048-BODY-B1	Body	2728	Discard	2734-2720
R048	R048-BODY	R048-BODY-B1	Body	2352		
R048	R048-BODY	R048-BODY-B1	Body	2322		
R048	R048-BODY	R048-BODY-B1	Body	1989		
R048	R048-BODY	R048-BODY-B1	Body	1882		
R048	R048-BODY	R048-BODY-B1	Body	1735	Discard	1738-1723
R048	R048-BODY	R048-BODY-B1	Body	1695	Discard	1704-1693
R048	R048-BODY	R048-BODY-B1	Body	1603	Discard	1606-1600
R048	R048-BODY	R048-BODY-B1	Body	1539	Discard	1543-1536
R048	R048-BODY	R048-BODY-B1	Body	1496	Discard	1497-1493
R048	R048-BODY	R048-BODY-B1	Body	1457	Discard	1463-1454
R048	R048-BODY	R048-BODY-B1	Body	1402		
R048	R048-BODY	R048-BODY-B1	Body	1374	Discard	1380-1374
R048	R048-BODY	R048-BODY-B1	Body	1310	Discard	1310-1306
R048	R048-BODY	R048-BODY-B1	Body	1270	Discard	1276-1266
R048	R048-BODY	R048-BODY-B1	Body	1249	Discard	1252-1246
R048	R048-BODY	R048-BODY-B1	Body	1053		
R048	R048-BODY	R048-BODY-B1	Body	1032		
R048	R048-BODY	R048-BODY-B1	Body	907	Discard	913-887
R048	R048-BODY	R048-BODY-B1	Body	793		
R048	R048-BODY	R048-BODY-B1	Body	696	Discard	705-695
R048	R048-BODY	R048-BODY-B1	Body	613		
R048	R048-BODY	R048-BODY-B2	Body	3532	Discard	3568-3524
R048	R048-BODY	R048-BODY-B2	Body	3064	Discard	3070-3055
R048	R048-BODY	R048-BODY-B2	Body	3025	Discard	3028-3016
R048	R048-BODY	R048-BODY-B2	Body	2954	Discard	2960-2951
R048	R048-BODY	R048-BODY-B2	Body	2924	Discard	2930-2918
R048	R048-BODY	R048-BODY-B2	Body	2869	Discard	2875-2866
R048	R048-BODY	R048-BODY-B2	Body	2853	Discard	2860-2844
R048	R048-BODY	R048-BODY-B2	Body	2731	Discard	2734-2720
R048	R048-BODY	R048-BODY-B2	Body	1732	Discard	1738-1723
R048	R048-BODY	R048-BODY-B2	Body	1698	Discard	1704-1693
R048	R048-BODY	R048-BODY-B2	Body	1603	Discard	1606-1600
R048	R048-BODY	R048-BODY-B2	Body	1536	Discard	1543-1536
R048	R048-BODY	R048-BODY-B2	Body	1496	Discard	1497-1493
R048	R048-BODY	R048-BODY-B2	Body	1454	Discard	1463-1454
R048	R048-BODY	R048-BODY-B2	Body	1377	Discard	1380-1374
R048	R048-BODY	R048-BODY-B2	Body	1307	Discard	1310-1306
R048	R048-BODY	R048-BODY-B2	Body	1273	Discard	1276-1266
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R048	R048-BODY	R048-BODY-B2	Body	900	Discard	913-887
R048	R048-BODY	R048-BODY-B2	Body	760	Discard	769-751
R048	R048-BODY	R048-BODY-B2	Body	702	Discard	705-695
R048	R048-BODY	R048-BODY-B3	Body	3361	Discard	3422-3281
R048	R048-BODY	R048-BODY-B3	Body	3064	Discard	3070-3055
R048	R048-BODY	R048-BODY-B3	Body	3022	Discard	3028-3016
R048	R048-BODY	R048-BODY-B3	Body	2951	Discard	2960-2951
R048	R048-BODY	R048-BODY-B3	Body	2924	Discard	2930-2918
R048	R048-BODY	R048-BODY-B3	Body	2869	Discard	2875-2866
R048	R048-BODY	R048-BODY-B3	Body	2853	Discard	2860-2844
R048	R048-BODY	R048-BODY-B3	Body	2728	Discard	2734-2720
R048	R048-BODY	R048-BODY-B3	Body	2358		
R048	R048-BODY	R048-BODY-B3	Body	2325		
R048	R048-BODY	R048-BODY-B3	Body	2166		
R048	R048-BODY	R048-BODY-B3	Body	1979		
R048	R048-BODY	R048-BODY-B3	Body	1732	Discard	1738-1723
R048	R048-BODY	R048-BODY-B3	Body	1698	Discard	1704-1693
R048	R048-BODY	R048-BODY-B3	Body	1600	Discard	1606-1600
R048	R048-BODY	R048-BODY-B3	Body	1539	Discard	1543-1536
R048	R048-BODY	R048-BODY-B3	Body	1493	Discard	1497-1493
R048	R048-BODY	R048-BODY-B3	Body	1454	Discard	1463-1454
R048	R048-BODY	R048-BODY-B3	Body	1426		
R048	R048-BODY	R048-BODY-B3	Body	1377	Discard	1380-1374
R048	R048-BODY	R048-BODY-B3	Body	1307	Discard	1310-1306
R048	R048-BODY	R048-BODY-B3	Body	1270	Discard	1276-1266
R048	R048-BODY	R048-BODY-B3	Body	1026		
R048	R048-BODY	R048-BODY-B3	Body	971		
R048	R048-BODY	R048-BODY-B3	Body	900	Discard	913-887
R048	R048-BODY	R048-BODY-B3	Body	797		
R048	R048-BODY	R048-BODY-B3	Body	778		
R048	R048-BODY	R048-BODY-B3	Body	745		
R048	R048-BODY	R048-BODY-B3	Body	702	Discard	705-695
R048	R048-BODY	R048-BODY-B3	Body	622		
R049	R049-1	R049-1-B1	Chip	3535	Discard	3568-3524
R049	R049-1	R049-1-B1	Chip	3064	Discard	3070-3055
R049	R049-1	R049-1-B1	Chip	3022	Discard	3028-3016
R049	R049-1	R049-1-B1	Chip	2957	Discard	2960-2951
R049	R049-1	R049-1-B1	Chip	2924	Discard	2930-2918
R049	R049-1	R049-1-B1	Chip	2872	Discard	2875-2866
R049	R049-1	R049-1-B1	Chip	2853	Discard	2860-2844
R049	R049-1	R049-1-B1	Chip	2728	Discard	2734-2720
R049	R049-1	R049-1-B1	Chip	1982		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R049	R049-1	R049-1-B1	Chip	1723	Discard	1738-1723
R049	R049-1	R049-1-B1	Chip	1701	Discard	1704-1693
R049	R049-1	R049-1-B1	Chip	1603	Discard	1606-1600
R049	R049-1	R049-1-B1	Chip	1539	Discard	1543-1536
R049	R049-1	R049-1-B1	Chip	1496	Discard	1497-1493
R049	R049-1	R049-1-B1	Chip	1460	Discard	1463-1454
R049	R049-1	R049-1-B1	Chip	1377	Discard	1380-1374
R049	R049-1	R049-1-B1	Chip	1310	Discard	1310-1306
R049	R049-1	R049-1-B1	Chip	1270	Discard	1276-1266
R049	R049-1	R049-1-B1	Chip	1249	Discard	1252-1246
R049	R049-1	R049-1-B1	Chip	1017		
R049	R049-1	R049-1-B1	Chip	965		
R049	R049-1	R049-1-B1	Chip	897	Discard	913-887
R049	R049-1	R049-1-B1	Chip	797		
R049	R049-1	R049-1-B1	Chip	788		
R049	R049-1	R049-1-B1	Chip	757	Discard	769-751
R049	R049-1	R049-1-B1	Chip	699	Discard	705-695
R049	R049-1	R049-1-B2	Chip	3535	Discard	3568-3524
R049	R049-1	R049-1-B2	Chip	3067	Discard	3070-3055
R049	R049-1	R049-1-B2	Chip	3022	Discard	3028-3016
R049	R049-1	R049-1-B2	Chip	2954	Discard	2960-2951
R049	R049-1	R049-1-B2	Chip	2869	Discard	2875-2866
R049	R049-1	R049-1-B2	Chip	2853	Discard	2860-2844
R049	R049-1	R049-1-B2	Chip	2361		
R049	R049-1	R049-1-B2	Chip	2331		
R049	R049-1	R049-1-B2	Chip	1729	Discard	1738-1723
R049	R049-1	R049-1-B2	Chip	1726	Discard	1738-1723
R049	R049-1	R049-1-B2	Chip	1701	Discard	1704-1693
R049	R049-1	R049-1-B2	Chip	1603	Discard	1606-1600
R049	R049-1	R049-1-B2	Chip	1536	Discard	1543-1536
R049	R049-1	R049-1-B2	Chip	1493	Discard	1497-1493
R049	R049-1	R049-1-B2	Chip	1454	Discard	1463-1454
R049	R049-1	R049-1-B2	Chip	1374	Discard	1380-1374
R049	R049-1	R049-1-B2	Chip	1304		
R049	R049-1	R049-1-B2	Chip	1252	Discard	1252-1246
R049	R049-1	R049-1-B2	Chip	904	Discard	913-887
R049	R049-1	R049-1-B2	Chip	766	Discard	769-751
R049	R049-1	R049-1-B2	Chip	702	Discard	705-695
R049	R049-1	R049-1-B3	Chip	2954	Discard	2960-2951
R049	R049-1	R049-1-B3	Chip	2921	Discard	2930-2918
R049	R049-1	R049-1-B3	Chip	2872	Discard	2875-2866
R049	R049-1	R049-1-B3	Chip	2853	Discard	2860-2844
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R049	R049-1	R049-1-B3	Chip	1726	Discard	1738-1723
R049	R049-1	R049-1-B3	Chip	1701	Discard	1704-1693
R049	R049-1	R049-1-B3	Chip	1603	Discard	1606-1600
R049	R049-1	R049-1-B3	Chip	1539	Discard	1543-1536
R049	R049-1	R049-1-B3	Chip	1493	Discard	1497-1493
R049	R049-1	R049-1-B3	Chip	1460	Discard	1463-1454
R049	R049-1	R049-1-B3	Chip	1380	Discard	1380-1374
R049	R049-1	R049-1-B3	Chip	1307	Discard	1310-1306
R049	R049-1	R049-1-B3	Chip	1270	Discard	1276-1266
R049	R049-1	R049-1-B3	Chip	1252	Discard	1252-1246
R049	R049-1	R049-1-B3	Chip	900	Discard	913-887
R049	R049-1	R049-1-B3	Chip	763	Discard	769-751
R049	R049-1	R049-1-B3	Chip	699	Discard	705-695
R049	R049-2	R049-2-B1	Chip	3532	Discard	3568-3524
R049	R049-2	R049-2-B1	Chip	3064	Discard	3070-3055
R049	R049-2	R049-2-B1	Chip	3025	Discard	3028-3016
R049	R049-2	R049-2-B1	Chip	2951	Discard	2960-2951
R049	R049-2	R049-2-B1	Chip	2924	Discard	2930-2918
R049	R049-2	R049-2-B1	Chip	2872	Discard	2875-2866
R049	R049-2	R049-2-B1	Chip	2853	Discard	2860-2844
R049	R049-2	R049-2-B1	Chip	2725	Discard	2734-2720
R049	R049-2	R049-2-B1	Chip	2358		
R049	R049-2	R049-2-B1	Chip	2322		
R049	R049-2	R049-2-B1	Chip	2169		
R049	R049-2	R049-2-B1	Chip	1729	Discard	1738-1723
R049	R049-2	R049-2-B1	Chip	1701	Discard	1704-1693
R049	R049-2	R049-2-B1	Chip	1606	Discard	1606-1600
R049	R049-2	R049-2-B1	Chip	1539	Discard	1543-1536
R049	R049-2	R049-2-B1	Chip	1512		
R049	R049-2	R049-2-B1	Chip	1493	Discard	1497-1493
R049	R049-2	R049-2-B1	Chip	1457	Discard	1463-1454
R049	R049-2	R049-2-B1	Chip	1377	Discard	1380-1374
R049	R049-2	R049-2-B1	Chip	1310	Discard	1310-1306
R049	R049-2	R049-2-B1	Chip	1273	Discard	1276-1266
R049	R049-2	R049-2-B1	Chip	1249	Discard	1252-1246
R049	R049-2	R049-2-B1	Chip	897	Discard	913-887
R049	R049-2	R049-2-B1	Chip	781		
R049	R049-2	R049-2-B1	Chip	757	Discard	769-751
R049	R049-2	R049-2-B1	Chip	702	Discard	705-695
R049	R049-2	R049-2-B2	Chip	3061	Discard	3070-3055
R049	R049-2	R049-2-B2	Chip	3022	Discard	3028-3016
R049	R049-2	R049-2-B2	Chip	2954	Discard	2960-2951
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R049	R049-2	R049-2-B2	Chip	2924	Discard	2930-2918
R049	R049-2	R049-2-B2	Chip	2869	Discard	2875-2866
R049	R049-2	R049-2-B2	Chip	2853	Discard	2860-2844
R049	R049-2	R049-2-B2	Chip	1729	Discard	1738-1723
R049	R049-2	R049-2-B2	Chip	1698	Discard	1704-1693
R049	R049-2	R049-2-B2	Chip	1600	Discard	1606-1600
R049	R049-2	R049-2-B2	Chip	1539	Discard	1543-1536
R049	R049-2	R049-2-B2	Chip	1493	Discard	1497-1493
R049	R049-2	R049-2-B2	Chip	1460	Discard	1463-1454
R049	R049-2	R049-2-B2	Chip	1377	Discard	1380-1374
R049	R049-2	R049-2-B2	Chip	1307	Discard	1310-1306
R049	R049-2	R049-2-B2	Chip	1273	Discard	1276-1266
R049	R049-2	R049-2-B2	Chip	1252	Discard	1252-1246
R049	R049-2	R049-2-B2	Chip	904	Discard	913-887
R049	R049-2	R049-2-B2	Chip	757	Discard	769-751
R049	R049-2	R049-2-B2	Chip	699	Discard	705-695
R049	R049-2	R049-2-B3	Chip	3067	Discard	3070-3055
R049	R049-2	R049-2-B3	Chip	3028	Discard	3028-3016
R049	R049-2	R049-2-B3	Chip	2957	Discard	2960-2951
R049	R049-2	R049-2-B3	Chip	2927	Discard	2930-2918
R049	R049-2	R049-2-B3	Chip	2872	Discard	2875-2866
R049	R049-2	R049-2-B3	Chip	2853	Discard	2860-2844
R049	R049-2	R049-2-B3	Chip	1726	Discard	1738-1723
R049	R049-2	R049-2-B3	Chip	1698	Discard	1704-1693
R049	R049-2	R049-2-B3	Chip	1603	Discard	1606-1600
R049	R049-2	R049-2-B3	Chip	1539	Discard	1543-1536
R049	R049-2	R049-2-B3	Chip	1457	Discard	1463-1454
R049	R049-2	R049-2-B3	Chip	1377	Discard	1380-1374
R049	R049-2	R049-2-B3	Chip	1313		
R049	R049-2	R049-2-B3	Chip	1252	Discard	1252-1246
R049	R049-2	R049-2-B3	Chip	910	Discard	913-887
R049	R049-2	R049-2-B3	Chip	766	Discard	769-751
R049	R049-2	R049-2-B3	Chip	699	Discard	705-695
R049	R049-BODY	R049-BODY-B1	Body	3541	Discard	3568-3524
R049	R049-BODY	R049-BODY-B1	Body	3064	Discard	3070-3055
R049	R049-BODY	R049-BODY-B1	Body	3019	Discard	3028-3016
R049	R049-BODY	R049-BODY-B1	Body	2954	Discard	2960-2951
R049	R049-BODY	R049-BODY-B1	Body	2921	Discard	2930-2918
R049	R049-BODY	R049-BODY-B1	Body	2872	Discard	2875-2866
R049	R049-BODY	R049-BODY-B1	Body	2850	Discard	2860-2844
R049	R049-BODY	R049-BODY-B1	Body	2725	Discard	2734-2720
R049	R049-BODY	R049-BODY-B1	Body	1726	Discard	1738-1723
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R049	R049-BODY	R049-BODY-B1	Body	1698	Discard	1704-1693
R049	R049-BODY	R049-BODY-B1	Body	1600	Discard	1606-1600
R049	R049-BODY	R049-BODY-B1	Body	1539	Discard	1543-1536
R049	R049-BODY	R049-BODY-B1	Body	1515		
R049	R049-BODY	R049-BODY-B1	Body	1493	Discard	1497-1493
R049	R049-BODY	R049-BODY-B1	Body	1457	Discard	1463-1454
R049	R049-BODY	R049-BODY-B1	Body	1402		
R049	R049-BODY	R049-BODY-B1	Body	1377	Discard	1380-1374
R049	R049-BODY	R049-BODY-B1	Body	1310	Discard	1310-1306
R049	R049-BODY	R049-BODY-B1	Body	1270	Discard	1276-1266
R049	R049-BODY	R049-BODY-B1	Body	1246	Discard	1252-1246
R049	R049-BODY	R049-BODY-B1	Body	1001		
R049	R049-BODY	R049-BODY-B1	Body	965		
R049	R049-BODY	R049-BODY-B1	Body	897	Discard	913-887
R049	R049-BODY	R049-BODY-B1	Body	778		
R049	R049-BODY	R049-BODY-B1	Body	754	Discard	769-751
R049	R049-BODY	R049-BODY-B1	Body	699	Discard	705-695
R049	R049-BODY	R049-BODY-B2	Body	3070	Discard	3070-3055
R049	R049-BODY	R049-BODY-B2	Body	3025	Discard	3028-3016
R049	R049-BODY	R049-BODY-B2	Body	2957	Discard	2960-2951
R049	R049-BODY	R049-BODY-B2	Body	2927	Discard	2930-2918
R049	R049-BODY	R049-BODY-B2	Body	2872	Discard	2875-2866
R049	R049-BODY	R049-BODY-B2	Body	2857	Discard	2860-2844
R049	R049-BODY	R049-BODY-B2	Body	1729	Discard	1738-1723
R049	R049-BODY	R049-BODY-B2	Body	1701	Discard	1704-1693
R049	R049-BODY	R049-BODY-B2	Body	1600	Discard	1606-1600
R049	R049-BODY	R049-BODY-B2	Body	1542	Discard	1543-1536
R049	R049-BODY	R049-BODY-B2	Body	1493	Discard	1497-1493
R049	R049-BODY	R049-BODY-B2	Body	1460	Discard	1463-1454
R049	R049-BODY	R049-BODY-B2	Body	1380	Discard	1380-1374
R049	R049-BODY	R049-BODY-B2	Body	1304		
R049	R049-BODY	R049-BODY-B2	Body	907	Discard	913-887
R049	R049-BODY	R049-BODY-B2	Body	763	Discard	769-751
R049	R049-BODY	R049-BODY-B2	Body	696	Discard	705-695
R049	R049-BODY	R049-BODY-B3	Body	3067	Discard	3070-3055
R049	R049-BODY	R049-BODY-B3	Body	3019	Discard	3028-3016
R049	R049-BODY	R049-BODY-B3	Body	2957	Discard	2960-2951
R049	R049-BODY	R049-BODY-B3	Body	2921	Discard	2930-2918
R049	R049-BODY	R049-BODY-B3	Body	2869	Discard	2875-2866
R049	R049-BODY	R049-BODY-B3	Body	2853	Discard	2860-2844
R049	R049-BODY	R049-BODY-B3	Body	2725	Discard	2734-2720
R049	R049-BODY	R049-BODY-B3	Body	1989		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R049	R049-BODY	R049-BODY-B3	Body	1729	Discard	1738-1723
R049	R049-BODY	R049-BODY-B3	Body	1695	Discard	1704-1693
R049	R049-BODY	R049-BODY-B3	Body	1597		
R049	R049-BODY	R049-BODY-B3	Body	1539	Discard	1543-1536
R049	R049-BODY	R049-BODY-B3	Body	1496	Discard	1497-1493
R049	R049-BODY	R049-BODY-B3	Body	1457	Discard	1463-1454
R049	R049-BODY	R049-BODY-B3	Body	1377	Discard	1380-1374
R049	R049-BODY	R049-BODY-B3	Body	1307	Discard	1310-1306
R049	R049-BODY	R049-BODY-B3	Body	1273	Discard	1276-1266
R049	R049-BODY	R049-BODY-B3	Body	1252	Discard	1252-1246
R049	R049-BODY	R049-BODY-B3	Body	897	Discard	913-887
R049	R049-BODY	R049-BODY-B3	Body	766	Discard	769-751
R049	R049-BODY	R049-BODY-B3	Body	699	Discard	705-695
R050	R050-1	R050-1-B1	Chip	3532	Discard	3568-3524
R050	R050-1	R050-1-B1	Chip	3067	Discard	3070-3055
R050	R050-1	R050-1-B1	Chip	3022	Discard	3028-3016
R050	R050-1	R050-1-B1	Chip	2954	Discard	2960-2951
R050	R050-1	R050-1-B1	Chip	2924	Discard	2930-2918
R050	R050-1	R050-1-B1	Chip	2872	Discard	2875-2866
R050	R050-1	R050-1-B1	Chip	2872	Discard	2875-2866
R050	R050-1	R050-1-B1	Chip	2857	Discard	2860-2844
R050	R050-1	R050-1-B1	Chip	2725	Discard	2734-2720
R050	R050-1	R050-1-B1	Chip	1732	Discard	1738-1723
R050	R050-1	R050-1-B1	Chip	1732	Discard	1738-1723
R050	R050-1	R050-1-B1	Chip	1698	Discard	1704-1693
R050	R050-1	R050-1-B1	Chip	1603	Discard	1606-1600
R050	R050-1	R050-1-B1	Chip	1539	Discard	1543-1536
R050	R050-1	R050-1-B1	Chip	1496	Discard	1497-1493
R050	R050-1	R050-1-B1	Chip	1460	Discard	1463-1454
R050	R050-1	R050-1-B1	Chip	1380	Discard	1380-1374
R050	R050-1	R050-1-B1	Chip	1310	Discard	1310-1306
R050	R050-1	R050-1-B1	Chip	1267	Discard	1276-1266
R050	R050-1	R050-1-B1	Chip	1246	Discard	1252-1246
R050	R050-1	R050-1-B1	Chip	900	Discard	913-887
R050	R050-1	R050-1-B1	Chip	754	Discard	769-751
R050	R050-1	R050-1-B1	Chip	699	Discard	705-695
R050	R050-1	R050-1-B2	Chip	3532	Discard	3568-3524
R050	R050-1	R050-1-B2	Chip	3061	Discard	3070-3055
R050	R050-1	R050-1-B2	Chip	3025	Discard	3028-3016
R050	R050-1	R050-1-B2	Chip	2954	Discard	2960-2951
R050	R050-1	R050-1-B2	Chip	2924	Discard	2930-2918
R050	R050-1	R050-1-B2	Chip	2869	Discard	2875-2866
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R050	R050-1	R050-1-B2	Chip	2850	Discard	2860-2844
R050	R050-1	R050-1-B2	Chip	2728	Discard	2734-2720
R050	R050-1	R050-1-B2	Chip	1732	Discard	1738-1723
R050	R050-1	R050-1-B2	Chip	1701	Discard	1704-1693
R050	R050-1	R050-1-B2	Chip	1606	Discard	1606-1600
R050	R050-1	R050-1-B2	Chip	1539	Discard	1543-1536
R050	R050-1	R050-1-B2	Chip	1512		
R050	R050-1	R050-1-B2	Chip	1493	Discard	1497-1493
R050	R050-1	R050-1-B2	Chip	1457	Discard	1463-1454
R050	R050-1	R050-1-B2	Chip	1380	Discard	1380-1374
R050	R050-1	R050-1-B2	Chip	1310	Discard	1310-1306
R050	R050-1	R050-1-B2	Chip	1270	Discard	1276-1266
R050	R050-1	R050-1-B2	Chip	1252	Discard	1252-1246
R050	R050-1	R050-1-B2	Chip	897	Discard	913-887
R050	R050-1	R050-1-B2	Chip	760	Discard	769-751
R050	R050-1	R050-1-B2	Chip	702	Discard	705-695
R050	R050-1	R050-1-B3	Chip	3541	Discard	3568-3524
R050	R050-1	R050-1-B3	Chip	3067	Discard	3070-3055
R050	R050-1	R050-1-B3	Chip	3022	Discard	3028-3016
R050	R050-1	R050-1-B3	Chip	2954	Discard	2960-2951
R050	R050-1	R050-1-B3	Chip	2924	Discard	2930-2918
R050	R050-1	R050-1-B3	Chip	2869	Discard	2875-2866
R050	R050-1	R050-1-B3	Chip	2857	Discard	2860-2844
R050	R050-1	R050-1-B3	Chip	2728	Discard	2734-2720
R050	R050-1	R050-1-B3	Chip	1729	Discard	1738-1723
R050	R050-1	R050-1-B3	Chip	1695	Discard	1704-1693
R050	R050-1	R050-1-B3	Chip	1603	Discard	1606-1600
R050	R050-1	R050-1-B3	Chip	1539	Discard	1543-1536
R050	R050-1	R050-1-B3	Chip	1493	Discard	1497-1493
R050	R050-1	R050-1-B3	Chip	1457	Discard	1463-1454
R050	R050-1	R050-1-B3	Chip	1380	Discard	1380-1374
R050	R050-1	R050-1-B3	Chip	1307	Discard	1310-1306
R050	R050-1	R050-1-B3	Chip	1270	Discard	1276-1266
R050	R050-1	R050-1-B3	Chip	1255		
R050	R050-1	R050-1-B3	Chip	897	Discard	913-887
R050	R050-1	R050-1-B3	Chip	760	Discard	769-751
R050	R050-1	R050-1-B3	Chip	699	Discard	705-695
R050	R050-2	R050-2-B1	Chip	3532	Discard	3568-3524
R050	R050-2	R050-2-B1	Chip	3067	Discard	3070-3055
R050	R050-2	R050-2-B1	Chip	3019	Discard	3028-3016
R050	R050-2	R050-2-B1	Chip	2954	Discard	2960-2951
R050	R050-2	R050-2-B1	Chip	2921	Discard	2930-2918
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R050	R050-2	R050-2-B1	Chip	2869	Discard	2875-2866
R050	R050-2	R050-2-B1	Chip	2857	Discard	2860-2844
R050	R050-2	R050-2-B1	Chip	2731	Discard	2734-2720
R050	R050-2	R050-2-B1	Chip	1729	Discard	1738-1723
R050	R050-2	R050-2-B1	Chip	1698	Discard	1704-1693
R050	R050-2	R050-2-B1	Chip	1606	Discard	1606-1600
R050	R050-2	R050-2-B1	Chip	1539	Discard	1543-1536
R050	R050-2	R050-2-B1	Chip	1518		
R050	R050-2	R050-2-B1	Chip	1493	Discard	1497-1493
R050	R050-2	R050-2-B1	Chip	1457	Discard	1463-1454
R050	R050-2	R050-2-B1	Chip	1380	Discard	1380-1374
R050	R050-2	R050-2-B1	Chip	1313		
R050	R050-2	R050-2-B1	Chip	1273	Discard	1276-1266
R050	R050-2	R050-2-B1	Chip	1243	Residue	
R050	R050-2	R050-2-B1	Chip	904	Discard	913-887
R050	R050-2	R050-2-B1	Chip	757	Discard	769-751
R050	R050-2	R050-2-B1	Chip	702	Discard	705-695
R050	R050-2	R050-2-B2	Chip	2954	Discard	2960-2951
R050	R050-2	R050-2-B2	Chip	2924	Discard	2930-2918
R050	R050-2	R050-2-B2	Chip	2875	Discard	2875-2866
R050	R050-2	R050-2-B2	Chip	2853	Discard	2860-2844
R050	R050-2	R050-2-B2	Chip	1723	Discard	1738-1723
R050	R050-2	R050-2-B2	Chip	1698	Discard	1704-1693
R050	R050-2	R050-2-B2	Chip	1606	Discard	1606-1600
R050	R050-2	R050-2-B2	Chip	1539	Discard	1543-1536
R050	R050-2	R050-2-B2	Chip	1460	Discard	1463-1454
R050	R050-2	R050-2-B2	Chip	1377	Discard	1380-1374
R050	R050-2	R050-2-B2	Chip	919		
R050	R050-2	R050-2-B2	Chip	763	Discard	769-751
R050	R050-2	R050-2-B2	Chip	699	Discard	705-695
R050	R050-2	R050-2-B3	Chip	3535	Discard	3568-3524
R050	R050-2	R050-2-B3	Chip	3064	Discard	3070-3055
R050	R050-2	R050-2-B3	Chip	3022	Discard	3028-3016
R050	R050-2	R050-2-B3	Chip	2951	Discard	2960-2951
R050	R050-2	R050-2-B3	Chip	2924	Discard	2930-2918
R050	R050-2	R050-2-B3	Chip	2869	Discard	2875-2866
R050	R050-2	R050-2-B3	Chip	2857	Discard	2860-2844
R050	R050-2	R050-2-B3	Chip	2734	Discard	2734-2720
R050	R050-2	R050-2-B3	Chip	1726	Discard	1738-1723
R050	R050-2	R050-2-B3	Chip	1695	Discard	1704-1693
R050	R050-2	R050-2-B3	Chip	1603	Discard	1606-1600
R050	R050-2	R050-2-B3	Chip	1539	Discard	1543-1536
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R050	R050-2	R050-2-B3	Chip	1496	Discard	1497-1493
R050	R050-2	R050-2-B3	Chip	1457	Discard	1463-1454
R050	R050-2	R050-2-B3	Chip	1377	Discard	1380-1374
R050	R050-2	R050-2-B3	Chip	1307	Discard	1310-1306
R050	R050-2	R050-2-B3	Chip	1270	Discard	1276-1266
R050	R050-2	R050-2-B3	Chip	1246	Discard	1252-1246
R050	R050-2	R050-2-B3	Chip	904	Discard	913-887
R050	R050-2	R050-2-B3	Chip	757	Discard	769-751
R050	R050-2	R050-2-B3	Chip	696	Discard	705-695
R050	R050-BODY	R050-BODY-B1	Body	3535	Discard	3568-3524
R050	R050-BODY	R050-BODY-B1	Body	3067	Discard	3070-3055
R050	R050-BODY	R050-BODY-B1	Body	3019	Discard	3028-3016
R050	R050-BODY	R050-BODY-B1	Body	2954	Discard	2960-2951
R050	R050-BODY	R050-BODY-B1	Body	2924	Discard	2930-2918
R050	R050-BODY	R050-BODY-B1	Body	2869	Discard	2875-2866
R050	R050-BODY	R050-BODY-B1	Body	2857	Discard	2860-2844
R050	R050-BODY	R050-BODY-B1	Body	1732	Discard	1738-1723
R050	R050-BODY	R050-BODY-B1	Body	1698	Discard	1704-1693
R050	R050-BODY	R050-BODY-B1	Body	1606	Discard	1606-1600
R050	R050-BODY	R050-BODY-B1	Body	1536	Discard	1543-1536
R050	R050-BODY	R050-BODY-B1	Body	1493	Discard	1497-1493
R050	R050-BODY	R050-BODY-B1	Body	1457	Discard	1463-1454
R050	R050-BODY	R050-BODY-B1	Body	1377	Discard	1380-1374
R050	R050-BODY	R050-BODY-B1	Body	1307	Discard	1310-1306
R050	R050-BODY	R050-BODY-B1	Body	1270	Discard	1276-1266
R050	R050-BODY	R050-BODY-B1	Body	1249	Discard	1252-1246
R050	R050-BODY	R050-BODY-B1	Body	910	Discard	913-887
R050	R050-BODY	R050-BODY-B1	Body	757	Discard	769-751
R050	R050-BODY	R050-BODY-B1	Body	699	Discard	705-695
R050	R050-BODY	R050-BODY-B2	Body	3064	Discard	3070-3055
R050	R050-BODY	R050-BODY-B2	Body	3025	Discard	3028-3016
R050	R050-BODY	R050-BODY-B2	Body	2954	Discard	2960-2951
R050	R050-BODY	R050-BODY-B2	Body	2921	Discard	2930-2918
R050	R050-BODY	R050-BODY-B2	Body	2869	Discard	2875-2866
R050	R050-BODY	R050-BODY-B2	Body	2857	Discard	2860-2844
R050	R050-BODY	R050-BODY-B2	Body	2725	Discard	2734-2720
R050	R050-BODY	R050-BODY-B2	Body	1735	Discard	1738-1723
R050	R050-BODY	R050-BODY-B2	Body	1695	Discard	1704-1693
R050	R050-BODY	R050-BODY-B2	Body	1603	Discard	1606-1600
R050	R050-BODY	R050-BODY-B2	Body	1539	Discard	1543-1536
R050	R050-BODY	R050-BODY-B2	Body	1496	Discard	1497-1493
R050	R050-BODY	R050-BODY-B2	Body	1457	Discard	1463-1454
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R050	R050-BODY	R050-BODY-B2	Body	1377	Discard	1380-1374
R050	R050-BODY	R050-BODY-B2	Body	1313		
R050	R050-BODY	R050-BODY-B2	Body	1270	Discard	1276-1266
R050	R050-BODY	R050-BODY-B2	Body	1249	Discard	1252-1246
R050	R050-BODY	R050-BODY-B2	Body	900	Discard	913-887
R050	R050-BODY	R050-BODY-B2	Body	760	Discard	769-751
R050	R050-BODY	R050-BODY-B2	Body	702	Discard	705-695
R050	R050-BODY	R050-BODY-B3	Body	3538	Discard	3568-3524
R050	R050-BODY	R050-BODY-B3	Body	3064	Discard	3070-3055
R050	R050-BODY	R050-BODY-B3	Body	3019	Discard	3028-3016
R050	R050-BODY	R050-BODY-B3	Body	2954	Discard	2960-2951
R050	R050-BODY	R050-BODY-B3	Body	2924	Discard	2930-2918
R050	R050-BODY	R050-BODY-B3	Body	2869	Discard	2875-2866
R050	R050-BODY	R050-BODY-B3	Body	2857	Discard	2860-2844
R050	R050-BODY	R050-BODY-B3	Body	2725	Discard	2734-2720
R050	R050-BODY	R050-BODY-B3	Body	1732	Discard	1738-1723
R050	R050-BODY	R050-BODY-B3	Body	1698	Discard	1704-1693
R050	R050-BODY	R050-BODY-B3	Body	1603	Discard	1606-1600
R050	R050-BODY	R050-BODY-B3	Body	1539	Discard	1543-1536
R050	R050-BODY	R050-BODY-B3	Body	1515		
R050	R050-BODY	R050-BODY-B3	Body	1493	Discard	1497-1493
R050	R050-BODY	R050-BODY-B3	Body	1460	Discard	1463-1454
R050	R050-BODY	R050-BODY-B3	Body	1377	Discard	1380-1374
R050	R050-BODY	R050-BODY-B3	Body	1307	Discard	1310-1306
R050	R050-BODY	R050-BODY-B3	Body	1273	Discard	1276-1266
R050	R050-BODY	R050-BODY-B3	Body	1249	Discard	1252-1246
R050	R050-BODY	R050-BODY-B3	Body	900	Discard	913-887
R050	R050-BODY	R050-BODY-B3	Body	760	Discard	769-751
R050	R050-BODY	R050-BODY-B3	Body	699	Discard	705-695
R051	R051-1	R051-1-B1	Chip	3535	Discard	3568-3524
R051	R051-1	R051-1-B1	Chip	3064	Discard	3070-3055
R051	R051-1	R051-1-B1	Chip	3022	Discard	3028-3016
R051	R051-1	R051-1-B1	Chip	2954	Discard	2960-2951
R051	R051-1	R051-1-B1	Chip	2924	Discard	2930-2918
R051	R051-1	R051-1-B1	Chip	2866	Discard	2875-2866
R051	R051-1	R051-1-B1	Chip	2853	Discard	2860-2844
R051	R051-1	R051-1-B1	Chip	2728	Discard	2734-2720
R051	R051-1	R051-1-B1	Chip	1729	Discard	1738-1723
R051	R051-1	R051-1-B1	Chip	1698	Discard	1704-1693
R051	R051-1	R051-1-B1	Chip	1610		
R051	R051-1	R051-1-B1	Chip	1536	Discard	1543-1536
R051	R051-1	R051-1-B1	Chip	1515		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R051	R051-1	R051-1-B1	Chip	1493	Discard	1497-1493
R051	R051-1	R051-1-B1	Chip	1457	Discard	1463-1454
R051	R051-1	R051-1-B1	Chip	1380	Discard	1380-1374
R051	R051-1	R051-1-B1	Chip	1307	Discard	1310-1306
R051	R051-1	R051-1-B1	Chip	1270	Discard	1276-1266
R051	R051-1	R051-1-B1	Chip	1249	Discard	1252-1246
R051	R051-1	R051-1-B1	Chip	907	Discard	913-887
R051	R051-1	R051-1-B1	Chip	760	Discard	769-751
R051	R051-1	R051-1-B1	Chip	705	Discard	705-695
R051	R051-1	R051-1-B2	Chip	2951	Discard	2960-2951
R051	R051-1	R051-1-B2	Chip	2921	Discard	2930-2918
R051	R051-1	R051-1-B2	Chip	2872	Discard	2875-2866
R051	R051-1	R051-1-B2	Chip	2850	Discard	2860-2844
R051	R051-1	R051-1-B2	Chip	1735	Discard	1738-1723
R051	R051-1	R051-1-B2	Chip	1701	Discard	1704-1693
R051	R051-1	R051-1-B2	Chip	1606	Discard	1606-1600
R051	R051-1	R051-1-B2	Chip	1539	Discard	1543-1536
R051	R051-1	R051-1-B2	Chip	1460	Discard	1463-1454
R051	R051-1	R051-1-B2	Chip	1380	Discard	1380-1374
R051	R051-1	R051-1-B2	Chip	910	Discard	913-887
R051	R051-1	R051-1-B2	Chip	766	Discard	769-751
R051	R051-1	R051-1-B2	Chip	702	Discard	705-695
R051	R051-1	R051-1-B3	Chip	2954	Discard	2960-2951
R051	R051-1	R051-1-B3	Chip	2927	Discard	2930-2918
R051	R051-1	R051-1-B3	Chip	2872	Discard	2875-2866
R051	R051-1	R051-1-B3	Chip	2857	Discard	2860-2844
R051	R051-1	R051-1-B3	Chip	1729	Discard	1738-1723
R051	R051-1	R051-1-B3	Chip	1701	Discard	1704-1693
R051	R051-1	R051-1-B3	Chip	1539	Discard	1543-1536
R051	R051-1	R051-1-B3	Chip	1463	Discard	1463-1454
R051	R051-1	R051-1-B3	Chip	1377	Discard	1380-1374
R051	R051-1	R051-1-B3	Chip	910	Discard	913-887
R051	R051-1	R051-1-B3	Chip	766	Discard	769-751
R051	R051-2	R051-2-B1	Chip	3532	Discard	3568-3524
R051	R051-2	R051-2-B1	Chip	3061	Discard	3070-3055
R051	R051-2	R051-2-B1	Chip	3025	Discard	3028-3016
R051	R051-2	R051-2-B1	Chip	2954	Discard	2960-2951
R051	R051-2	R051-2-B1	Chip	2924	Discard	2930-2918
R051	R051-2	R051-2-B1	Chip	2872	Discard	2875-2866
R051	R051-2	R051-2-B1	Chip	2850	Discard	2860-2844
R051	R051-2	R051-2-B1	Chip	2728	Discard	2734-2720
R051	R051-2	R051-2-B1	Chip	1729	Discard	1738-1723
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R051	R051-2	R051-2-B1	Chip	1695	Discard	1704-1693
R051	R051-2	R051-2-B1	Chip	1600	Discard	1606-1600
R051	R051-2	R051-2-B1	Chip	1539	Discard	1543-1536
R051	R051-2	R051-2-B1	Chip	1457	Discard	1463-1454
R051	R051-2	R051-2-B1	Chip	1377	Discard	1380-1374
R051	R051-2	R051-2-B1	Chip	1307	Discard	1310-1306
R051	R051-2	R051-2-B1	Chip	1270	Discard	1276-1266
R051	R051-2	R051-2-B1	Chip	897	Discard	913-887
R051	R051-2	R051-2-B1	Chip	760	Discard	769-751
R051	R051-2	R051-2-B1	Chip	702	Discard	705-695
R051	R051-2	R051-2-B2	Chip	3532	Discard	3568-3524
R051	R051-2	R051-2-B2	Chip	3064	Discard	3070-3055
R051	R051-2	R051-2-B2	Chip	3022	Discard	3028-3016
R051	R051-2	R051-2-B2	Chip	2951	Discard	2960-2951
R051	R051-2	R051-2-B2	Chip	2924	Discard	2930-2918
R051	R051-2	R051-2-B2	Chip	2869	Discard	2875-2866
R051	R051-2	R051-2-B2	Chip	2853	Discard	2860-2844
R051	R051-2	R051-2-B2	Chip	2725	Discard	2734-2720
R051	R051-2	R051-2-B2	Chip	1729	Discard	1738-1723
R051	R051-2	R051-2-B2	Chip	1701	Discard	1704-1693
R051	R051-2	R051-2-B2	Chip	1603	Discard	1606-1600
R051	R051-2	R051-2-B2	Chip	1539	Discard	1543-1536
R051	R051-2	R051-2-B2	Chip	1496	Discard	1497-1493
R051	R051-2	R051-2-B2	Chip	1460	Discard	1463-1454
R051	R051-2	R051-2-B2	Chip	1377	Discard	1380-1374
R051	R051-2	R051-2-B2	Chip	1304		
R051	R051-2	R051-2-B2	Chip	1270	Discard	1276-1266
R051	R051-2	R051-2-B2	Chip	1252	Discard	1252-1246
R051	R051-2	R051-2-B2	Chip	897	Discard	913-887
R051	R051-2	R051-2-B2	Chip	763	Discard	769-751
R051	R051-2	R051-2-B2	Chip	702	Discard	705-695
R051	R051-2	R051-2-B3	Chip	3529	Discard	3568-3524
R051	R051-2	R051-2-B3	Chip	3067	Discard	3070-3055
R051	R051-2	R051-2-B3	Chip	3022	Discard	3028-3016
R051	R051-2	R051-2-B3	Chip	2954	Discard	2960-2951
R051	R051-2	R051-2-B3	Chip	2924	Discard	2930-2918
R051	R051-2	R051-2-B3	Chip	2875	Discard	2875-2866
R051	R051-2	R051-2-B3	Chip	2853	Discard	2860-2844
R051	R051-2	R051-2-B3	Chip	2728	Discard	2734-2720
R051	R051-2	R051-2-B3	Chip	1738	Discard	1738-1723
R051	R051-2	R051-2-B3	Chip	1695	Discard	1704-1693
R051	R051-2	R051-2-B3	Chip	1603	Discard	1606-1600
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R051	R051-2	R051-2-B3	Chip	1536	Discard	1543-1536
R051	R051-2	R051-2-B3	Chip	1496	Discard	1497-1493
R051	R051-2	R051-2-B3	Chip	1460	Discard	1463-1454
R051	R051-2	R051-2-B3	Chip	1377	Discard	1380-1374
R051	R051-2	R051-2-B3	Chip	1307	Discard	1310-1306
R051	R051-2	R051-2-B3	Chip	1270	Discard	1276-1266
R051	R051-2	R051-2-B3	Chip	1249	Discard	1252-1246
R051	R051-2	R051-2-B3	Chip	910	Discard	913-887
R051	R051-2	R051-2-B3	Chip	757	Discard	769-751
R051	R051-2	R051-2-B3	Chip	702	Discard	705-695
R051	R051-BODY	R051-BODY-B1	Body	3535	Discard	3568-3524
R051	R051-BODY	R051-BODY-B1	Body	3061	Discard	3070-3055
R051	R051-BODY	R051-BODY-B1	Body	3019	Discard	3028-3016
R051	R051-BODY	R051-BODY-B1	Body	2951	Discard	2960-2951
R051	R051-BODY	R051-BODY-B1	Body	2924	Discard	2930-2918
R051	R051-BODY	R051-BODY-B1	Body	2872	Discard	2875-2866
R051	R051-BODY	R051-BODY-B1	Body	2857	Discard	2860-2844
R051	R051-BODY	R051-BODY-B1	Body	2728	Discard	2734-2720
R051	R051-BODY	R051-BODY-B1	Body	1729	Discard	1738-1723
R051	R051-BODY	R051-BODY-B1	Body	1695	Discard	1704-1693
R051	R051-BODY	R051-BODY-B1	Body	1600	Discard	1606-1600
R051	R051-BODY	R051-BODY-B1	Body	1542	Discard	1543-1536
R051	R051-BODY	R051-BODY-B1	Body	1496	Discard	1497-1493
R051	R051-BODY	R051-BODY-B1	Body	1457	Discard	1463-1454
R051	R051-BODY	R051-BODY-B1	Body	1380	Discard	1380-1374
R051	R051-BODY	R051-BODY-B1	Body	1310	Discard	1310-1306
R051	R051-BODY	R051-BODY-B1	Body	1270	Discard	1276-1266
R051	R051-BODY	R051-BODY-B1	Body	1252	Discard	1252-1246
R051	R051-BODY	R051-BODY-B1	Body	907	Discard	913-887
R051	R051-BODY	R051-BODY-B1	Body	763	Discard	769-751
R051	R051-BODY	R051-BODY-B1	Body	702	Discard	705-695
R051	R051-BODY	R051-BODY-B2	Body	3532	Discard	3568-3524
R051	R051-BODY	R051-BODY-B2	Body	3061	Discard	3070-3055
R051	R051-BODY	R051-BODY-B2	Body	3025	Discard	3028-3016
R051	R051-BODY	R051-BODY-B2	Body	2954	Discard	2960-2951
R051	R051-BODY	R051-BODY-B2	Body	2924	Discard	2930-2918
R051	R051-BODY	R051-BODY-B2	Body	2869	Discard	2875-2866
R051	R051-BODY	R051-BODY-B2	Body	2850	Discard	2860-2844
R051	R051-BODY	R051-BODY-B2	Body	2728	Discard	2734-2720
R051	R051-BODY	R051-BODY-B2	Body	2355		
R051	R051-BODY	R051-BODY-B2	Body	1732	Discard	1738-1723
R051	R051-BODY	R051-BODY-B2	Body	1701	Discard	1704-1693
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R051	R051-BODY	R051-BODY-B2	Body	1600	Discard	1606-1600
R051	R051-BODY	R051-BODY-B2	Body	1542	Discard	1543-1536
R051	R051-BODY	R051-BODY-B2	Body	1496	Discard	1497-1493
R051	R051-BODY	R051-BODY-B2	Body	1457	Discard	1463-1454
R051	R051-BODY	R051-BODY-B2	Body	1380	Discard	1380-1374
R051	R051-BODY	R051-BODY-B2	Body	1307	Discard	1310-1306
R051	R051-BODY	R051-BODY-B2	Body	1273	Discard	1276-1266
R051	R051-BODY	R051-BODY-B2	Body	1249	Discard	1252-1246
R051	R051-BODY	R051-BODY-B2	Body	910	Discard	913-887
R051	R051-BODY	R051-BODY-B2	Body	760	Discard	769-751
R051	R051-BODY	R051-BODY-B2	Body	699	Discard	705-695
R051	R051-BODY	R051-BODY-B3	Body	3532	Discard	3568-3524
R051	R051-BODY	R051-BODY-B3	Body	3067	Discard	3070-3055
R051	R051-BODY	R051-BODY-B3	Body	3025	Discard	3028-3016
R051	R051-BODY	R051-BODY-B3	Body	2954	Discard	2960-2951
R051	R051-BODY	R051-BODY-B3	Body	2924	Discard	2930-2918
R051	R051-BODY	R051-BODY-B3	Body	2872	Discard	2875-2866
R051	R051-BODY	R051-BODY-B3	Body	2853	Discard	2860-2844
R051	R051-BODY	R051-BODY-B3	Body	2728	Discard	2734-2720
R051	R051-BODY	R051-BODY-B3	Body	1732	Discard	1738-1723
R051	R051-BODY	R051-BODY-B3	Body	1701	Discard	1704-1693
R051	R051-BODY	R051-BODY-B3	Body	1603	Discard	1606-1600
R051	R051-BODY	R051-BODY-B3	Body	1542	Discard	1543-1536
R051	R051-BODY	R051-BODY-B3	Body	1515		
R051	R051-BODY	R051-BODY-B3	Body	1493	Discard	1497-1493
R051	R051-BODY	R051-BODY-B3	Body	1457	Discard	1463-1454
R051	R051-BODY	R051-BODY-B3	Body	1380	Discard	1380-1374
R051	R051-BODY	R051-BODY-B3	Body	1310	Discard	1310-1306
R051	R051-BODY	R051-BODY-B3	Body	1276	Discard	1276-1266
R051	R051-BODY	R051-BODY-B3	Body	1255		
R051	R051-BODY	R051-BODY-B3	Body	897	Discard	913-887
R051	R051-BODY	R051-BODY-B3	Body	757	Discard	769-751
R051	R051-BODY	R051-BODY-B3	Body	699	Discard	705-695
R052	R052-1	R052-1-B1	Chip	3532	Discard	3568-3524
R052	R052-1	R052-1-B1	Chip	3061	Discard	3070-3055
R052	R052-1	R052-1-B1	Chip	3019	Discard	3028-3016
R052	R052-1	R052-1-B1	Chip	2954	Discard	2960-2951
R052	R052-1	R052-1-B1	Chip	2924	Discard	2930-2918
R052	R052-1	R052-1-B1	Chip	2869	Discard	2875-2866
R052	R052-1	R052-1-B1	Chip	2853	Discard	2860-2844
R052	R052-1	R052-1-B1	Chip	2734	Discard	2734-2720
R052	R052-1	R052-1-B1	Chip	2364		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R052	R052-1	R052-1-B1	Chip	2322		
R052	R052-1	R052-1-B1	Chip	2199	Residue	
R052	R052-1	R052-1-B1	Chip	1979		
R052	R052-1	R052-1-B1	Chip	1729	Discard	1738-1723
R052	R052-1	R052-1-B1	Chip	1698	Discard	1704-1693
R052	R052-1	R052-1-B1	Chip	1606	Discard	1606-1600
R052	R052-1	R052-1-B1	Chip	1539	Discard	1543-1536
R052	R052-1	R052-1-B1	Chip	1493	Discard	1497-1493
R052	R052-1	R052-1-B1	Chip	1460	Discard	1463-1454
R052	R052-1	R052-1-B1	Chip	1380	Discard	1380-1374
R052	R052-1	R052-1-B1	Chip	1310	Discard	1310-1306
R052	R052-1	R052-1-B1	Chip	1276	Discard	1276-1266
R052	R052-1	R052-1-B1	Chip	1249	Discard	1252-1246
R052	R052-1	R052-1-B1	Chip	968		
R052	R052-1	R052-1-B1	Chip	904	Discard	913-887
R052	R052-1	R052-1-B1	Chip	775		
R052	R052-1	R052-1-B1	Chip	760	Discard	769-751
R052	R052-1	R052-1-B1	Chip	702	Discard	705-695
R052	R052-1	R052-1-B2	Chip	2954	Discard	2960-2951
R052	R052-1	R052-1-B2	Chip	2924	Discard	2930-2918
R052	R052-1	R052-1-B2	Chip	2869	Discard	2875-2866
R052	R052-1	R052-1-B2	Chip	2857	Discard	2860-2844
R052	R052-1	R052-1-B2	Chip	1542	Discard	1543-1536
R052	R052-1	R052-1-B2	Chip	1457	Discard	1463-1454
R052	R052-1	R052-1-B2	Chip	1374	Discard	1380-1374
R052	R052-1	R052-1-B2	Chip	913	Discard	913-887
R052	R052-1	R052-1-B2	Chip	766	Discard	769-751
R052	R052-1	R052-1-B3	Chip	3064	Discard	3070-3055
R052	R052-1	R052-1-B3	Chip	3019	Discard	3028-3016
R052	R052-1	R052-1-B3	Chip	2957	Discard	2960-2951
R052	R052-1	R052-1-B3	Chip	2927	Discard	2930-2918
R052	R052-1	R052-1-B3	Chip	2869	Discard	2875-2866
R052	R052-1	R052-1-B3	Chip	2857	Discard	2860-2844
R052	R052-1	R052-1-B3	Chip	1735	Discard	1738-1723
R052	R052-1	R052-1-B3	Chip	1695	Discard	1704-1693
R052	R052-1	R052-1-B3	Chip	1603	Discard	1606-1600
R052	R052-1	R052-1-B3	Chip	1539	Discard	1543-1536
R052	R052-1	R052-1-B3	Chip	1493	Discard	1497-1493
R052	R052-1	R052-1-B3	Chip	1460	Discard	1463-1454
R052	R052-1	R052-1-B3	Chip	1377	Discard	1380-1374
R052	R052-1	R052-1-B3	Chip	1307	Discard	1310-1306
R052	R052-1	R052-1-B3	Chip	1273	Discard	1276-1266
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R052	R052-1	R052-1-B3	Chip	900	Discard	913-887
R052	R052-1	R052-1-B3	Chip	763	Discard	769-751
R052	R052-1	R052-1-B3	Chip	699	Discard	705-695
R052	R052-BODY	R052-BODY-B1	Body	3064	Discard	3070-3055
R052	R052-BODY	R052-BODY-B1	Body	3022	Discard	3028-3016
R052	R052-BODY	R052-BODY-B1	Body	2954	Discard	2960-2951
R052	R052-BODY	R052-BODY-B1	Body	2924	Discard	2930-2918
R052	R052-BODY	R052-BODY-B1	Body	2872	Discard	2875-2866
R052	R052-BODY	R052-BODY-B1	Body	2857	Discard	2860-2844
R052	R052-BODY	R052-BODY-B1	Body	1738	Discard	1738-1723
R052	R052-BODY	R052-BODY-B1	Body	1695	Discard	1704-1693
R052	R052-BODY	R052-BODY-B1	Body	1600	Discard	1606-1600
R052	R052-BODY	R052-BODY-B1	Body	1539	Discard	1543-1536
R052	R052-BODY	R052-BODY-B1	Body	1490		
R052	R052-BODY	R052-BODY-B1	Body	1460	Discard	1463-1454
R052	R052-BODY	R052-BODY-B1	Body	1377	Discard	1380-1374
R052	R052-BODY	R052-BODY-B1	Body	907	Discard	913-887
R052	R052-BODY	R052-BODY-B1	Body	757	Discard	769-751
R052	R052-BODY	R052-BODY-B1	Body	699	Discard	705-695
R052	R052-BODY	R052-BODY-B2	Body	3330		
R052	R052-BODY	R052-BODY-B2	Body	3291		
R052	R052-BODY	R052-BODY-B2	Body	3067	Discard	3070-3055
R052	R052-BODY	R052-BODY-B2	Body	3019	Discard	3028-3016
R052	R052-BODY	R052-BODY-B2	Body	2954	Discard	2960-2951
R052	R052-BODY	R052-BODY-B2	Body	2924	Discard	2930-2918
R052	R052-BODY	R052-BODY-B2	Body	2869	Discard	2875-2866
R052	R052-BODY	R052-BODY-B2	Body	2853	Discard	2860-2844
R052	R052-BODY	R052-BODY-B2	Body	2734	Discard	2734-2720
R052	R052-BODY	R052-BODY-B2	Body	2352		
R052	R052-BODY	R052-BODY-B2	Body	2340		
R052	R052-BODY	R052-BODY-B2	Body	2325		
R052	R052-BODY	R052-BODY-B2	Body	2169		
R052	R052-BODY	R052-BODY-B2	Body	1979		
R052	R052-BODY	R052-BODY-B2	Body	1888		
R052	R052-BODY	R052-BODY-B2	Body	1729	Discard	1738-1723
R052	R052-BODY	R052-BODY-B2	Body	1695	Discard	1704-1693
R052	R052-BODY	R052-BODY-B2	Body	1634		
R052	R052-BODY	R052-BODY-B2	Body	1606	Discard	1606-1600
R052	R052-BODY	R052-BODY-B2	Body	1539	Discard	1543-1536
R052	R052-BODY	R052-BODY-B2	Body	1457	Discard	1463-1454
R052	R052-BODY	R052-BODY-B2	Body	1374	Discard	1380-1374
R052	R052-BODY	R052-BODY-B2	Body	1313		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R052	R052-BODY	R052-BODY-B2	Body	1273	Discard	1276-1266
R052	R052-BODY	R052-BODY-B2	Body	1029		
R052	R052-BODY	R052-BODY-B2	Body	974		
R052	R052-BODY	R052-BODY-B2	Body	894	Discard	913-887
R052	R052-BODY	R052-BODY-B2	Body	800		
R052	R052-BODY	R052-BODY-B2	Body	775		
R052	R052-BODY	R052-BODY-B2	Body	757	Discard	769-751
R052	R052-BODY	R052-BODY-B2	Body	702	Discard	705-695
R052	R052-BODY	R052-BODY-B3	Body	3067	Discard	3070-3055
R052	R052-BODY	R052-BODY-B3	Body	3022	Discard	3028-3016
R052	R052-BODY	R052-BODY-B3	Body	2954	Discard	2960-2951
R052	R052-BODY	R052-BODY-B3	Body	2924	Discard	2930-2918
R052	R052-BODY	R052-BODY-B3	Body	2872	Discard	2875-2866
R052	R052-BODY	R052-BODY-B3	Body	2853	Discard	2860-2844
R052	R052-BODY	R052-BODY-B3	Body	1732	Discard	1738-1723
R052	R052-BODY	R052-BODY-B3	Body	1701	Discard	1704-1693
R052	R052-BODY	R052-BODY-B3	Body	1600	Discard	1606-1600
R052	R052-BODY	R052-BODY-B3	Body	1536	Discard	1543-1536
R052	R052-BODY	R052-BODY-B3	Body	1493	Discard	1497-1493
R052	R052-BODY	R052-BODY-B3	Body	1457	Discard	1463-1454
R052	R052-BODY	R052-BODY-B3	Body	1377	Discard	1380-1374
R052	R052-BODY	R052-BODY-B3	Body	1307	Discard	1310-1306
R052	R052-BODY	R052-BODY-B3	Body	1270	Discard	1276-1266
R052	R052-BODY	R052-BODY-B3	Body	904	Discard	913-887
R052	R052-BODY	R052-BODY-B3	Body	763	Discard	769-751
R052	R052-BODY	R052-BODY-B3	Body	699	Discard	705-695
R053	R053-1	R053-1-B1	Chip	3532	Discard	3568-3524
R053	R053-1	R053-1-B1	Chip	3064	Discard	3070-3055
R053	R053-1	R053-1-B1	Chip	3019	Discard	3028-3016
R053	R053-1	R053-1-B1	Chip	2951	Discard	2960-2951
R053	R053-1	R053-1-B1	Chip	2921	Discard	2930-2918
R053	R053-1	R053-1-B1	Chip	2872	Discard	2875-2866
R053	R053-1	R053-1-B1	Chip	2853	Discard	2860-2844
R053	R053-1	R053-1-B1	Chip	2725	Discard	2734-2720
R053	R053-1	R053-1-B1	Chip	1732	Discard	1738-1723
R053	R053-1	R053-1-B1	Chip	1701	Discard	1704-1693
R053	R053-1	R053-1-B1	Chip	1603	Discard	1606-1600
R053	R053-1	R053-1-B1	Chip	1539	Discard	1543-1536
R053	R053-1	R053-1-B1	Chip	1493	Discard	1497-1493
R053	R053-1	R053-1-B1	Chip	1460	Discard	1463-1454
R053	R053-1	R053-1-B1	Chip	1377	Discard	1380-1374
R053	R053-1	R053-1-B1	Chip	1307	Discard	1310-1306
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R053	R053-1	R053-1-B1	Chip	1273	Discard	1276-1266
R053	R053-1	R053-1-B1	Chip	1249	Discard	1252-1246
R053	R053-1	R053-1-B1	Chip	916		
R053	R053-1	R053-1-B1	Chip	894	Discard	913-887
R053	R053-1	R053-1-B1	Chip	757	Discard	769-751
R053	R053-1	R053-1-B1	Chip	702	Discard	705-695
R053	R053-1	R053-1-B1	Chip	595	Residue	
R053	R053-1	R053-1-B1	Chip	570		
R053	R053-1	R053-1-B2	Chip	3532	Discard	3568-3524
R053	R053-1	R053-1-B2	Chip	3064	Discard	3070-3055
R053	R053-1	R053-1-B2	Chip	3019	Discard	3028-3016
R053	R053-1	R053-1-B2	Chip	2951	Discard	2960-2951
R053	R053-1	R053-1-B2	Chip	2924	Discard	2930-2918
R053	R053-1	R053-1-B2	Chip	2872	Discard	2875-2866
R053	R053-1	R053-1-B2	Chip	2857	Discard	2860-2844
R053	R053-1	R053-1-B2	Chip	2731	Discard	2734-2720
R053	R053-1	R053-1-B2	Chip	1982		
R053	R053-1	R053-1-B2	Chip	1729	Discard	1738-1723
R053	R053-1	R053-1-B2	Chip	1701	Discard	1704-1693
R053	R053-1	R053-1-B2	Chip	1603	Discard	1606-1600
R053	R053-1	R053-1-B2	Chip	1539	Discard	1543-1536
R053	R053-1	R053-1-B2	Chip	1500		
R053	R053-1	R053-1-B2	Chip	1457	Discard	1463-1454
R053	R053-1	R053-1-B2	Chip	1380	Discard	1380-1374
R053	R053-1	R053-1-B2	Chip	1304		
R053	R053-1	R053-1-B2	Chip	1270	Discard	1276-1266
R053	R053-1	R053-1-B2	Chip	1249	Discard	1252-1246
R053	R053-1	R053-1-B2	Chip	900	Discard	913-887
R053	R053-1	R053-1-B2	Chip	757	Discard	769-751
R053	R053-1	R053-1-B2	Chip	702	Discard	705-695
R053	R053-1	R053-1-B3	Chip	3532	Discard	3568-3524
R053	R053-1	R053-1-B3	Chip	3064	Discard	3070-3055
R053	R053-1	R053-1-B3	Chip	3019	Discard	3028-3016
R053	R053-1	R053-1-B3	Chip	2954	Discard	2960-2951
R053	R053-1	R053-1-B3	Chip	2924	Discard	2930-2918
R053	R053-1	R053-1-B3	Chip	2872	Discard	2875-2866
R053	R053-1	R053-1-B3	Chip	2857	Discard	2860-2844
R053	R053-1	R053-1-B3	Chip	2728	Discard	2734-2720
R053	R053-1	R053-1-B3	Chip	1729	Discard	1738-1723
R053	R053-1	R053-1-B3	Chip	1698	Discard	1704-1693
R053	R053-1	R053-1-B3	Chip	1600	Discard	1606-1600
R053	R053-1	R053-1-B3	Chip	1539	Discard	1543-1536
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R053	R053-1	R053-1-B3	Chip	1493	Discard	1497-1493
R053	R053-1	R053-1-B3	Chip	1457	Discard	1463-1454
R053	R053-1	R053-1-B3	Chip	1377	Discard	1380-1374
R053	R053-1	R053-1-B3	Chip	1307	Discard	1310-1306
R053	R053-1	R053-1-B3	Chip	1270	Discard	1276-1266
R053	R053-1	R053-1-B3	Chip	1249	Discard	1252-1246
R053	R053-1	R053-1-B3	Chip	900	Discard	913-887
R053	R053-1	R053-1-B3	Chip	760	Discard	769-751
R053	R053-1	R053-1-B3	Chip	702	Discard	705-695
R053	R053-BODY	R053-BODY-B1	Body	3535	Discard	3568-3524
R053	R053-BODY	R053-BODY-B1	Body	3064	Discard	3070-3055
R053	R053-BODY	R053-BODY-B1	Body	3025	Discard	3028-3016
R053	R053-BODY	R053-BODY-B1	Body	2954	Discard	2960-2951
R053	R053-BODY	R053-BODY-B1	Body	2921	Discard	2930-2918
R053	R053-BODY	R053-BODY-B1	Body	2869	Discard	2875-2866
R053	R053-BODY	R053-BODY-B1	Body	2850	Discard	2860-2844
R053	R053-BODY	R053-BODY-B1	Body	2725	Discard	2734-2720
R053	R053-BODY	R053-BODY-B1	Body	1726	Discard	1738-1723
R053	R053-BODY	R053-BODY-B1	Body	1698	Discard	1704-1693
R053	R053-BODY	R053-BODY-B1	Body	1603	Discard	1606-1600
R053	R053-BODY	R053-BODY-B1	Body	1542	Discard	1543-1536
R053	R053-BODY	R053-BODY-B1	Body	1493	Discard	1497-1493
R053	R053-BODY	R053-BODY-B1	Body	1460	Discard	1463-1454
R053	R053-BODY	R053-BODY-B1	Body	1377	Discard	1380-1374
R053	R053-BODY	R053-BODY-B1	Body	1307	Discard	1310-1306
R053	R053-BODY	R053-BODY-B1	Body	1273	Discard	1276-1266
R053	R053-BODY	R053-BODY-B1	Body	1249	Discard	1252-1246
R053	R053-BODY	R053-BODY-B1	Body	962		
R053	R053-BODY	R053-BODY-B1	Body	897	Discard	913-887
R053	R053-BODY	R053-BODY-B1	Body	755	Discard	769-751
R053	R053-BODY	R053-BODY-B1	Body	754	Discard	769-751
R053	R053-BODY	R053-BODY-B1	Body	699	Discard	705-695
R053	R053-BODY	R053-BODY-B2	Body	3061	Discard	3070-3055
R053	R053-BODY	R053-BODY-B2	Body	3022	Discard	3028-3016
R053	R053-BODY	R053-BODY-B2	Body	2954	Discard	2960-2951
R053	R053-BODY	R053-BODY-B2	Body	2927	Discard	2930-2918
R053	R053-BODY	R053-BODY-B2	Body	2872	Discard	2875-2866
R053	R053-BODY	R053-BODY-B2	Body	2853	Discard	2860-2844
R053	R053-BODY	R053-BODY-B2	Body	1732	Discard	1738-1723
R053	R053-BODY	R053-BODY-B2	Body	1698	Discard	1704-1693
R053	R053-BODY	R053-BODY-B2	Body	1603	Discard	1606-1600
R053	R053-BODY	R053-BODY-B2	Body	1539	Discard	1543-1536
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R053	R053-BODY	R053-BODY-B2	Body	1496	Discard	1497-1493
R053	R053-BODY	R053-BODY-B2	Body	1457	Discard	1463-1454
R053	R053-BODY	R053-BODY-B2	Body	1377	Discard	1380-1374
R053	R053-BODY	R053-BODY-B2	Body	1310	Discard	1310-1306
R053	R053-BODY	R053-BODY-B2	Body	1270	Discard	1276-1266
R053	R053-BODY	R053-BODY-B2	Body	1252	Discard	1252-1246
R053	R053-BODY	R053-BODY-B2	Body	904	Discard	913-887
R053	R053-BODY	R053-BODY-B2	Body	763	Discard	769-751
R053	R053-BODY	R053-BODY-B2	Body	699	Discard	705-695
R053	R053-BODY	R053-BODY-B3	Body	3067	Discard	3070-3055
R053	R053-BODY	R053-BODY-B3	Body	3025	Discard	3028-3016
R053	R053-BODY	R053-BODY-B3	Body	2954	Discard	2960-2951
R053	R053-BODY	R053-BODY-B3	Body	2924	Discard	2930-2918
R053	R053-BODY	R053-BODY-B3	Body	2872	Discard	2875-2866
R053	R053-BODY	R053-BODY-B3	Body	2850	Discard	2860-2844
R053	R053-BODY	R053-BODY-B3	Body	1732	Discard	1738-1723
R053	R053-BODY	R053-BODY-B3	Body	1698	Discard	1704-1693
R053	R053-BODY	R053-BODY-B3	Body	1606	Discard	1606-1600
R053	R053-BODY	R053-BODY-B3	Body	1539	Discard	1543-1536
R053	R053-BODY	R053-BODY-B3	Body	1496	Discard	1497-1493
R053	R053-BODY	R053-BODY-B3	Body	1457	Discard	1463-1454
R053	R053-BODY	R053-BODY-B3	Body	1377	Discard	1380-1374
R053	R053-BODY	R053-BODY-B3	Body	1304		
R053	R053-BODY	R053-BODY-B3	Body	1276	Discard	1276-1266
R053	R053-BODY	R053-BODY-B3	Body	1246	Discard	1252-1246
R053	R053-BODY	R053-BODY-B3	Body	900	Discard	913-887
R053	R053-BODY	R053-BODY-B3	Body	763	Discard	769-751
R053	R053-BODY	R053-BODY-B3	Body	702	Discard	705-695
R054	R054-1	R054-1-B1	Chip	3535	Discard	3568-3524
R054	R054-1	R054-1-B1	Chip	3049		
R054	R054-1	R054-1-B1	Chip	3025	Discard	3028-3016
R054	R054-1	R054-1-B1	Chip	2951	Discard	2960-2951
R054	R054-1	R054-1-B1	Chip	2927	Discard	2930-2918
R054	R054-1	R054-1-B1	Chip	2869	Discard	2875-2866
R054	R054-1	R054-1-B1	Chip	2853	Discard	2860-2844
R054	R054-1	R054-1-B1	Chip	2731	Discard	2734-2720
R054	R054-1	R054-1-B1	Chip	1985		
R054	R054-1	R054-1-B1	Chip	1726	Discard	1738-1723
R054	R054-1	R054-1-B1	Chip	1695	Discard	1704-1693
R054	R054-1	R054-1-B1	Chip	1603	Discard	1606-1600
R054	R054-1	R054-1-B1	Chip	1539	Discard	1543-1536
R054	R054-1	R054-1-B1	Chip	1496	Discard	1497-1493
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R054	R054-1	R054-1-B1	Chip	1457	Discard	1463-1454
R054	R054-1	R054-1-B1	Chip	1377	Discard	1380-1374
R054	R054-1	R054-1-B1	Chip	1307	Discard	1310-1306
R054	R054-1	R054-1-B1	Chip	1270	Discard	1276-1266
R054	R054-1	R054-1-B1	Chip	1252	Discard	1252-1246
R054	R054-1	R054-1-B1	Chip	897	Discard	913-887
R054	R054-1	R054-1-B1	Chip	760	Discard	769-751
R054	R054-1	R054-1-B1	Chip	699	Discard	705-695
R054	R054-1	R054-1-B2	Chip	3535	Discard	3568-3524
R054	R054-1	R054-1-B2	Chip	3067	Discard	3070-3055
R054	R054-1	R054-1-B2	Chip	3022	Discard	3028-3016
R054	R054-1	R054-1-B2	Chip	2954	Discard	2960-2951
R054	R054-1	R054-1-B2	Chip	2921	Discard	2930-2918
R054	R054-1	R054-1-B2	Chip	2869	Discard	2875-2866
R054	R054-1	R054-1-B2	Chip	2860	Discard	2860-2844
R054	R054-1	R054-1-B2	Chip	1726	Discard	1738-1723
R054	R054-1	R054-1-B2	Chip	1695	Discard	1704-1693
R054	R054-1	R054-1-B2	Chip	1603	Discard	1606-1600
R054	R054-1	R054-1-B2	Chip	1539	Discard	1543-1536
R054	R054-1	R054-1-B2	Chip	1496	Discard	1497-1493
R054	R054-1	R054-1-B2	Chip	1460	Discard	1463-1454
R054	R054-1	R054-1-B2	Chip	1405		
R054	R054-1	R054-1-B2	Chip	1380	Discard	1380-1374
R054	R054-1	R054-1-B2	Chip	1304		
R054	R054-1	R054-1-B2	Chip	1273	Discard	1276-1266
R054	R054-1	R054-1-B2	Chip	1249	Discard	1252-1246
R054	R054-1	R054-1-B2	Chip	900	Discard	913-887
R054	R054-1	R054-1-B2	Chip	760	Discard	769-751
R054	R054-1	R054-1-B2	Chip	696	Discard	705-695
R054	R054-1	R054-1-B3	Chip	3055	Discard	3070-3055
R054	R054-1	R054-1-B3	Chip	3022	Discard	3028-3016
R054	R054-1	R054-1-B3	Chip	2954	Discard	2960-2951
R054	R054-1	R054-1-B3	Chip	2924	Discard	2930-2918
R054	R054-1	R054-1-B3	Chip	2872	Discard	2875-2866
R054	R054-1	R054-1-B3	Chip	2853	Discard	2860-2844
R054	R054-1	R054-1-B3	Chip	2728	Discard	2734-2720
R054	R054-1	R054-1-B3	Chip	1726	Discard	1738-1723
R054	R054-1	R054-1-B3	Chip	1695	Discard	1704-1693
R054	R054-1	R054-1-B3	Chip	1603	Discard	1606-1600
R054	R054-1	R054-1-B3	Chip	1539	Discard	1543-1536
R054	R054-1	R054-1-B3	Chip	1496	Discard	1497-1493
R054	R054-1	R054-1-B3	Chip	1460	Discard	1463-1454
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R054	R054-1	R054-1-B3	Chip	1402		
R054	R054-1	R054-1-B3	Chip	1377	Discard	1380-1374
R054	R054-1	R054-1-B3	Chip	1307	Discard	1310-1306
R054	R054-1	R054-1-B3	Chip	1276	Discard	1276-1266
R054	R054-1	R054-1-B3	Chip	904	Discard	913-887
R054	R054-1	R054-1-B3	Chip	763	Discard	769-751
R054	R054-1	R054-1-B3	Chip	699	Discard	705-695
R054	R054-BODY	R054-BODY-B1	Body	3544	Discard	3568-3524
R054	R054-BODY	R054-BODY-B1	Body	3067	Discard	3070-3055
R054	R054-BODY	R054-BODY-B1	Body	3025	Discard	3028-3016
R054	R054-BODY	R054-BODY-B1	Body	2954	Discard	2960-2951
R054	R054-BODY	R054-BODY-B1	Body	2921	Discard	2930-2918
R054	R054-BODY	R054-BODY-B1	Body	2872	Discard	2875-2866
R054	R054-BODY	R054-BODY-B1	Body	2857	Discard	2860-2844
R054	R054-BODY	R054-BODY-B1	Body	2731	Discard	2734-2720
R054	R054-BODY	R054-BODY-B1	Body	1726	Discard	1738-1723
R054	R054-BODY	R054-BODY-B1	Body	1695	Discard	1704-1693
R054	R054-BODY	R054-BODY-B1	Body	1606	Discard	1606-1600
R054	R054-BODY	R054-BODY-B1	Body	1539	Discard	1543-1536
R054	R054-BODY	R054-BODY-B1	Body	1515		
R054	R054-BODY	R054-BODY-B1	Body	1496	Discard	1497-1493
R054	R054-BODY	R054-BODY-B1	Body	1454	Discard	1463-1454
R054	R054-BODY	R054-BODY-B1	Body	1377	Discard	1380-1374
R054	R054-BODY	R054-BODY-B1	Body	1307	Discard	1310-1306
R054	R054-BODY	R054-BODY-B1	Body	1270	Discard	1276-1266
R054	R054-BODY	R054-BODY-B1	Body	1249	Discard	1252-1246
R054	R054-BODY	R054-BODY-B1	Body	965		
R054	R054-BODY	R054-BODY-B1	Body	897	Discard	913-887
R054	R054-BODY	R054-BODY-B1	Body	778		
R054	R054-BODY	R054-BODY-B1	Body	754	Discard	769-751
R054	R054-BODY	R054-BODY-B1	Body	702	Discard	705-695
R054	R054-BODY	R054-BODY-B2	Body	3067	Discard	3070-3055
R054	R054-BODY	R054-BODY-B2	Body	3025	Discard	3028-3016
R054	R054-BODY	R054-BODY-B2	Body	2957	Discard	2960-2951
R054	R054-BODY	R054-BODY-B2	Body	2924	Discard	2930-2918
R054	R054-BODY	R054-BODY-B2	Body	2869	Discard	2875-2866
R054	R054-BODY	R054-BODY-B2	Body	2857	Discard	2860-2844
R054	R054-BODY	R054-BODY-B2	Body	1729	Discard	1738-1723
R054	R054-BODY	R054-BODY-B2	Body	1701	Discard	1704-1693
R054	R054-BODY	R054-BODY-B2	Body	1603	Discard	1606-1600
R054	R054-BODY	R054-BODY-B2	Body	1542	Discard	1543-1536
R054	R054-BODY	R054-BODY-B2	Body	1496	Discard	1497-1493
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R054	R054-BODY	R054-BODY-B2	Body	1457	Discard	1463-1454
R054	R054-BODY	R054-BODY-B2	Body	1377	Discard	1380-1374
R054	R054-BODY	R054-BODY-B2	Body	1307	Discard	1310-1306
R054	R054-BODY	R054-BODY-B2	Body	1273	Discard	1276-1266
R054	R054-BODY	R054-BODY-B2	Body	1249	Discard	1252-1246
R054	R054-BODY	R054-BODY-B2	Body	904	Discard	913-887
R054	R054-BODY	R054-BODY-B2	Body	763	Discard	769-751
R054	R054-BODY	R054-BODY-B2	Body	702	Discard	705-695
R054	R054-BODY	R054-BODY-B3	Body	3535	Discard	3568-3524
R054	R054-BODY	R054-BODY-B3	Body	3061	Discard	3070-3055
R054	R054-BODY	R054-BODY-B3	Body	3022	Discard	3028-3016
R054	R054-BODY	R054-BODY-B3	Body	2954	Discard	2960-2951
R054	R054-BODY	R054-BODY-B3	Body	2924	Discard	2930-2918
R054	R054-BODY	R054-BODY-B3	Body	2872	Discard	2875-2866
R054	R054-BODY	R054-BODY-B3	Body	2857	Discard	2860-2844
R054	R054-BODY	R054-BODY-B3	Body	2725	Discard	2734-2720
R054	R054-BODY	R054-BODY-B3	Body	1732	Discard	1738-1723
R054	R054-BODY	R054-BODY-B3	Body	1698	Discard	1704-1693
R054	R054-BODY	R054-BODY-B3	Body	1603	Discard	1606-1600
R054	R054-BODY	R054-BODY-B3	Body	1539	Discard	1543-1536
R054	R054-BODY	R054-BODY-B3	Body	1500		
R054	R054-BODY	R054-BODY-B3	Body	1454	Discard	1463-1454
R054	R054-BODY	R054-BODY-B3	Body	1377	Discard	1380-1374
R054	R054-BODY	R054-BODY-B3	Body	1307	Discard	1310-1306
R054	R054-BODY	R054-BODY-B3	Body	1273	Discard	1276-1266
R054	R054-BODY	R054-BODY-B3	Body	1255		
R054	R054-BODY	R054-BODY-B3	Body	900	Discard	913-887
R054	R054-BODY	R054-BODY-B3	Body	760	Discard	769-751
R054	R054-BODY	R054-BODY-B3	Body	702	Discard	705-695
R055	R055-1	R055-1-B1	Chip	3067	Discard	3070-3055
R055	R055-1	R055-1-B1	Chip	3022	Discard	3028-3016
R055	R055-1	R055-1-B1	Chip	2954	Discard	2960-2951
R055	R055-1	R055-1-B1	Chip	2921	Discard	2930-2918
R055	R055-1	R055-1-B1	Chip	2872	Discard	2875-2866
R055	R055-1	R055-1-B1	Chip	2850	Discard	2860-2844
R055	R055-1	R055-1-B1	Chip	2731	Discard	2734-2720
R055	R055-1	R055-1-B1	Chip	2361		
R055	R055-1	R055-1-B1	Chip	2328		
R055	R055-1	R055-1-B1	Chip	2050		
R055	R055-1	R055-1-B1	Chip	1726	Discard	1738-1723
R055	R055-1	R055-1-B1	Chip	1698	Discard	1704-1693
R055	R055-1	R055-1-B1	Chip	1603	Discard	1606-1600
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R055	R055-1	R055-1-B1	Chip	1539	Discard	1543-1536
R055	R055-1	R055-1-B1	Chip	1496	Discard	1497-1493
R055	R055-1	R055-1-B1	Chip	1457	Discard	1463-1454
R055	R055-1	R055-1-B1	Chip	1399		
R055	R055-1	R055-1-B1	Chip	1377	Discard	1380-1374
R055	R055-1	R055-1-B1	Chip	1307	Discard	1310-1306
R055	R055-1	R055-1-B1	Chip	1270	Discard	1276-1266
R055	R055-1	R055-1-B1	Chip	894	Discard	913-887
R055	R055-1	R055-1-B1	Chip	766	Discard	769-751
R055	R055-1	R055-1-B1	Chip	696	Discard	705-695
R055	R055-1	R055-1-B2	Chip	3070	Discard	3070-3055
R055	R055-1	R055-1-B2	Chip	3028	Discard	3028-3016
R055	R055-1	R055-1-B2	Chip	2957	Discard	2960-2951
R055	R055-1	R055-1-B2	Chip	2921	Discard	2930-2918
R055	R055-1	R055-1-B2	Chip	2869	Discard	2875-2866
R055	R055-1	R055-1-B2	Chip	2857	Discard	2860-2844
R055	R055-1	R055-1-B2	Chip	1729	Discard	1738-1723
R055	R055-1	R055-1-B2	Chip	1698	Discard	1704-1693
R055	R055-1	R055-1-B2	Chip	1603	Discard	1606-1600
R055	R055-1	R055-1-B2	Chip	1539	Discard	1543-1536
R055	R055-1	R055-1-B2	Chip	1493	Discard	1497-1493
R055	R055-1	R055-1-B2	Chip	1457	Discard	1463-1454
R055	R055-1	R055-1-B2	Chip	1377	Discard	1380-1374
R055	R055-1	R055-1-B2	Chip	907	Discard	913-887
R055	R055-1	R055-1-B2	Chip	769	Discard	769-751
R055	R055-1	R055-1-B2	Chip	699	Discard	705-695
R055	R055-1	R055-1-B3	Chip	3067	Discard	3070-3055
R055	R055-1	R055-1-B3	Chip	3025	Discard	3028-3016
R055	R055-1	R055-1-B3	Chip	2954	Discard	2960-2951
R055	R055-1	R055-1-B3	Chip	2921	Discard	2930-2918
R055	R055-1	R055-1-B3	Chip	2869	Discard	2875-2866
R055	R055-1	R055-1-B3	Chip	2857	Discard	2860-2844
R055	R055-1	R055-1-B3	Chip	1726	Discard	1738-1723
R055	R055-1	R055-1-B3	Chip	1695	Discard	1704-1693
R055	R055-1	R055-1-B3	Chip	1600	Discard	1606-1600
R055	R055-1	R055-1-B3	Chip	1542	Discard	1543-1536
R055	R055-1	R055-1-B3	Chip	1496	Discard	1497-1493
R055	R055-1	R055-1-B3	Chip	1457	Discard	1463-1454
R055	R055-1	R055-1-B3	Chip	1402		
R055	R055-1	R055-1-B3	Chip	1377	Discard	1380-1374
R055	R055-1	R055-1-B3	Chip	900	Discard	913-887
R055	R055-1	R055-1-B3	Chip	763	Discard	769-751
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R055	R055-1	R055-1-B3	Chip	702	Discard	705-695
R055	R055-BODY	R055-BODY-B1	Body	3067	Discard	3070-3055
R055	R055-BODY	R055-BODY-B1	Body	3022	Discard	3028-3016
R055	R055-BODY	R055-BODY-B1	Body	2954	Discard	2960-2951
R055	R055-BODY	R055-BODY-B1	Body	2924	Discard	2930-2918
R055	R055-BODY	R055-BODY-B1	Body	2869	Discard	2875-2866
R055	R055-BODY	R055-BODY-B1	Body	2853	Discard	2860-2844
R055	R055-BODY	R055-BODY-B1	Body	1732	Discard	1738-1723
R055	R055-BODY	R055-BODY-B1	Body	1698	Discard	1704-1693
R055	R055-BODY	R055-BODY-B1	Body	1606	Discard	1606-1600
R055	R055-BODY	R055-BODY-B1	Body	1539	Discard	1543-1536
R055	R055-BODY	R055-BODY-B1	Body	1460	Discard	1463-1454
R055	R055-BODY	R055-BODY-B1	Body	1380	Discard	1380-1374
R055	R055-BODY	R055-BODY-B1	Body	1310	Discard	1310-1306
R055	R055-BODY	R055-BODY-B1	Body	977		
R055	R055-BODY	R055-BODY-B1	Body	900	Discard	913-887
R055	R055-BODY	R055-BODY-B1	Body	781		
R055	R055-BODY	R055-BODY-B1	Body	696	Discard	705-695
R055	R055-BODY	R055-BODY-B2	Body	3067	Discard	3070-3055
R055	R055-BODY	R055-BODY-B2	Body	3022	Discard	3028-3016
R055	R055-BODY	R055-BODY-B2	Body	2954	Discard	2960-2951
R055	R055-BODY	R055-BODY-B2	Body	2927	Discard	2930-2918
R055	R055-BODY	R055-BODY-B2	Body	2869	Discard	2875-2866
R055	R055-BODY	R055-BODY-B2	Body	2853	Discard	2860-2844
R055	R055-BODY	R055-BODY-B2	Body	1732	Discard	1738-1723
R055	R055-BODY	R055-BODY-B2	Body	1701	Discard	1704-1693
R055	R055-BODY	R055-BODY-B2	Body	1606	Discard	1606-1600
R055	R055-BODY	R055-BODY-B2	Body	1493	Discard	1497-1493
R055	R055-BODY	R055-BODY-B2	Body	1457	Discard	1463-1454
R055	R055-BODY	R055-BODY-B2	Body	1377	Discard	1380-1374
R055	R055-BODY	R055-BODY-B2	Body	1307	Discard	1310-1306
R055	R055-BODY	R055-BODY-B2	Body	1273	Discard	1276-1266
R055	R055-BODY	R055-BODY-B2	Body	1252	Discard	1252-1246
R055	R055-BODY	R055-BODY-B2	Body	904	Discard	913-887
R055	R055-BODY	R055-BODY-B2	Body	769	Discard	769-751
R055	R055-BODY	R055-BODY-B2	Body	702	Discard	705-695
R055	R055-BODY	R055-BODY-B3	Body	2954	Discard	2960-2951
R055	R055-BODY	R055-BODY-B3	Body	2924	Discard	2930-2918
R055	R055-BODY	R055-BODY-B3	Body	2869	Discard	2875-2866
R055	R055-BODY	R055-BODY-B3	Body	2853	Discard	2860-2844
R055	R055-BODY	R055-BODY-B3	Body	1536	Discard	1543-1536
R055	R055-BODY	R055-BODY-B3	Body	1454	Discard	1463-1454
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R055	R055-BODY	R055-BODY-B3	Body	1375	Discard	1380-1374
R055	R055-BODY	R055-BODY-B3	Body	910	Discard	913-887
R055	R055-BODY	R055-BODY-B3	Body	769	Discard	769-751
R056	R056-1	R056-1-B1	Chip	3067	Discard	3070-3055
R056	R056-1	R056-1-B1	Chip	3022	Discard	3028-3016
R056	R056-1	R056-1-B1	Chip	2954	Discard	2960-2951
R056	R056-1	R056-1-B1	Chip	2872	Discard	2875-2866
R056	R056-1	R056-1-B1	Chip	1853		
R056	R056-1	R056-1-B1	Chip	1726	Discard	1738-1723
R056	R056-1	R056-1-B1	Chip	1701	Discard	1704-1693
R056	R056-1	R056-1-B1	Chip	1597		
R056	R056-1	R056-1-B1	Chip	1539	Discard	1543-1536
R056	R056-1	R056-1-B1	Chip	1496	Discard	1497-1493
R056	R056-1	R056-1-B1	Chip	1457	Discard	1463-1454
R056	R056-1	R056-1-B1	Chip	1380	Discard	1380-1374
R056	R056-1	R056-1-B1	Chip	1313		
R056	R056-1	R056-1-B1	Chip	1270	Discard	1276-1266
R056	R056-1	R056-1-B1	Chip	904	Discard	913-887
R056	R056-1	R056-1-B1	Chip	760	Discard	769-751
R056	R056-1	R056-1-B1	Chip	705	Discard	705-695
R056	R056-1	R056-1-B2	Chip	3064	Discard	3070-3055
R056	R056-1	R056-1-B2	Chip	3025	Discard	3028-3016
R056	R056-1	R056-1-B2	Chip	2957	Discard	2960-2951
R056	R056-1	R056-1-B2	Chip	2930	Discard	2930-2918
R056	R056-1	R056-1-B2	Chip	2872	Discard	2875-2866
R056	R056-1	R056-1-B2	Chip	2853	Discard	2860-2844
R056	R056-1	R056-1-B2	Chip	1729	Discard	1738-1723
R056	R056-1	R056-1-B2	Chip	1696	Discard	1704-1693
R056	R056-1	R056-1-B2	Chip	1606	Discard	1606-1600
R056	R056-1	R056-1-B2	Chip	1542	Discard	1543-1536
R056	R056-1	R056-1-B2	Chip	1460	Discard	1463-1454
R056	R056-1	R056-1-B2	Chip	1380	Discard	1380-1374
R056	R056-1	R056-1-B2	Chip	910	Discard	913-887
R056	R056-1	R056-1-B2	Chip	766	Discard	769-751
R056	R056-1	R056-1-B3	Chip	3058	Discard	3070-3055
R056	R056-1	R056-1-B3	Chip	3019	Discard	3028-3016
R056	R056-1	R056-1-B3	Chip	2954	Discard	2960-2951
R056	R056-1	R056-1-B3	Chip	2924	Discard	2930-2918
R056	R056-1	R056-1-B3	Chip	2872	Discard	2875-2866
R056	R056-1	R056-1-B3	Chip	2857	Discard	2860-2844
R056	R056-1	R056-1-B3	Chip	1732	Discard	1738-1723
R056	R056-1	R056-1-B3	Chip	1695	Discard	1704-1693
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R056	R056-1	R056-1-B3	Chip	1603	Discard	1606-1600
R056	R056-1	R056-1-B3	Chip	1542	Discard	1543-1536
R056	R056-1	R056-1-B3	Chip	1500		
R056	R056-1	R056-1-B3	Chip	1457	Discard	1463-1454
R056	R056-1	R056-1-B3	Chip	1377	Discard	1380-1374
R056	R056-1	R056-1-B3	Chip	1307	Discard	1310-1306
R056	R056-1	R056-1-B3	Chip	1270	Discard	1276-1266
R056	R056-1	R056-1-B3	Chip	907	Discard	913-887
R056	R056-1	R056-1-B3	Chip	763	Discard	769-751
R056	R056-1	R056-1-B3	Chip	705	Discard	705-695
R056	R056-BODY	R056-BODY-B1	Body	3061	Discard	3070-3055
R056	R056-BODY	R056-BODY-B1	Body	3025	Discard	3028-3016
R056	R056-BODY	R056-BODY-B1	Body	2954	Discard	2960-2951
R056	R056-BODY	R056-BODY-B1	Body	2921	Discard	2930-2918
R056	R056-BODY	R056-BODY-B1	Body	2869	Discard	2875-2866
R056	R056-BODY	R056-BODY-B1	Body	2853	Discard	2860-2844
R056	R056-BODY	R056-BODY-B1	Body	1735	Discard	1738-1723
R056	R056-BODY	R056-BODY-B1	Body	1698	Discard	1704-1693
R056	R056-BODY	R056-BODY-B1	Body	1606	Discard	1606-1600
R056	R056-BODY	R056-BODY-B1	Body	1539	Discard	1543-1536
R056	R056-BODY	R056-BODY-B1	Body	1496	Discard	1497-1493
R056	R056-BODY	R056-BODY-B1	Body	1457	Discard	1463-1454
R056	R056-BODY	R056-BODY-B1	Body	1396		
R056	R056-BODY	R056-BODY-B1	Body	1374	Discard	1380-1374
R056	R056-BODY	R056-BODY-B1	Body	1313		
R056	R056-BODY	R056-BODY-B1	Body	1270	Discard	1276-1266
R056	R056-BODY	R056-BODY-B1	Body	907	Discard	913-887
R056	R056-BODY	R056-BODY-B1	Body	760	Discard	769-751
R056	R056-BODY	R056-BODY-B1	Body	699	Discard	705-695
R056	R056-BODY	R056-BODY-B2	Body	3064	Discard	3070-3055
R056	R056-BODY	R056-BODY-B2	Body	3022	Discard	3028-3016
R056	R056-BODY	R056-BODY-B2	Body	2957	Discard	2960-2951
R056	R056-BODY	R056-BODY-B2	Body	2924	Discard	2930-2918
R056	R056-BODY	R056-BODY-B2	Body	2872	Discard	2875-2866
R056	R056-BODY	R056-BODY-B2	Body	2860	Discard	2860-2844
R056	R056-BODY	R056-BODY-B2	Body	1726	Discard	1738-1723
R056	R056-BODY	R056-BODY-B2	Body	1701	Discard	1704-1693
R056	R056-BODY	R056-BODY-B2	Body	1603	Discard	1606-1600
R056	R056-BODY	R056-BODY-B2	Body	1542	Discard	1543-1536
R056	R056-BODY	R056-BODY-B2	Body	1493	Discard	1497-1493
R056	R056-BODY	R056-BODY-B2	Body	1457	Discard	1463-1454
R056	R056-BODY	R056-BODY-B2	Body	1377	Discard	1380-1374
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R056	R056-BODY	R056-BODY-B2	Body	1310	Discard	1310-1306
R056	R056-BODY	R056-BODY-B2	Body	1258		
R056	R056-BODY	R056-BODY-B2	Body	907	Discard	913-887
R056	R056-BODY	R056-BODY-B2	Body	769	Discard	769-751
R056	R056-BODY	R056-BODY-B2	Body	702	Discard	705-695
R056	R056-BODY	R056-BODY-B3	Body	3064	Discard	3070-3055
R056	R056-BODY	R056-BODY-B3	Body	3022	Discard	3028-3016
R056	R056-BODY	R056-BODY-B3	Body	2957	Discard	2960-2951
R056	R056-BODY	R056-BODY-B3	Body	2924	Discard	2930-2918
R056	R056-BODY	R056-BODY-B3	Body	2875	Discard	2875-2866
R056	R056-BODY	R056-BODY-B3	Body	2850	Discard	2860-2844
R056	R056-BODY	R056-BODY-B3	Body	2728	Discard	2734-2720
R056	R056-BODY	R056-BODY-B3	Body	1732	Discard	1738-1723
R056	R056-BODY	R056-BODY-B3	Body	1695	Discard	1704-1693
R056	R056-BODY	R056-BODY-B3	Body	1606	Discard	1606-1600
R056	R056-BODY	R056-BODY-B3	Body	1539	Discard	1543-1536
R056	R056-BODY	R056-BODY-B3	Body	1493	Discard	1497-1493
R056	R056-BODY	R056-BODY-B3	Body	1460	Discard	1463-1454
R056	R056-BODY	R056-BODY-B3	Body	1402		
R056	R056-BODY	R056-BODY-B3	Body	1380	Discard	1380-1374
R056	R056-BODY	R056-BODY-B3	Body	1313		
R056	R056-BODY	R056-BODY-B3	Body	1273	Discard	1276-1266
R056	R056-BODY	R056-BODY-B3	Body	1252	Discard	1252-1246
R056	R056-BODY	R056-BODY-B3	Body	904	Discard	913-887
R056	R056-BODY	R056-BODY-B3	Body	778		
R056	R056-BODY	R056-BODY-B3	Body	760	Discard	769-751
R056	R056-BODY	R056-BODY-B3	Body	702	Discard	705-695
R057	R057-1	R057-1-B1	Chip	2954	Discard	2960-2951
R057	R057-1	R057-1-B1	Chip	2921	Discard	2930-2918
R057	R057-1	R057-1-B1	Chip	2869	Discard	2875-2866
R057	R057-1	R057-1-B1	Chip	2857	Discard	2860-2844
R057	R057-1	R057-1-B1	Chip	1726	Discard	1738-1723
R057	R057-1	R057-1-B1	Chip	1698	Discard	1704-1693
R057	R057-1	R057-1-B1	Chip	1600	Discard	1606-1600
R057	R057-1	R057-1-B1	Chip	1539	Discard	1543-1536
R057	R057-1	R057-1-B1	Chip	1493	Discard	1497-1493
R057	R057-1	R057-1-B1	Chip	1457	Discard	1463-1454
R057	R057-1	R057-1-B1	Chip	1402		
R057	R057-1	R057-1-B1	Chip	1377	Discard	1380-1374
R057	R057-1	R057-1-B1	Chip	1310	Discard	1310-1306
R057	R057-1	R057-1-B1	Chip	1273	Discard	1276-1266
R057	R057-1	R057-1-B1	Chip	1249	Discard	1252-1246
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R057	R057-1	R057-1-B1	Chip	897	Discard	913-887
R057	R057-1	R057-1-B1	Chip	763	Discard	769-751
R057	R057-1	R057-1-B1	Chip	702	Discard	705-695
R057	R057-1	R057-1-B2	Chip	3046		
R057	R057-1	R057-1-B2	Chip	3028	Discard	3028-3016
R057	R057-1	R057-1-B2	Chip	2951	Discard	2960-2951
R057	R057-1	R057-1-B2	Chip	2924	Discard	2930-2918
R057	R057-1	R057-1-B2	Chip	2869	Discard	2875-2866
R057	R057-1	R057-1-B2	Chip	2853	Discard	2860-2844
R057	R057-1	R057-1-B2	Chip	2722	Discard	2734-2720
R057	R057-1	R057-1-B2	Chip	1726	Discard	1738-1723
R057	R057-1	R057-1-B2	Chip	1698	Discard	1704-1693
R057	R057-1	R057-1-B2	Chip	1542	Discard	1543-1536
R057	R057-1	R057-1-B2	Chip	1496	Discard	1497-1493
R057	R057-1	R057-1-B2	Chip	1457	Discard	1463-1454
R057	R057-1	R057-1-B2	Chip	1377	Discard	1380-1374
R057	R057-1	R057-1-B2	Chip	1310	Discard	1310-1306
R057	R057-1	R057-1-B2	Chip	1026		
R057	R057-1	R057-1-B2	Chip	968		
R057	R057-1	R057-1-B2	Chip	894	Discard	913-887
R057	R057-1	R057-1-B2	Chip	800		
R057	R057-1	R057-1-B2	Chip	778		
R057	R057-1	R057-1-B2	Chip	757	Discard	769-751
R057	R057-1	R057-1-B2	Chip	699	Discard	705-695
R057	R057-1	R057-1-B3	Chip	3046		
R057	R057-1	R057-1-B3	Chip	3022	Discard	3028-3016
R057	R057-1	R057-1-B3	Chip	2951	Discard	2960-2951
R057	R057-1	R057-1-B3	Chip	2921	Discard	2930-2918
R057	R057-1	R057-1-B3	Chip	2866	Discard	2875-2866
R057	R057-1	R057-1-B3	Chip	2850	Discard	2860-2844
R057	R057-1	R057-1-B3	Chip	2725	Discard	2734-2720
R057	R057-1	R057-1-B3	Chip	1726	Discard	1738-1723
R057	R057-1	R057-1-B3	Chip	1698	Discard	1704-1693
R057	R057-1	R057-1-B3	Chip	1603	Discard	1606-1600
R057	R057-1	R057-1-B3	Chip	1539	Discard	1543-1536
R057	R057-1	R057-1-B3	Chip	1496	Discard	1497-1493
R057	R057-1	R057-1-B3	Chip	1460	Discard	1463-1454
R057	R057-1	R057-1-B3	Chip	1402		
R057	R057-1	R057-1-B3	Chip	1374	Discard	1380-1374
R057	R057-1	R057-1-B3	Chip	1313		
R057	R057-1	R057-1-B3	Chip	1267	Discard	1276-1266
R057	R057-1	R057-1-B3	Chip	904	Discard	913-887
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R057	R057-1	R057-1-B3	Chip	763	Discard	769-751
R057	R057-1	R057-1-B3	Chip	705	Discard	705-695
R057	R057-BODY	R057-BODY-B1	Body	3067	Discard	3070-3055
R057	R057-BODY	R057-BODY-B1	Body	3022	Discard	3028-3016
R057	R057-BODY	R057-BODY-B1	Body	2951	Discard	2960-2951
R057	R057-BODY	R057-BODY-B1	Body	2924	Discard	2930-2918
R057	R057-BODY	R057-BODY-B1	Body	2869	Discard	2875-2866
R057	R057-BODY	R057-BODY-B1	Body	2857	Discard	2860-2844
R057	R057-BODY	R057-BODY-B1	Body	1732	Discard	1738-1723
R057	R057-BODY	R057-BODY-B1	Body	1698	Discard	1704-1693
R057	R057-BODY	R057-BODY-B1	Body	1603	Discard	1606-1600
R057	R057-BODY	R057-BODY-B1	Body	1536	Discard	1543-1536
R057	R057-BODY	R057-BODY-B1	Body	1500		
R057	R057-BODY	R057-BODY-B1	Body	1457	Discard	1463-1454
R057	R057-BODY	R057-BODY-B1	Body	1380	Discard	1380-1374
R057	R057-BODY	R057-BODY-B1	Body	1310	Discard	1310-1306
R057	R057-BODY	R057-BODY-B1	Body	1270	Discard	1276-1266
R057	R057-BODY	R057-BODY-B1	Body	900	Discard	913-887
R057	R057-BODY	R057-BODY-B1	Body	766	Discard	769-751
R057	R057-BODY	R057-BODY-B1	Body	699	Discard	705-695
R057	R057-BODY	R057-BODY-B2	Body	3064	Discard	3070-3055
R057	R057-BODY	R057-BODY-B2	Body	3022	Discard	3028-3016
R057	R057-BODY	R057-BODY-B2	Body	2954	Discard	2960-2951
R057	R057-BODY	R057-BODY-B2	Body	2921	Discard	2930-2918
R057	R057-BODY	R057-BODY-B2	Body	2872	Discard	2875-2866
R057	R057-BODY	R057-BODY-B2	Body	2853	Discard	2860-2844
R057	R057-BODY	R057-BODY-B2	Body	2731	Discard	2734-2720
R057	R057-BODY	R057-BODY-B2	Body	2352		
R057	R057-BODY	R057-BODY-B2	Body	2325		
R057	R057-BODY	R057-BODY-B2	Body	2300		
R057	R057-BODY	R057-BODY-B2	Body	2242		
R057	R057-BODY	R057-BODY-B2	Body	1729	Discard	1738-1723
R057	R057-BODY	R057-BODY-B2	Body	1701	Discard	1704-1693
R057	R057-BODY	R057-BODY-B2	Body	1610		
R057	R057-BODY	R057-BODY-B2	Body	1539	Discard	1543-1536
R057	R057-BODY	R057-BODY-B2	Body	1496	Discard	1497-1493
R057	R057-BODY	R057-BODY-B2	Body	1454	Discard	1463-1454
R057	R057-BODY	R057-BODY-B2	Body	1405		
R057	R057-BODY	R057-BODY-B2	Body	1377	Discard	1380-1374
R057	R057-BODY	R057-BODY-B2	Body	1310	Discard	1310-1306
R057	R057-BODY	R057-BODY-B2	Body	1270	Discard	1276-1266
R057	R057-BODY	R057-BODY-B2	Body	1249	Discard	1252-1246
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R057	R057-BODY	R057-BODY-B2	Body	1026		
R057	R057-BODY	R057-BODY-B2	Body	965		
R057	R057-BODY	R057-BODY-B2	Body	900	Discard	913-887
R057	R057-BODY	R057-BODY-B2	Body	897	Discard	913-887
R057	R057-BODY	R057-BODY-B2	Body	772		
R057	R057-BODY	R057-BODY-B2	Body	748		
R057	R057-BODY	R057-BODY-B2	Body	699	Discard	705-695
R057	R057-BODY	R057-BODY-B3	Body	3067	Discard	3070-3055
R057	R057-BODY	R057-BODY-B3	Body	3025	Discard	3028-3016
R057	R057-BODY	R057-BODY-B3	Body	2960	Discard	2960-2951
R057	R057-BODY	R057-BODY-B3	Body	2924	Discard	2930-2918
R057	R057-BODY	R057-BODY-B3	Body	2872	Discard	2875-2866
R057	R057-BODY	R057-BODY-B3	Body	2853	Discard	2860-2844
R057	R057-BODY	R057-BODY-B3	Body	1732	Discard	1738-1723
R057	R057-BODY	R057-BODY-B3	Body	1701	Discard	1704-1693
R057	R057-BODY	R057-BODY-B3	Body	1606	Discard	1606-1600
R057	R057-BODY	R057-BODY-B3	Body	1542	Discard	1543-1536
R057	R057-BODY	R057-BODY-B3	Body	1496	Discard	1497-1493
R057	R057-BODY	R057-BODY-B3	Body	1460	Discard	1463-1454
R057	R057-BODY	R057-BODY-B3	Body	1377	Discard	1380-1374
R057	R057-BODY	R057-BODY-B3	Body	1310	Discard	1310-1306
R057	R057-BODY	R057-BODY-B3	Body	1276	Discard	1276-1266
R057	R057-BODY	R057-BODY-B3	Body	1255		
R057	R057-BODY	R057-BODY-B3	Body	907	Discard	913-887
R057	R057-BODY	R057-BODY-B3	Body	763	Discard	769-751
R057	R057-BODY	R057-BODY-B3	Body	702	Discard	705-695
R058	R058-1	R058-1-B1	Chip	3061	Discard	3070-3055
R058	R058-1	R058-1-B1	Chip	3028	Discard	3028-3016
R058	R058-1	R058-1-B1	Chip	2957	Discard	2960-2951
R058	R058-1	R058-1-B1	Chip	2921	Discard	2930-2918
R058	R058-1	R058-1-B1	Chip	2872	Discard	2875-2866
R058	R058-1	R058-1-B1	Chip	2850	Discard	2860-2844
R058	R058-1	R058-1-B1	Chip	2731	Discard	2734-2720
R058	R058-1	R058-1-B1	Chip	1729	Discard	1738-1723
R058	R058-1	R058-1-B1	Chip	1701	Discard	1704-1693
R058	R058-1	R058-1-B1	Chip	1600	Discard	1606-1600
R058	R058-1	R058-1-B1	Chip	1539	Discard	1543-1536
R058	R058-1	R058-1-B1	Chip	1496	Discard	1497-1493
R058	R058-1	R058-1-B1	Chip	1460	Discard	1463-1454
R058	R058-1	R058-1-B1	Chip	1405		
R058	R058-1	R058-1-B1	Chip	1377	Discard	1380-1374
R058	R058-1	R058-1-B1	Chip	1304		
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R058	R058-1	R058-1-B1	Chip	1273	Discard	1276-1266
R058	R058-1	R058-1-B1	Chip	1252	Discard	1252-1246
R058	R058-1	R058-1-B1	Chip	1010		
R058	R058-1	R058-1-B1	Chip	968		
R058	R058-1	R058-1-B1	Chip	894	Discard	913-887
R058	R058-1	R058-1-B1	Chip	800		
R058	R058-1	R058-1-B1	Chip	781		
R058	R058-1	R058-1-B1	Chip	760	Discard	769-751
R058	R058-1	R058-1-B1	Chip	702	Discard	705-695
R058	R058-1	R058-1-B2	Chip	3067	Discard	3070-3055
R058	R058-1	R058-1-B2	Chip	3028	Discard	3028-3016
R058	R058-1	R058-1-B2	Chip	2951	Discard	2960-2951
R058	R058-1	R058-1-B2	Chip	2924	Discard	2930-2918
R058	R058-1	R058-1-B2	Chip	2869	Discard	2875-2866
R058	R058-1	R058-1-B2	Chip	2728	Discard	2734-2720
R058	R058-1	R058-1-B2	Chip	1860		
R058	R058-1	R058-1-B2	Chip	1729	Discard	1738-1723
R058	R058-1	R058-1-B2	Chip	1698	Discard	1704-1693
R058	R058-1	R058-1-B2	Chip	1606	Discard	1606-1600
R058	R058-1	R058-1-B2	Chip	1539	Discard	1543-1536
R058	R058-1	R058-1-B2	Chip	1496	Discard	1497-1493
R058	R058-1	R058-1-B2	Chip	1457	Discard	1463-1454
R058	R058-1	R058-1-B2	Chip	1377	Discard	1380-1374
R058	R058-1	R058-1-B2	Chip	1307	Discard	1310-1306
R058	R058-1	R058-1-B2	Chip	1270	Discard	1276-1266
R058	R058-1	R058-1-B2	Chip	1249	Discard	1252-1246
R058	R058-1	R058-1-B2	Chip	897	Discard	913-887
R058	R058-1	R058-1-B2	Chip	763	Discard	769-751
R058	R058-1	R058-1-B2	Chip	708	Residue	
R058	R058-1	R058-1-B3	Chip	3067	Discard	3070-3055
R058	R058-1	R058-1-B3	Chip	3022	Discard	3028-3016
R058	R058-1	R058-1-B3	Chip	2954	Discard	2960-2951
R058	R058-1	R058-1-B3	Chip	2921	Discard	2930-2918
R058	R058-1	R058-1-B3	Chip	2872	Discard	2875-2866
R058	R058-1	R058-1-B3	Chip	2857	Discard	2860-2844
R058	R058-1	R058-1-B3	Chip	1726	Discard	1738-1723
R058	R058-1	R058-1-B3	Chip	1701	Discard	1704-1693
R058	R058-1	R058-1-B3	Chip	1606	Discard	1606-1600
R058	R058-1	R058-1-B3	Chip	1536	Discard	1543-1536
R058	R058-1	R058-1-B3	Chip	1496	Discard	1497-1493
R058	R058-1	R058-1-B3	Chip	1460	Discard	1463-1454
R058	R058-1	R058-1-B3	Chip	1380	Discard	1380-1374
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R058	R058-1	R058-1-B3	Chip	1307	Discard	1310-1306
R058	R058-1	R058-1-B3	Chip	1276	Discard	1276-1266
R058	R058-1	R058-1-B3	Chip	907	Discard	913-887
R058	R058-1	R058-1-B3	Chip	760	Discard	769-751
R058	R058-1	R058-1-B3	Chip	705	Discard	705-695
R058	R058-BODY	R058-BODY-B1	Body	3067	Discard	3070-3055
R058	R058-BODY	R058-BODY-B1	Body	3025	Discard	3028-3016
R058	R058-BODY	R058-BODY-B1	Body	2954	Discard	2960-2951
R058	R058-BODY	R058-BODY-B1	Body	2918	Discard	2930-2918
R058	R058-BODY	R058-BODY-B1	Body	2869	Discard	2875-2866
R058	R058-BODY	R058-BODY-B1	Body	2853	Discard	2860-2844
R058	R058-BODY	R058-BODY-B1	Body	2728	Discard	2734-2720
R058	R058-BODY	R058-BODY-B1	Body	1729	Discard	1738-1723
R058	R058-BODY	R058-BODY-B1	Body	1701	Discard	1704-1693
R058	R058-BODY	R058-BODY-B1	Body	1606	Discard	1606-1600
R058	R058-BODY	R058-BODY-B1	Body	1500		
R058	R058-BODY	R058-BODY-B1	Body	1460	Discard	1463-1454
R058	R058-BODY	R058-BODY-B1	Body	1402		
R058	R058-BODY	R058-BODY-B1	Body	1380	Discard	1380-1374
R058	R058-BODY	R058-BODY-B1	Body	1310	Discard	1310-1306
R058	R058-BODY	R058-BODY-B1	Body	1270	Discard	1276-1266
R058	R058-BODY	R058-BODY-B1	Body	1246	Discard	1252-1246
R058	R058-BODY	R058-BODY-B1	Body	1246	Discard	1252-1246
R058	R058-BODY	R058-BODY-B1	Body	904	Discard	913-887
R058	R058-BODY	R058-BODY-B1	Body	778		
R058	R058-BODY	R058-BODY-B1	Body	763	Discard	769-751
R058	R058-BODY	R058-BODY-B1	Body	702	Discard	705-695
R058	R058-BODY	R058-BODY-B2	Body	3541	Discard	3568-3524
R058	R058-BODY	R058-BODY-B2	Body	3067	Discard	3070-3055
R058	R058-BODY	R058-BODY-B2	Body	3019	Discard	3028-3016
R058	R058-BODY	R058-BODY-B2	Body	2951	Discard	2960-2951
R058	R058-BODY	R058-BODY-B2	Body	2921	Discard	2930-2918
R058	R058-BODY	R058-BODY-B2	Body	2869	Discard	2875-2866
R058	R058-BODY	R058-BODY-B2	Body	2857	Discard	2860-2844
R058	R058-BODY	R058-BODY-B2	Body	2734	Discard	2734-2720
R058	R058-BODY	R058-BODY-B2	Body	1732	Discard	1738-1723
R058	R058-BODY	R058-BODY-B2	Body	1698	Discard	1704-1693
R058	R058-BODY	R058-BODY-B2	Body	1603	Discard	1606-1600
R058	R058-BODY	R058-BODY-B2	Body	1542	Discard	1543-1536
R058	R058-BODY	R058-BODY-B2	Body	1515		
R058	R058-BODY	R058-BODY-B2	Body	1493	Discard	1497-1493
R058	R058-BODY	R058-BODY-B2	Body	1460	Discard	1463-1454
Sample	**Location**	**Run**	**Sample Type**	**Peak**	**Discard**	**Discard Peak**

R058	R058-BODY	R058-BODY-B2	Body	1377	Discard	1380-1374
R058	R058-BODY	R058-BODY-B2	Body	1307	Discard	1310-1306
R058	R058-BODY	R058-BODY-B2	Body	1273	Discard	1276-1266
R058	R058-BODY	R058-BODY-B2	Body	1249	Discard	1252-1246
R058	R058-BODY	R058-BODY-B2	Body	900	Discard	913-887
R058	R058-BODY	R058-BODY-B2	Body	757	Discard	769-751
R058	R058-BODY	R058-BODY-B2	Body	702	Discard	705-695
R058	R058-BODY	R058-BODY-B3	Body	3532	Discard	3568-3524
R058	R058-BODY	R058-BODY-B3	Body	3067	Discard	3070-3055
R058	R058-BODY	R058-BODY-B3	Body	3025	Discard	3028-3016
R058	R058-BODY	R058-BODY-B3	Body	2957	Discard	2960-2951
R058	R058-BODY	R058-BODY-B3	Body	2927	Discard	2930-2918
R058	R058-BODY	R058-BODY-B3	Body	2875	Discard	2875-2866
R058	R058-BODY	R058-BODY-B3	Body	2853	Discard	2860-2844
R058	R058-BODY	R058-BODY-B3	Body	2725	Discard	2734-2720
R058	R058-BODY	R058-BODY-B3	Body	1729	Discard	1738-1723
R058	R058-BODY	R058-BODY-B3	Body	1698	Discard	1704-1693
R058	R058-BODY	R058-BODY-B3	Body	1603	Discard	1606-1600
R058	R058-BODY	R058-BODY-B3	Body	1539	Discard	1543-1536
R058	R058-BODY	R058-BODY-B3	Body	1493	Discard	1497-1493
R058	R058-BODY	R058-BODY-B3	Body	1457	Discard	1463-1454
R058	R058-BODY	R058-BODY-B3	Body	1380	Discard	1380-1374
R058	R058-BODY	R058-BODY-B3	Body	1310	Discard	1310-1306
R058	R058-BODY	R058-BODY-B3	Body	1273	Discard	1276-1266
R058	R058-BODY	R058-BODY-B3	Body	1255		
R058	R058-BODY	R058-BODY-B3	Body	900	Discard	913-887
R058	R058-BODY	R058-BODY-B3	Body	763	Discard	769-751
R058	R058-BODY	R058-BODY-B3	Body	702	Discard	705-695

Table 2: FTIR Data Rejected for Being from Commonly Occurring Peaks

This table contains all 21 commonly-occurring peaks from imported ceramics that were removed from the analysis, along with the number of runs that had these peaks. The excluded peaks are presumably from the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution. Peak values are in cm-1.

Discard Peak	Peaks
1252-1246	78
1276-1266	115
1310-1306	104
1380-1374	159
1463-1454	162
1497-1493	99
1543-1536	155
1606-1600	130
1704-1693	155
1738-1723	156
2734-2720	87
2860-2844	157
2875-2866	163
2930-2918	160
2960-2951	164
3028-3016	134
3070-3055	130
3422-3281	21
3568-3524	66
705-695	140
769-751	158
913-887	163

Table 3: Comparison FTIR Peaks from Chipped Areas and Control Samples

This table contains all of the peaks left in the dataset after the commonly-occur peaks were excluded, along with the control samples. Peak values are in cm-1. Any peak from the Imported Samples that was more than 5 cm-1 from a peak associated with a control sample was considered a residue and analyzed in Chapter 8. Imported Control are control samples from imported ceramics, Local Control 1 are control samples from locally-made utilitarian wares that have "normal" background readings (see Appendix G, Table 2) and Local Control 2 are local utilitarian wares with little to no background readings (see Appendix G, Table 3, also see Chapter 9).

Peak	Imported Samples	Imported Control	Local Control 1	Local Control 2
3330		1		
3291		1		
3086			1	
3083			1	
3049	1			
3046	2			
3043		1	2	
3041		1		
3031			1	
2658				1
2368			1	
2364	1		1	
2361	4	2	5	
2358	5	1	6	
2356		1		
2355	2	1	1	
2353	1			
2352	1	3		
2346			1	
2341		1		
2340	1	2		
2337			1	
2334			2	
2331	1			
2328	1		3	
2325	1	3	3	
2322	3	1	1	
2321	1			
2319		1		
2300		1		
2285			1	
2242		1		
2227			1	

Peak	Imported Samples	Imported Control	Local Control 1	Local Control 2
2199	1			
2186	1			
2183	1			
2181	1			
2169	1	1		
2166	1	2	1	
2163	1			
2144	1			
2129	1			
2117				1
2111				1
2108	1			
2101	1			
2082	1			
2053				4
2050	1			3
2048	1			
2045		1		
2037				1
2034				2
2016				1
2013	1			
2010				1
1998				1
1996	1			
1992				1
1989		2		1
1985	1		1	
1982	3		1	
1981	1			
1979	3	5	2	
1943	1			
1924	1			
1888		1		
1882		1		
1875	1		2	
1869			1	
1866	1		1	1
1860	1			
1853	1			
1850		1		
1707	1			

Peak	Imported Samples	Imported Control	Local Control 1	Local Control 2
1652	1	1		
1649	1			
1646		1		
1634		1		
1610	3	1		
1597	1	2		
1585			1	
1518	4		5	
1515	9	10	16	
1513	1	1		
1512	4		3	
1506		1		
1500	2	3		
1490	2	1		
1435				1
1429	1			
1426		1		
1414			1	
1405	2	1	1	
1402	5	4	2	
1399	1	2	4	
1396	2	1		
1371			1	
1368				1
1344			1	
1338				1
1325			1	
1319				1
1313	5	5		
1304	7	4		
1258		1		
1255	2	4		
1243	1			
1174	1			
1172			1	
1169	1			1
1166				1
1163	2		6	2
1128	1			
1108	1			
1071	1			
1053		1		

Peak	Imported Samples	Imported Control	Local Control 1	Local Control 2
1044				1
1041			2	1
1038				1
1036	2			
1032		1	1	
1029	1	1	2	
1026	1	2	1	
1023	1		3	1
1020	1	1	1	
1017	1		3	
1014			2	
1010	1		2	
1003			1	
1001		1	1	2
998	1		1	1
994		1		
990		1		
989				1
987		2		
983			1	
980				
979	2			
977		1	1	
974		1	1	
971		1	5	
968	3	1	5	
967	1			
965	4	3	1	
963			1	
962	1	1	2	
960	2			
956	1			
949	1			
919	1			
916	1			
885	1			
882	3			
824			1	
820	1			
800	2	1	5	8
798			1	
797	4	1	6	3

Peak	Imported Samples	Imported Control	Local Control 1	Local Control 2
794	1	1		
793		1		
788	1		1	
786				1
784		1		
781	2	1		
778	5	6	8	
777	1	1		
776	1		1	
775	1	1	9	
772		1	2	
748	3	2	2	
746	1			
745	1	1	1	
742	1			
735			1	
723			1	
711			1	
708	1			
669		1		
677				1
662			1	
653			1	
647			1	
635				1
622	1	1		1
616	2			
613		2		
607				1
604				1
595	1			
586			1	
583			1	
580			3	2
573	1			
571	1			
570	1			
567	1			1
564			1	
561				1
555			2	1
552	1			

Table 4: FTIR Reference Library

This table contains the reference library for the FTIR analysis. When the type of chemical bonds present in the listed substance is known, it is listed in the "Bond Type" column. The source of the data is listed in the "Source" column. Any source listed as "data collected by myself" was collected by me during my analysis. These data were obtained by eliminating all peaks that aligned with the commonly occurring peaks (see Table 2 and Appendix G, Table 4), and excluding any peak that was only seen in one of the three runs I analyzed from each substance. The raw data is presented I Table 5. All peak values are in cm-1.

Peak	Substance	Bond Type	Source
3600-3300	Starch (General)		Abdullah et al. 2018
3600-3200	Water	O-H Stretch	Logan and Cummings 2012
3558	Sucrose		University of Tartu n.d.
3534	White Lead		University of Tartu n.d.
3523	Starch (potato)	O-H Stretch	Abdullah et al. 2018
3500-3300	Amines		Cummings et al. 2010
3500	Amines (primary)	N-H Stretch	Millipore Sigma 2021
3478	Sodium Nitrate		Trivedi et al. 2015
3452	Chitin	O-H Stretch	Cummings and Kovácik 2018
3448	Starch (Corn/Cassava)	O-H Stretch	Abdullah et al. 2018
3448	Potassium Nitrate		Weiner 2010
3447	Urea		Weiner 2010
3446	Urea		Weiner 2010
3444	Chitin	O-H Stretch	Cummings and Kovácik 2018
3438	Apple (pectin)		Joel et al. 2018
3430	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
3414	Pine (bark)		Weiner 2010
3409	Blackberry		Stevanović et al. 2019
3404	Tomato (pulp)		Javadi Doodran 2020
3400	Starch (General)		Weiner 2010
3400-3300	Amines (primary)	N-H Stretch	Millipore Sigma 2021
3399	Pine (wood)		Weiner 2010
3390	Okra (mucilage)		Palei et al. 2016
3384	Castor Oil		University of Tartu n.d.
3383	Persimmon (powdered)		Xie et al. 2016
3376	Sucrose		University of Tartu n.d.
3371		O-H Stretch	Cummings et al. 2010
3367	Alum		Cameo 2019
3362	Onion		Ferry et al. 2013
3350-3310	Amines (secondary)	N-H Stretch	Millipore Sigma 2021
3342		O-H Stretch	Cummings et al. 2010
3340	Sorghum (Fiber)		Husnil et al. 2019
3334		O-H Stretch	Cummings et al. 2010

Peak	Substance	Bond Type	Source
3333-3267	Alkyne	C-H Stretch	Millipore Sigma 2021
3317	Watermelon (rind)		Lakshmipathy and Sarada 2015
3316	Sorghum		Lin 2020
3314	Egg (white)		Weiner 2010
3306	Sucrose		University of Tartu n.d.
3300-3100	Proteins	N-H Stretch	Logan and Cummings 2012
3300-2500	Carboxylic acid	O-H Stretch	Millipore Sigma 2021
3292	Egg (yolk)		Weiner 2010
3290	Starch (chickpea)		Bitik et al. 2019
3287-3290	Meat (amide A - protein, carbohydrates)	O-H Stretch	Candoğan et al. 2021
3275	Tanic Acid		Wahyono et al. 2019
3274	Cabbage		Kamar et al. 2016
3256	Urea		Weiner 2010
3222	Urea		Weiner 2010
3200-2700	Alcohol (intermolecular bonded)	O-H Stretch	Millipore Sigma 2021
3126-3116	Tea Souchong (Raw)		Data collected by myself
3122-3116	Tea Congou (Raw)		Data collected by myself
3119-3116	Tea Bohea (Raw)		Data collected by myself
3119-3116	Tea Singlo (Steeped)		Data collected by myself
3116-3113	Tea Bohea (Steeped)		Data collected by myself
3116-3110	Tea Congou (Steeped)		Data collected by myself
3116-313	Tea Hyson (Steeped)		Data collected by myself
3116-3113	Tea Souchong (Steeped)		Data collected by myself
3105	Uric Acid		Weiner 2010
3100-3000	Alkene	C-H Stretch	Millipore Sigma 2021
3074	Egg (white)		Weiner 2010
3068	Meat (amide B- protein)	N-H Stretch	Candoğan et al. 2021
3015-3009	Cabbage (Cooked)		Data collected by myself
3015-3012	Cucumber (Skin)		Data collected by myself
3015-3009	Tea Hyson (Raw)		Data collected by myself
3015-3012	Tea Singlo (Raw)		Data collected by myself
3014	Uric Acid		Weiner 2010
3012-3009	Cornmeal (Raw)		Data collected by myself
3012-3009	Turnip Green (Cooked)		Data collected by myself
3012	Turnip Green (Raw)		Data collected by myself
3010	Linseed Oil		University of Tartu n.d.
3008	Castor Oil		University of Tartu n.d.
3007-3005	Meat (lipid)	C=H Stretch	Candoğan et al. 2021
3007	Sesame seed oil		Irnawati et al. 2019
3007	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
3004	Egg (yolk)		Weiner 2010

Peak	Substance	Bond Type	Source
3000-2800	Aldehydes (fats, oils, lipids, waxes)		Logan and Cummings 2012
3000-2842	Alkene	C-H Stretch	Millipore Sigma 2021
3000-2800	Amine salt	N-H Stretch	Millipore Sigma 2021
3000	Carboxylic acid	O-H Stretch	Millipore Sigma 2021
2995	Sucrose		University of Tartu n.d.
2989	Lactic Acid		Păucean 2017
2974		CH3 Asymmetic Stretch	Logan and Cummings 2012
2971	Sucrose		University of Tartu n.d.
2970	Meat (protein, lipids)	CH3 Asymmetric Strech	Candoğan et al. 2021
2969		CH3 Asymmetic Stretch	Logan and Cummings 2012
2968	Fats, oils, lipids	CH3 Asymmetic Stretch	Logan and Cummings 2012
2967	Egg (white)		Weiner 2010
2965	Fats, oils, lipids	CH3 Asymmetic Stretch	Cummings et al. 2010
2962	Fats, oils, lipids	CH3 Asymmetic Stretch	Logan and Cummings 2012
2960	Turnip		Ding et al. 2020
2959		CH2 Asymmetic Stretch	Logan and Cummings 2012
2957-2953	Meat (protein, lipids)	CH3 Asymmetric Strech	Candoğan et al. 2021
2956	Fats, oils, lipids	CH3 Asymmetic Stretch	Logan and Cummings 2012
2954	Egg (yolk)		Weiner 2010
2953	Sesame seed oil		Irnawati et al. 2019
2953	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
2941	Sucrose		University of Tartu n.d.
2939	Lactic Acid		Păucean 2017
2938		CH2 Asymmetic Stretch	Logan and Cummings 2012
2936		CH2 Asymmetic Stretch	Logan and Cummings 2012
2936	Blackberry		Stevanović et al. 2019
2934		CH2 Asymmetic Stretch	Logan and Cummings 2012
2933	Chitin	COCH3 Stretch	Cummings and Kovácik 2018
2932	Startch (sweet potato)		Babu 2015
2931	Starch (General)	C-H Stretch	Abdullah et al. 2018
2931	Starch (General)		Weiner 2010
2931		CH2 Asymmetic Stretch	Logan and Cummings 2012
2931	Persimmon (powdered)		Xie et al. 2016
2930	Starch (Cassava)	C-H Stretch	Abdullah et al. 2018
2930	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
2930	Egg (white)		Weiner 2010
2930		CH2 Asymmetic Stretch	Logan and Cummings 2012
2929	Starch (Corn)	C-H Stretch	Abdullah et al. 2018
2929	Pine (Resin)		Vahur et al. 2001

Peak	Substance	Bond Type	Source
2928	Tomato (pulp)		Javadi Doodran 2020
2928	Okra (mucilage)		Palei et al. 2016
2927	Starch (Potato)	C-H Stretch	Abdullah et al. 2018
2927	Egg (yolk)		Weiner 2010
2926	Alum		Cameo 2019
2926	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
2926	Urea		Weiner 2010
2926	Uric Acid		Weiner 2010
2926		CH2 Asymmetic Stretch	Logan and Cummings 2012
2925	Starch (chickpea)		Bitik et al. 2019
2925-2916	Meat (lipid)	CH2 Asymmetric Strech	Candoğan et al. 2021
2925	Sorghum		Lin 2020
2924		CH2 Asymmetic Stretch	Logan and Cummings 2012
2923	Apple (pectin)		Joel et al. 2018
2923	Castor Oil		University of Tartu n.d.
2923	Linseed Oil		University of Tartu n.d.
2922	Coffee		Abdalla 2015
2922	Sesame seed oil		Irnawati et al. 2019
2922		CH2 Asymmetic Stretch	Logan and Cummings 2012
2922	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
2918	Cabbage		Kamar et al. 2016
2917	Watermelon (rind)		Lakshmipathy and Sarada 2015
2916	Pine (bark)		Weiner 2010
2916	White Lead		University of Tartu n.d.
2915	Tea Hyson (Raw)		Data collected by myself
2914	Sucrose		University of Tartu n.d.
2913	Pine (wood)		Weiner 2010
2900	Sorghum (Fiber)		Husnil et al. 2019
2896	Sucrose		University of Tartu n.d.
2891	Chitin	C-H Stretch	Cummings and Kovácik 2018
2891	Onion		Ferry et al. 2013
2890-2881	Cucumber (Flesh)		Data collected by myself
2889	Starch (General)		Weiner 2010
2887	Onion		Ferry et al. 2013
2885		CH2 Asymmetic Stretch	Logan and Cummings 2012
2879	Fats, oils, lipids, waxes	CH3 Asymmetic Stretch	Cummings and Logan 2012
2876	Uric Acid		Weiner 2010
2876		CH2 Asymmetic Stretch	Logan and Cummings 2012
2875-2870	Meat (protein, lipids)	CH3 Asymmetric Strech	Candoğan et al. 2021
2875	Fats, oils, lipids, waxes	CH3 Asymmetic Stretch	Cummings and Logan 2012

Peak	Substance	Bond Type	Source
2874	Egg (white)		Weiner 2010
2873	Fats, oils, lipids, waxes	CH3 Asymmetic Stretch	Cummings and Logan 2012
2872	CH2 Asymmetic Stretch	CH2	Logan and Cummings 2012
2872	Fats, oils, lipids	CH3 Asymmetic Stretch	Logan and Cummings 2012
2872	Pine (Resin)		Vahur et al. 2001
2871	Fats, oils, lipids, waxes	CH3 Symmetric Stretch	Cummings and Logan 2012
2870	Fats, oils, lipids, waxes	CH3 Symmetric Stretch	Cummings and Logan 2012
2864	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
2863	CH2 Asymmetic Stretch	CH2	Logan and Cummings 2012
2858	CH2 Asymmetic Stretch	CH2	Logan and Cummings 2012
2855		CH2 Symmetric Stretch	Puseman et al. 2012
2854	Sorghum		Lin 2020
2853	Coffee		Abdalla 2015
2853-2850	Meat (lipid)	CH2 Asymmetric Strech	Candoğan et al. 2021
2853	Sesame seed oil		Irnawati et al. 2019
2853	Egg (yolk)		Weiner 2010
2853	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
2853	Linseed Oil		University of Tartu n.d.
2852	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
2849	White Lead		University of Tartu n.d.
2833	Tanic Acid		Wahyono et al. 2019
2695	Aldehyde	C-H Stretch	Millipore Sigma 2021
2822	Uric Acid		Weiner 2010
2802	Onion		Ferry et al. 2013
2694	Uric Acid		Weiner 2010
2673	Tea Congou (Steeped)		Data collected by myself
2670	Tea Hyson (Steeped)		Data collected by myself
2651	Pine (Resin)		Vahur et al. 2001
2600-2550	Thiol	S-H Stretch	Millipore Sigma 2021
2475	Tea Congou (Steeped)		Data collected by myself
2499-2496	Tea Congou (Steeped)		Data collected by myself
2428	Potassium Nitrate		Weiner 2010
2427	Sodium Nitrate		Trivedi et al. 2015
2399	Potassium Nitrate		Weiner 2010
2368-2361	Cabbage (Raw)		Data collected by myself
2368-2361	Corn Coffee (Steeped)		Data collected by myself
2362	Cabbage		Kamar et al. 2016
2362	Persimmon (powdered)		Xie et al. 2016
2361-2358	Cornmeal (Raw)		Data collected by myself
2361-2358	Tea Congou (Steeped)		Data collected by myself

Peak	Substance	Bond Type	Source
2361	Tanic Acid		Wahyono et al. 2019
2358	Starch (Potato)	O=C=O	Abdullah et al. 2018
2358-2355	Cornmeal (Cooked)		Data collected by myself
2352	Turnip Green (Raw)		Data collected by myself
2350	Starch (General)	O=C=O	Abdullah et al. 2018
2349	Carbon dioxide	O=C=O Stretch	Millipore Sigma 2021
2331-2328	Cabbage (Raw)		Data collected by myself
2331-2325	Tea Congou (Steeped)		Data collected by myself
2331-2325	Turnip Green (Raw)		Data collected by myself
2328	Corn Coffee (Steeped)		Data collected by myself
2328-2322	Cornmeal (Cooked)		Data collected by myself
2275-2250	Isocyanate	N=C=O Stretch	Millipore Sigma 2021
2264	Cornmeal (Cooked)		Data collected by myself
2260-2190	Alkyne	CΞC Stretch	Millipore Sigma 2021
2260-2222	Nitrile	CΞN Stretch	Millipore Sigma 2021
2206-2193	Cornmeal (Cooked)		Data collected by myself
2202-2199	Corn Coffee (Steeped)		Data collected by myself
2193	Cucumber (Skin)		Data collected by myself
2175-2140	Thiocyanate	S-CΞN Stretch	Millipore Sigma 2021
2196-2166	Cornmeal (Cooked)		Data collected by myself
2166-2160	Corn Coffee (Steeped)		Data collected by myself
2160-2120	Azide	N=N=N Stretch	Millipore Sigma 2021
2150	Ketene	C=C=O Stretch	Millipore Sigma 2021
2150	Okra (mucilage)		Palei et al. 2016
2140-2100	Alkyne	CΞC Stretch	Millipore Sigma 2021
2140-1990	Isothicyanate	N=C=S Stretch	Millipore Sigma 2021
2126	Onion		Ferry et al. 2013
2120-2114	Cornmeal (Cooked)		Data collected by myself
2114	Cucumber (Skin)		Data collected by myself
2083-2080	Turnip Green (Raw)		Data collected by myself
2080-2077	Corn Coffee (Steeped)		Data collected by myself
2074	Cornmeal (Cooked)		Data collected by myself
2062-2050	Corn Coffee (Steeped)		Data collected by myself
2053	Cornmeal (Cooked)		Data collected by myself
2000-1900	Allene	C=C=C Stretch	Millipore Sigma 2021
2000	Ketenimine	C=C=N	Millipore Sigma 2021
2000-1650	Aromatic	C-H Bend	Millipore Sigma 2021
1989-1979	Cucumber (Skin)		Data collected by myself
1974	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1847	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1807	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1796	Onion		Ferry et al. 2013

Peak	Substance	Bond Type	Source
1788	Sodium Nitrate		Trivedi et al. 2015
1778	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1772-1768	Tea Congou (Steeped)		Data collected by myself
1769	Onion		Ferry et al. 2013
1762	Potassium Nitrate		Weiner 2010
1760	Carboxylic acid	C=O Stretch	Millipore Sigma 2021
1754	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1750-1730	Saturated esters (lipids)	C=O Stretch	Cummings and Logan 2012
1750	Apple (pectin)		Joel et al. 2018
1750-1735	Ester	C=O Stretch	Millipore Sigma 2021
1750-1735	δ-lactone	C=O Stretch	Millipore Sigma 2021
1747	Corn Coffee (Raw)		Data collected by myself
1747-1744	Cornmeal (Cooked)		Data collected by myself
1747-1744	Cornmeal (Raw)		Data collected by myself
1745-1744	Meat (cholester and triglyceride esters)	C=O Stretch	Candoğan et al. 2021
1745	Sorghum (lipid)		Lin 2020
1744	Sesame seed oil		Irnawati et al. 2019
1744	Egg (yolk)		Weiner 2010
1743	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1742	Lipids (triglycerides)	C=O Stretch	Logan and Cummings 2012
1742	Castor Oil		University of Tartu n.d.
1742	Linseed Oil		University of Tartu n.d.
1741	Cucumber (Skin)		Data collected by myself
1741	Turnip Green (Cooked)		Data collected by myself
1741	Turnip Green (Raw)		Data collected by myself
1740	Coffee		Abdalla 2015
1738	Tomato (pulp)		Javadi Doodran 2020
1738	Pine (wood)		Weiner 2010
1737	Lipids (phospholipids)	C=O Stretch	Logan and Cummings 2012
1734	Watermelon (rind)		Lakshmipathy and Sarada 2015
1730-1705	Aromatic esters	C=O Stretch	Logan and Cummings 2012
1730-1715	α,β-unsaturated ester	C=O Stretch	Millipore Sigma 2021
1730	Lactic Acid		Păucean 2017
1729	Okra (mucilage)		Palei et al. 2016
1729	White Lead		University of Tartu n.d.
1728	Meat (ester)	C=O Stretch	Candoğan et al. 2021
1725-1705	Ketones		Cummings et al. 2010
1725-1705	Ketone (aliphatic)	C=O Stretch	Millipore Sigma 2021
1724	Blackberry		Stevanović et al. 2019
1720	Peach Flesh		Data collected by myself
1720-1717	Plum Flesh		Data collected by myself

Peak	Substance	Bond Type	Source
1720-1706	Carboxylic acid	C=O Stretch	Millipore Sigma 2021
1719	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1715-1711	Meat (fatty acid)	C=O Stretch	Candoğan et al. 2021
1714	Tanic Acid		Wahyono et al. 2019
1713-1710	Cherry Flesh		Data collected by myself
1708	Sorghum (phenolic acid)		Lin 2020
1704	Egg (white)		Weiner 2010
1700-1550	Proteins		Logan and Cummings 2012
1695	Persimmon (powdered)		Xie et al. 2016
1690-1640	Imine/oxime	C=N Stretch	Millipore Sigma 2021
1690	Amide (primary)	C=O Stretch	Millipore Sigma 2021
1689	Pine (Resin)		Vahur et al. 2001
1685-1666	Ketone (conjugated)	C=O Stretch	Millipore Sigma 2021
1680-1600	Pectin		Cummings et al. 2010
1680	Amide (secondary)	C=O Stretch	Millipore Sigma 2021
1680	Amide (tertiary)	C=O Stretch	Millipore Sigma 2021
1678-1688	Alkene (disubstituted, trans)	C=C Stretch	Millipore Sigma 2021
1677	Urea		Weiner 2010
1675-1665	Alkene (trisubstituted/tetrasubstituted)	C=C Stretch	Millipore Sigma 2021
1674	Meat (lipid)	C=C Stretch	Candoğan et al. 2021
1674	Peach Flesh		Data collected by myself
1672	Uric Acid		Weiner 2010
1662-1652	Corn Coffee (Raw)		Data collected by myself
1662-1626	Alkene (disubstituted, cis)	C=C Stretch	Millipore Sigma 2021
1660	Chitin	C-O Stretch	Cummings and Kovácik 2018
1660-1655	Proteins (nucleic acids)		Logan and Cummings 2012
1659	Meat (lipid)	C=C Stretch	Candoğan et al. 2021
1659	Chitin	C-O Stretch	Cummings and Kovácik 2018
1658	Tea Bohea (Raw)		Data collected by myself
1658-1655	Tea Bohea (Steeped)		Data collected by myself
1658-1655	Tea Congou (Raw)		Data collected by myself
1658-1655	Tea Singlo (Steeped)		Data collected by myself
1658-1655	Tea Souchong (Raw)		Data collected by myself
1658-1649	Tea Souchong (Steeped)		Data collected by myself
1658-1648	Alkene (vinylidene)	C=C Stretch	Millipore Sigma 2021
165-1645	Meat (protein)	C=O Stretch, N-H Bend, C-N Stretch	Candoğan et al. 2021
1655-1643	Cabbage (Cooked)		Data collected by myself
1655-1649	Tea Hyson (Steeped)		Data collected by myself
1655-1646	Turnip Green (Cooked)		Data collected by myself
1655-1652	Turnip Green (Raw)		Data collected by myself
1655	Castor Oil		University of Tartu n.d.

Peak	Substance	Bond Type	Source
1655	Linseed Oil		University of Tartu n.d.
1654	Sesame seed oil		Irnawati et al. 2019
1654	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1653	Amide	80% C=O Stretch, 10% C-N Stretch, 10% N-H Bend	Cummings and Logan 2012
1652-1643	Corn Coffee (Steeped)		Data collected by myself
1652-1649	Cornmeal (Raw)		Data collected by myself
1652-1646	Tea Congou (Steeped)		Data collected by myself
1651	Egg (yolk)		Weiner 2010
1651	Sorghum (protein)		Lin 2020
1650	Asparagine	C=O Stretch	Cummings and Logan 2012
1650	Absorbed water	H-O-H Stretch	Cummings and Logan 2012
1650	Sorghum (Fiber)		Husnil et al. 2019
1650	Proteins (asparagine)	C=O Stretch	Logan and Cummings 2012
1650-1600	Alkene	C=C Stretch	Millipore Sigma 2021
1650-1566	Alkene	C=C Stretch	Millipore Sigma 2021
1650	δ-lactam	C=O Stretch	Millipore Sigma 2021
1650-1580	Amine	N-H Bending	Millipore Sigma 2021
1649-1643	Tea Hyson (Raw)		Data collected by myself
1648	Startch (sweet potato)		Babu 2015
1648-1638	Alkene (monosubstituted)	C=C Stretch	Millipore Sigma 2021
1647	Starch (corn)	C-O Bending	Abdullah et al. 2018
1646	Starch (Cassava)	C-O Bending	Abdullah et al. 2018
1645	Starch (potato)	C-O Bending	Abdullah et al. 2018
1645	Starch (General)		Weiner 2010
1644	Okra (mucilage)		Palei et al. 2016
1643	Starch (chickpea)		Bitik et al. 2019
1643-1640	Cornmeal (Cooked)		Data collected by myself
1640	Onion		Ferry et al. 2013
1640-1610	Lysine (amino acid)	NH3+ Bending	Logan and Cummings 2012
1637	Starch (General)	C-O Bending	Abdullah et al. 2018
1637-1631	Tea Singlo (Raw)		Data collected by myself
1637-1631	Turnip (Cooked)		Data collected by myself
1636	Apple (pectin)		Joel et al. 2018
1634-1628	Cherry Flesh		Data collected by myself
1634-1628	Turnip Green (Raw)		Data collected by myself
1634	Egg (white)		Weiner 2010
1633	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1633	Watermelon (rind)		Lakshmipathy and Sarada 2015
1631	Alum		Cameo 2019
1631-1628	Cabbage (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
1630	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1630	Turnip		Ding et al. 2020
1630	Pine (wood)		Weiner 2010
1626	Chitin	C=H Stretch	Cummings and Kovácik 2018
1626	Urea		Weiner 2010
1620	Calcium oxalate		Cummings and Logan 2012
1620-1610	α,β-unsaturated ketone	C=C Stretch	Millipore Sigma 2021
1619-1616	Peach Flesh		Data collected by myself
1617	Pine (bark)		Weiner 2010
1614	Blackberry		Stevanović et al. 2019
1614	Persimmon (powdered)		Xie et al. 2016
1612	Tomato (pulp)		Javadi Doodran 2020
1605	Tanic Acid		Wahyono et al. 2019
1604	Aromatic ring		Logan and Cummings 2012
1602	Phenylalanine benzene ring vibrations		Cummings and Kovácik 2018
1602	Urea		Weiner 2010
1602	Aromatic ring		Logan and Cummings 2012
1600	Tyrosine benzene ring vibrations		Cummings and Kovácik 2018
1597-1594	Cucumber (Skin)		Data collected by myself
1597-1594	Turnip (Cooked)		Data collected by myself
1594-1593	Turnip Green (Cooked)		Data collected by myself
1591-1588	Squash (Cooked)		Data collected by myself
1590	Ligin		Logan and Cummings 2012
1589	Uric Acid		Weiner 2010
1588-1582	Cucumber (Flesh)		Data collected by myself
1586	Aromatic ring		Logan and Cummings 2012
1580	Pepperine		Aziz et al. 2015
1577	Calcium oleate		Cummings and Logan 2012
1561-1555	Tea Hyson (Raw)		Data collected by myself
1560	Glutamate (amino acid)	CO2 asymetric stretching	Logan and Cummings 2012
1558	Chitin	N-H Bending	Cummings and Kovácik 2018
1558-1551	Tea Singlo (Raw)		Data collected by myself
1558-1555	Tea Souchong (Raw)		Data collected by myself
1556	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1555-1551	Cornmeal (Cooked)		Data collected by myself
1555-1551	Tea Bohea (Raw)		Data collected by myself
1555-1551	Tea Bohea (Steeped)		Data collected by myself
1555-1551	Tea Congou (Raw)		Data collected by myself
1555-1551	Turnip Green (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
1551-1548	Tea Hyson (Steeped)		Data collected by myself
1551	Tea Singlo (Steeped)		Data collected by myself
1551-1548	Tea Souchong (Steeped)		Data collected by myself
1550-1485	Lysine (amino acid)	NH3+ Bending	Logan and Cummings 2012
1548-1545	Tea Congou (Steeped)		Data collected by myself
165-1645	Meat (protein)	N-H Bending, C-N Stretch	Candoğan et al. 2021
1541	Calcium oleate		Cummings and Logan 2012
1541	Egg (yolk)		Weiner 2010
1541	White Lead		University of Tartu n.d.
1538	Egg (white)		Weiner 2010
1538	Sorghum (protein)		Lin 2020
1538	Lactic Acid		Păucean 2017
1534	Persimmon (powdered)		Xie et al. 2016
1528	Tanic Acid		Wahyono et al. 2019
1524-1518	Tea Hyson (Raw)		Data collected by myself
1521-1515	Cabbage (Raw)		Data collected by myself
1521-1515	Corn Coffee (Raw)		Data collected by myself
1521-1515	Squash (Cooked)		Data collected by myself
1521	Tea Singlo (Raw)		Data collected by myself
1518	Cornmeal (Cooked)		Data collected by myself
1518-1515	Turnip Green (Cooked)		Data collected by myself
1518	Turnip Green (Raw)		Data collected by myself
1515	Squash (Raw)		Data collected by myself
1515	Pine (bark)		Weiner 2010
1514	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1510	Ligin		Logan and Cummings 2012
1509	Pine (wood)		Weiner 2010
1503-1500	Tea Singlo (Raw)		Data collected by myself
1503-1500	Tea Souchong (Raw)		Data collected by myself
1500-1400	Protein		Logan and Cummings 2012
1497	Aromatic ring		Logan and Cummings 2012
1490	Tea Bohea (Raw)		Data collected by myself
1490-1487	Tea Congou (Raw)		Data collected by myself
1491-1484	Tea Congou (Steeped)		Data collected by myself
1490-1487	Tea Singlo (Steeped)		Data collected by myself
1490-1487	Tea Souchong (Steeped)		Data collected by myself
1490-1350	Protein		Logan and Cummings 2012
1489	Pepperine		Aziz et al. 2015
1487	Tea Bohea (Steeped)		Data collected by myself
1487	Tea Hyson (Steeped)		Data collected by myself

Peak	Substance	Bond Type	Source
1482	Uric Acid		Weiner 2010
1475	Sucrose		University of Tartu n.d.
1466-1462	Meat (lipid)	CH2 Bending	Candoğan et al. 2021
1466	Tea Bohea (Raw)		Data collected by myself
1465	Alanine (amino acid)	CH2 Bending	Logan and Cummings 2012
1465-1455	Proteins/lipids		Logan and Cummings 2012
1465	Alkane (methylene group)	C-H Bending	Millipore Sigma 2021
1465	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1464	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1464	Egg (yolk)		Weiner 2010
1464	Starch (General)		Weiner 2010
1461	Urea		Weiner 2010
1461	Linseed Oil		University of Tartu n.d.
1460	Sesame seed oil		Irnawati et al. 2019
1459	Sucrose		University of Tartu n.d.
1458	Starch (General)	CH2 Symetric Deformation	Abdullah et al. 2018
1458	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1458	Castor Oil		University of Tartu n.d.
1456-1455	Meat (protein, lipids)	C-O-H Bending	Candoğan et al. 2021
1456	Pine (Resin)		Vahur et al. 2001
1453	Aromatic ring mode		Cummings et al. 2010
1452	Tomato (pulp)		Javadi Doodran 2020
1452	Lactic Acid		Păucean 2017
1451	Turnip (Cooked)		Data collected by myself
1451-1380	Sulfate	S=O Stretch	Millipore Sigma 2021
1450	Valine	CH3 Asymmetic Bending	Cummings and Kovácik 2018
1450	Phenylalanine benzene ring vibrations		Cummings and Kovácik 2018
1450	Tyrosine benzene ring vibrations		Cummings and Kovácik 2018
1450	Pine (wood)		Weiner 2010
1450	Alkane (methyl group)	C-H Bending	Millipore Sigma 2021
1448	Persimmon (powdered)		Xie et al. 2016
1446	Apple (pectin)		Joel et al. 2018
1446	Blackberry		Stevanović et al. 2019
1444	Egg (white)		Weiner 2010
1443	Tanic Acid		Wahyono et al. 2019
1440-1395	Carboxylic acid	O-H Bending	Millipore Sigma 2021
1438	Pine (bark)		Weiner 2010
1437	Starch (corn/cassava/potato)	CH2 Symetric Deformation	Abdullah et al. 2018
1435	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1435-1429	Tea Bohea (Steeped)		Data collected by myself
1435-1429	Tea Singlo (Steeped)		Data collected by myself

Peak	Substance	Bond Type	Source
1435-1429	Tea Souchong (Steeped)		Data collected by myself
1434	Pepperine		Aziz et al. 2015
1434	Uric Acid		Weiner 2010
1432	Tea Hyson (Steeped)		Data collected by myself
1429-1426	Tea Congou (Steeped)		Data collected by myself
1429-1417	Tea Souchong (Raw)		Data collected by myself
1429	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1427	Sucrose		University of Tartu n.d.
1424	Starch (General)		Weiner 2010
1423-1414	Corn Coffee (Steeped)		Data collected by myself
1423-1411	Cornmeal (Cooked)		Data collected by myself
1423	Watermelon (rind)		Lakshmipathy and Sarada 2015
1420-1418	Meat (lipid)	C=H Rocking	Candoğan et al. 2021
1420	CaCO3		Cummings and Logan 2012
1420-1411	Cherry Flesh		Data collected by myself
1420-1414	Corn Coffee (Raw)		Data collected by myself
1420-1414	Cornmeal (Raw)		Data collected by myself
1420-1414	Turnip Green (Raw)		Data collected by myself
1420	Sorghum (Fiber)		Husnil et al. 2019
1420-1330	Alcohol	O-H Bending	Millipore Sigma 2021
1419	Starch (potato)	CH2 Symmetric Scissoring	Abdullah et al. 2018
1417	Starch (Cassava)	CH2 Symmetric Scissoring	Abdullah et al. 2018
1417	Cabbage (Cooked)		Data collected by myself
1417-1414	Peach Flesh		Data collected by myself
1417-141	Squash (Raw)		Data collected by myself
1417-1411	Tea Bohea (Raw)		Data collected by myself
1417-1414	Tea Hyson (Raw)		Data collected by myself
1417-1414	Tea Singlo (Raw)		Data collected by myself
1417-1414	Turnip (Cooked)		Data collected by myself
1417	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1417	Linseed Oil		University of Tartu n.d.
1416	Okra (mucilage)		Palei et al. 2016
1416	Castor Oil		University of Tartu n.d.
1415	Starch (corn)	CH2 Symmetric Scissoring	Abdullah et al. 2018
1415	Starch (General)	CH2 Symmetric Scissoring	Abdullah et al. 2018
1415	Glutamate (amino acid)	CO2 symetric stretching	Logan and Cummings 2012
1414	Cabbage (Raw)		Data collected by myself
1414-1411	Plum Flesh		Data collected by myself
1414	Tea Congou (Raw)		Data collected by myself
1413-1412	Meat (protein)	C-N Stretch	Candoğan et al. 2021
1412	CaCO3		Cummings and Logan 2012

Peak	Substance	Bond Type	Source
1412	Egg (yolk)		Weiner 2010
1411-1405	Cucumber (Flesh)		Data collected by myself
1411-1405	Tea Souchong (Raw)		Data collected by myself
1410	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1408-1405	Cucumber (Skin)		Data collected by myself
1409-1405	Tea Souchong (Steeped)		Data collected by myself
1408	Lactic Acid		Păucean 2017
1405-1402	Squash (Cooked)		Data collected by myself
1405	Tea Bohea (Steeped)		Data collected by myself
1405-1402	Tea Congou (Steeped)		Data collected by myself
1405-1402	Tea Hyson (Steeped)		Data collected by myself
1405-1402	Tea Singlo (Steeped)		Data collected by myself
1405	Uric Acid		Weiner 2010
1398	Red Lead		University of Tartu n.d.
1397	White Lead		University of Tartu n.d.
1396	Cabbage		Kamar et al. 2016
1396	Egg (white)		Weiner 2010
1394		C+C54:C57	Logan and Cummings 2012
1392-1390	Meat (fatty acid)	COO Symetric Stretch	Candoğan et al. 2021
1390	Onion		Ferry et al. 2013
1390-1310	Phenol	O-H Bending	Millipore Sigma 2021
1386		CH3 Umbrella Mode	Logan and Cummings 2012
1385-1375	Starch (General)	C-H Symmetric Bending	Abdullah et al. 2018
1385		CH3 Umbrella Mode	Logan and Cummings 2012
1385-1380	Alkane (gem dimethyl)	C-H Bending	Millipore Sigma 2021
1384	Potassium Nitrate		Weiner 2010
1384		Split CH3 Umbrella Mode (1:1 intensity)	Logan and Cummings 2012
1383	Watermelon (rind)		Lakshmipathy and Sarada 2015
1383	Pine (Resin)		Vahur et al. 2001
1381	Starch (corn/cassava/potato)	C-H Symmetric Bending	Abdullah et al. 2018
1381		CH3 Umbrella Mode	Logan and Cummings 2012
1380		CH3 Umbrella Mode	Logan and Cummings 2012
1379		CH3 Umbrella Mode	Logan and Cummings 2012
1379		Split CH3 Umbrella Mode (1:2 intensity)	Logan and Cummings 2012
1378	Egg (yolk)		Weiner 2010
1377-1375	Meat (lipid)	CH3 Bending	Candoğan et al. 2021
1377	Fats, oils, lipids, humates	CH3 symetric bend	Logan and Cummings 2012
1377	Lactic Acid		Păucean 2017
1377	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011

Peak	Substance	Bond Type	Source
1377	Castor Oil		University of Tartu n.d.
1376	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1376	Turnip		Ding et al. 2020
1376	Sesame seed oil		Irnawati et al. 2019
1376	Pine (wood)		Weiner 2010
1376	Linseed Oil		University of Tartu n.d.
1375	Leucine (amino acid)	CH3 symetric bending	Logan and Cummings 2012
1375		CH3 Umbrella Mode	Logan and Cummings 2012
1372-1335	Sulfonate	S=O Stretch	Millipore Sigma 2021
1371	Coffee		Abdalla 2015
1371-1365	Tea Hyson (Raw)		Data collected by myself
1371-1365	Tea Singlo (Raw)		Data collected by myself
1371	Onion		Ferry et al. 2013
1370-1335	Sulfonamide	S=O Stretch	Millipore Sigma 2021
1368	Corn Coffee (Steeped)		Data collected by myself
1368-1365	Cornmeal (Cooked)		Data collected by myself
1368-1365	Tea Congou (Raw)		Data collected by myself
1368	Starch (General)		Weiner 2010
1366		Split CH3 Umbrella Mode (1:2 intensity)	Logan and Cummings 2012
1365-1362	Tea Bohea (Raw)		Data collected by myself
1365-1356	Tea Bohea (Steeped)		Data collected by myself
1365-1362	Tea Souchong (Raw)		Data collected by myself
1365-1362	Tea Souchong (Steeped)		Data collected by myself
1365	Sucrose		University of Tartu n.d.
1364		Split CH3 Umbrella Mode (1:1 intensity)	Logan and Cummings 2012
1364	White Lead		University of Tartu n.d.
1362-1359	Tea Hyson (Steeped)		Data collected by myself
1362-1356	Tea Singlo (Steeped)		Data collected by myself
1362	Aromatic ring		Logan and Cummings 2012
1362	Pine (Resin)		Vahur et al. 2001
1360	Sorghum (Fiber)		Husnil et al. 2019
1360	Sodium Nitrate		Trivedi et al. 2015
1359-1350	Cherry Flesh		Data collected by myself
1359-1344	Cucumber (Flesh)		Data collected by myself
1359-1356	Tea Congou (Steeped)		Data collected by myself
1356	Cabbage (Raw)		Data collected by myself
1356-1353	Peach Flesh		Data collected by myself
1354	Blackberry		Stevanović et al. 2019
1353-1344	Tea Hyson (Raw)		Data collected by myself
1350-1338	Tea Singlo (Raw)		Data collected by myself
1350-1344	Turnip Green (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
1350-1250	Serine (amino acid)	O-H Bending	Logan and Cummings 2012
1350-1300	Sulfone	S=O Stretch	Millipore Sigma 2021
1350-1342	Sulfonic acid	S=O Stretch	Millipore Sigma 2021
1349	Uric Acid		Weiner 2010
1348	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1345	Persimmon (powdered)		Xie et al. 2016
1344	Plum Flesh		Data collected by myself
1343	Sucrose		University of Tartu n.d.
1342-1266	Amine (aromatic)	C-N Stretch	Millipore Sigma 2021
1341-1338	Cornmeal (Cooked)		Data collected by myself
1341	Cornmeal (Raw)		Data collected by myself
1340	Meat (collagen)	CH2 Side Chain Vibration	Candoğan et al. 2021
1340	Sodium Nitrate		Trivedi et al. 2015
1338-1331	Corn Coffee (Steeped)		Data collected by myself
1336	Starch (chickpea)		Bitik et al. 2019
1336	Starch (General)		Weiner 2010
1330	Onion		Ferry et al. 2013
1328	Tea Bohea (Steeped)		Data collected by myself
1328-1322	Tea Congou (Steeped)		Data collected by myself
1328-1325	Tea Hyson (Steeped)		Data collected by myself
1328-1322	Tea Singlo (Steeped)		Data collected by myself
1328-1325	Tea Souchong (Steeped)		Data collected by myself
1323	Watermelon (rind)		Lakshmipathy and Sarada 2015
1323	Sucrose		University of Tartu n.d.
1322	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1318	Tanic Acid		Wahyono et al. 2019
1317	Tomato (pulp)		Javadi Doodran 2020
1317	Pine (bark)		Weiner 2010
1315	Calcium oxalate		Cummings and Logan 2012
1314-1205	Meat (protein)	C-N Strech, N-H Bend, O=C=N Bend	Candoğan et al. 2021
1314	Egg (white)		Weiner 2010
1310-1250	Aromatic ester	C-O Stretch	Millipore Sigma 2021
1304-1302	Turnip Green (Cooked)		Data collected by myself
1304	Uric Acid		Weiner 2010
1301-1298	Cornmeal (Cooked)		Data collected by myself
1300	Sorghum (Fiber)		Husnil et al. 2019
1298-1295	Tea Hyson (Raw)		Data collected by myself
1295-1292	Tea Souchong (Raw)		Data collected by myself
1292-1283	Tea Bohea (Raw)		Data collected by myself
1292-1289	Tea Bohea (Steeped)		Data collected by myself
1292-1286	Tea Congou (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
1292	Tea Singlo (Raw)		Data collected by myself
1289-1286	Tea Congou (Steeped)		Data collected by myself
1289-1283	Tea Hyson (Steeped)		Data collected by myself
1289-1286	Tea Souchong (Steeped)		Data collected by myself
1286-1283	Tea Singlo (Steeped)		Data collected by myself
1286-1283	Turnip Green (Raw)		Data collected by myself
1279	Sucrose		University of Tartu n.d.
1278	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1274	Pine (Resin)		Vahur et al. 2001
1265	Meat (nucleic acids, phospholipids)	PO2 Asymmetric Stretch	Candoğan et al. 2021
1264	Cabbage (Raw)		Data collected by myself
1264-1258	Squash (Cooked)		Data collected by myself
1261-1255	Cherry Flesh		Data collected by myself
1261-1255	Cucumber (Flesh)		Data collected by myself
1260	Pectin		Cummings et al. 2010
1255	Pine (wood)		Weiner 2010
1253	Okra (mucilage)		Palei et al. 2016
1250	Pepperine		Aziz et al. 2015
1250-1020	Amine	C-N Stretch	Millipore Sigma 2021
1246-1238	Meat (nucleic acids, phospholipids, phophorylated protein)	PO2 Asymmetric Stretch	Candoğan et al. 2021
1246	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1243	Amide	C-N Stretch	Cummings and Logan 2012
1243	Cornmeal (Cooked)		Data collected by myself
1243-1240	Tea Bohea (Steeped)		Data collected by myself
1243-1237	Tea Congou (Raw)		Data collected by myself
1242-1237	Tea Hyson (Raw)		Data collected by myself
1243-1240	Tea Souchong (Raw)		Data collected by myself
1243	Watermelon (rind)		Lakshmipathy and Sarada 2015
1240	Coffee		Abdalla 2015
1240-1234	Tea Congou (Steeped)		Data collected by myself
1240-1234	Tea Hyson (Steeped)		Data collected by myself
1240-1234	Tea Souchong (Steeped)		Data collected by myself
1240	Starch (General)		Weiner 2010
1240	Castor Oil		University of Tartu n.d.
1238	Aromatic ester	C-O Stretch	Cummings and Logan 2012
1237-1234	Squash (Cooked)		Data collected by myself
1237	Tea Singlo (Raw)		Data collected by myself
1237	Tea Singlo (Steeped)		Data collected by myself
1237	Sesame seed oil		Irnawati et al. 2019
1237	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1237	Linseed Oil		University of Tartu n.d.

Peak	Substance	Bond Type	Source
1236-1232	Meat (ester of lipids)	C-O Stretch	Candoğan et al. 2021
1236	Persimmon (powdered)		Xie et al. 2016
1234	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1234-1231	Plum Flesh		Data collected by myself
1234	Egg (white)		Weiner 2010
1234	Egg (yolk)		Weiner 2010
1234	Pine (Resin)		Vahur et al. 2001
1227-1224	Turnip Green (Raw)		Data collected by myself
1222-1220	Meat (nucleic acids, phospholipids)	PO2 Asymmetric Stretch	Candoğan et al. 2021
1211	Lactic Acid		Păucean 2017
1210-1163	Ester	C-O Stretch	Millipore Sigma 2021
1208	Sucrose		University of Tartu n.d.
1206	Corn Coffee (Steeped)		Data collected by myself
1206	Cornmeal (Raw)		Data collected by myself
1205-1124	Alcohol (tertiary)	C-O Stretch	Millipore Sigma 2021
1205	Tanic Acid		Wahyono et al. 2019
1203-1200	Cornmeal (Cooked)		Data collected by myself
1203	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1202	Tertiary alcohol	C-O Stretch	Cummings and Logan 2012
1200-800	Starch (General)	C-O Stretch	Abdullah et al. 2018
1197-1191	Tea Hyson (Raw)		Data collected by myself
1196-1195	Meat (lipid)	C-O Stretch	Candoğan et al. 2021
1194	Plum Flesh		Data collected by myself
1194-1191	Tea Congou (Raw)		Data collected by myself
1194	Tea Singlo (Raw)		Data collected by myself
1191	Cherry Flesh		Data collected by myself
1191	Tea Congou (Steeped)		Data collected by myself
1191	Tea Souchong (Raw)		Data collected by myself
1188-1185	Tea Hyson (Steeped)		Data collected by myself
1188	Saturated ester	C-C-O	Puseman et al. 2012
1185	Tea Souchong (Steeped)		Data collected by myself
1185	Blackberry		Stevanović et al. 2019
1181	Pine (Resin)		Vahur et al. 2001
1180	Onion		Ferry et al. 2013
1176-1166	Meat (protein, carbohydrates)	CO Stretch	Candoğan et al. 2021
1170	Lipid		Cummings and Logan 2012
1170-1150	Celluclose		Logan and Cummings 2012
1170	Sucrose		University of Tartu n.d.
1163	Egg (yolk)		Weiner 2010
1162	Celluclose		Logan and Cummings 2012
1162	Castor Oil		University of Tartu n.d.

Peak	Substance	Bond Type	Source
1161-1159	Meat (ester of lipids)	C-O Stretch	Candoğan et al. 2021
1161	Arabinoglucuronoxylan + galactoglucomannan		Cummings and Logan 2012
1161	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1160	Sesame seed oil		Irnawati et al. 2019
1160	Watermelon (rind)		Lakshmipathy and Sarada 2015
1160	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1160	Linseed Oil		University of Tartu n.d.
1159	Pine (bark)		Weiner 2010
1157	Starch (corn/cassava/potato)	C-O Stretch	Abdullah et al. 2018
1157	Starch (General)		Weiner 2010
1156	Arabinogalactan (polysaccaride)		Cummings and Logan 2012
1156	Pine (wood)		Weiner 2010
1155	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1155	Starch		Cummings and Kovácik 2018
1154-1148	Cherry Flesh		Data collected by myself
1154-1151	Cornmeal (Cooked)		Data collected by myself
1153	Xyloglucan		Cummings and Kovácik 2018
1152	Pectin		Cummings and Kovácik 2018
1152	Egg (white)		Weiner 2010
1151	Arabinoglucuronoxylan + galactoglucomannan		Cummings and Logan 2012
1151-1148	Corn Coffee (Raw)		Data collected by myself
1151	Corn Coffee (Steeped)		Data collected by myself
1151	Cornmeal (Raw)		Data collected by myself
1151-1148	Tea Congou (Raw)		Data collected by myself
1151-1142	Tea Singlo (Raw)		Data collected by myself
1151-1148	Turnip Green (Raw)		Data collected by myself
1151	Strach (sorghum)		Lin 2020
1151	Okra (mucilage)		Palei et al. 2016
1150	Sorghum (Fiber)		Husnil et al. 2019
1150	Urea		Weiner 2010
1149	Starch (General)	C-O Stretch	Abdullah et al. 2018
1149	Galactoglucomannan		Cummings and Kovácik 2018
1148	Cucumber (Flesh)		Data collected by myself
1148-1145	Tea Hyson (Raw)		Data collected by myself
1145	Starch (chickpea)		Bitik et al. 2019
1144	Pectin		Cummings and Kovácik 2018
1139-1133	Tea Congou (Steeped)		Data collected by myself
1134	Galactan		Cummings and Logan 2012
1132	Pine (Resin)		Vahur et al. 2001

Peak	Substance	Bond Type	Source
1130-1100	Aromatic esters (lipid)		Cummings et al. 2010
1126	Sucrose		University of Tartu n.d.
1124-1087	Alcohol (secondary)	C-O Stretch	Millipore Sigma 2021
1124	Lactic Acid		Păucean 2017
1122	Onion		Ferry et al. 2013
1120	Uric Acid		Weiner 2010
1118	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1118	Sesame seed oil		Irnawati et al. 2019
1118	Xyloglucan		Logan and Cummings 2012
1117-1113	Meat (nucleic acid, fatty acid, ester of lipids)	P-O-C Symmetric Stretch	Candoğan et al. 2021
1117	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1115	Sucrose		University of Tartu n.d.
1111	Egg (yolk)		Weiner 2010
1110	Starch		Cummings et al. 2010
1110-1030	Saturated esters (lipid)		Logan and Cummings 2012
1109	Turnip		Ding et al. 2020
1107	Pine (bark)		Weiner 2010
1105-1102	Cherry Flesh		Data collected by myself
1105-1102	Corn Coffee (Steeped)		Data collected by myself
1105-1102	Cucumber (Flesh)		Data collected by myself
1105	Peach Flesh		Data collected by myself
1105	Apple (pectin)		Joel et al. 2018
1105	Egg (white)		Weiner 2010
1104	Pectin		Cummings and Kovácik 2018
1104	Sucrose		University of Tartu n.d.
1102	Cornmeal (Cooked)		Data collected by myself
1102	Cornmeal (Raw)		Data collected by myself
1102	Persimmon (powdered)		Xie et al. 2016
1100-1030	Saturated esters		Cummings et al. 2010
1100	Sorghum (Fiber)		Husnil et al. 2019
1100	Pectin		Puseman et al. 2012
1098-1082	Meat (nucleic acid, fatty acid, ester of lipids, phospholipids, polysaccharides (glycogen))	PO2 Symmetic Stretch	Candoğan et al. 2021
1098	Watermelon (rind)		Lakshmipathy and Sarada 2015
1098	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1098	Linseed Oil		University of Tartu n.d.
1097	Alum		Cameo 2019
1097	Sesame seed oil		Irnawati et al. 2019
1097	Arabian		Logan and Cummings 2012
1096	Castor Oil		University of Tartu n.d.
1095	Egg (yolk)		Weiner 2010

Peak	Substance	Bond Type	Source
1095	Saturated esters	C-O Stretch	Logan and Cummings 2012
1095	Lactic Acid		Păucean 2017
1094	Saturated esters (lipids)	O-C-C	Cummings and Logan 2012
1092	Glucomannan		Cummings and Logan 2012
1090	Tanic Acid		Wahyono et al. 2019
1085	Starch (General)		Weiner 2010
1085-1050	Alcohol (primary)	C-O Stretch	Millipore Sigma 2021
1084-1081	Corn Coffee (Steeped)		Data collected by myself
1082	Starch (corn/cassava/potato)	C-O Stretch	Abdullah et al. 2018
1082	Starch		Cummings and Logan 2012
1081-1075	Cornmeal (Cooked)		Data collected by myself
1078	Egg (white)		Weiner 2010
1078	Strach (sorghum)		Lin 2020
1075-1069	Tea Congou (Steeped)		Data collected by myself
1074	Arabinogalactan		Logan and Cummings 2012
1072	Galactan		Cummings et al. 2010
1070	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
1070	Arabinan		Cummings and Logan 2012
1070	Arabinoglucuronoxylan + galactoglucomannan		Cummings and Logan 2012
1070	Rhamnogalacturonan		Cummings and Logan 2012
1070-1030	Sulfoxide	S=O Stretch	Millipore Sigma 2021
1068	Linseed Oil		University of Tartu n.d.
1066	Glucomannan + Glucomannan (9:1 w/w)		Cummings and Logan 2012
1065	Sucrose		University of Tartu n.d.
1064	Galactoglucomannan		Cummings and Logan 2012
1064	Glucomannan + Glucomannan (9:1 w/w)		Cummings and Logan 2012
1062	Watermelon (rind)		Lakshmipathy and Sarada 2015
1060	Meat (nucMeat (nucleic acid, polysaccharides (glycogen))	C-O Stretch	Candoğan et al. 2021
1058	Onion		Ferry et al. 2013
1055	Castor Oil		University of Tartu n.d.
1054	Pine (bark)		Weiner 2010
1053-1050	Cucumber (Flesh)		Data collected by myself
1053	Cucumber (Skin)		Data collected by myself
1053-1050	Turnip Green (Raw)		Data collected by myself
1051	Pectin		Cummings and Logan 2012
1050	Celluclose		Logan and Cummings 2012
1049	Sucrose		University of Tartu n.d.
1048	Blackberry		Stevanović et al. 2019

Peak	Substance	Bond Type	Source
1047	Glucuronoxylan (GX)		Cummings and Logan 2012
1045	Starch (General)		Weiner 2010
1045	White Lead		University of Tartu n.d.
1044-1038	Peach Flesh		Data collected by myself
1044	Okra (mucilage)		Palei et al. 2016
1043	Arabinogalactan		Cummings and Logan 2012
1043	Lactic Acid		Păucean 2017
1041-1038	Plum Flesh		Data collected by myself
1041	Glucan		Logan and Cummings 2012
1041	Xyloglucan		Logan and Cummings 2012
1040	Arabinogalactan (polysaccaride)		Cummings and Kovácik 2018
1039	Arabinan		Cummings and Logan 2012
1035-1032	Cucumber (Skin)		Data collected by myself
1035-1032	Tea Hyson (Raw)		Data collected by myself
1035+1032	Tea Singlo (Raw)		Data collected by myself
1035-1032	Turnip Green (Raw)		Data collected by myself
1034	Galactoglucomannan		Logan and Cummings 2012
1033	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
1033	Castor Oil		University of Tartu n.d.
1032-1029	Tea Souchong (Raw)		Data collected by myself
1031	Meat (nucleic acid, lipids)	C-O Stretch	Candoğan et al. 2021
1031	Persimmon (powdered)		Xie et al. 2016
1030	Celluclose		Logan and Cummings 2012
1030	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
1030	Pine (Resin)		Vahur et al. 2001
1029	Coffee		Abdalla 2015
1029-1026	Cherry Flesh		Data collected by myself
1029	Cucumber (Flesh)		Data collected by myself
1029-1026	Squash (Cooked)		Data collected by myself
1029-1026	Tea Bohea (Raw)		Data collected by myself
1029-1026	Tea Congou (Raw)		Data collected by myself
1029-1026	Tea Congou (Steeped)		Data collected by myself
1029-1026	Tea Hyson (Steeped)		Data collected by myself
1028	Ester (Lipid)	O-C-C Stretch	Cummings and Logan 2012
1028	Cabbage		Kamar et al. 2016
1028-1000	Celluclose carbohydrates		Logan and Cummings 2012
1027	Tomato (pulp)		Javadi Doodran 2020
1026	Starch		Cummings and Logan 2012
1026-1020	Cabbage (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
1026-1023	Tea Souchong (Steeped)		Data collected by myself
1026	Glucan		Logan and Cummings 2012
1025	Egg (white)		Weiner 2010
1025	Linseed Oil		University of Tartu n.d.
1024	Uric Acid		Weiner 2010
1023	Tanic Acid		Wahyono et al. 2019
1022	Pectin		Cummings and Logan 2012
1020	Pine (wood)		Weiner 2010
1019	Primary alcohol	CH2-O Stretch	Cummings and Logan 2012
1019	Starch (General)		Weiner 2010
1019	Strach (sorghum)		Lin 2020
1018	Starch (Cassava)	C-O Stretch	Abdullah et al. 2018
1017	Pectin		Cummings and Kovácik 2018
1017-1014	Corn Coffee (Steeped)		Data collected by myself
1017	Cornmeal (Cooked)		Data collected by myself
1016	Starch (corn)	C-O Stretch	Abdullah et al. 2018
1016	Apple (pectin)		Joel et al. 2018
1014	Pine (bark)		Weiner 2010
1010-1001	Turnip (Cooked)		Data collected by myself
1003	Urea		Weiner 2010
1000	Starch (chickpea)		Bitik et al. 2019
998	Onion		Ferry et al. 2013
996	Sesame seed oil		Irnawati et al. 2019
995	Pepperine		Aziz et al. 2015
995	Corn Coffee (Raw)		Data collected by myself
995-992	Cornmeal (Cooked)		Data collected by myself
995-989	Cornmeal (Raw)		Data collected by myself
995-985	Alkene (monosubstituted)	C=C Bending	Millipore Sigma 2021
993	Starch (potato)	C-O Stretch	Abdullah et al. 2018
993	Alkene	C-H Bend (out-of-plane)	Cummings and Logan 2012
992-986	Cabbage (Raw)		Data collected by myself
992	Cucumber (Skin)		Data collected by myself
992-989	Plum Flesh		Data collected by myself
992-986	Tea Singlo (Raw)		Data collected by myself
992	Starch (General)		Weiner 2010
992	Uric Acid		Weiner 2010
989	Peach Flesh		Data collected by myself
989-980	Squash (Cooked)		Data collected by myself
989-986	Tea Hyson (Raw)		Data collected by myself
989	Turnip Green (Cooked)		Data collected by myself
988	Sucrose		University of Tartu n.d.

Peak	Substance	Bond Type	Source
986-980	Cucumber (Flesh)		Data collected by myself
986-977	Cucumber (Skin)		Data collected by myself
986-980	Turnip (Cooked)		Data collected by myself
986	Turnip Green (Raw)		Data collected by myself
985	Arabinogalactan		Cummings and Logan 2012
985	Glucuronoxylan (GX)		Cummings and Logan 2012
980-960	Alkene (disubstituted trans)	C=C Bending	Millipore Sigma 2021
977-968	Tea Congou (Steeped)		Data collected by myself
977	Tea Souchong (Raw)		Data collected by myself
974	Tea Hyson (Steeped)		Data collected by myself
974-968	Tea Souchong (Steeped)		Data collected by myself
972	Pectin		Cummings and Logan 2012
971	Tea Congou (Raw)		Data collected by myself
970	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
969	C-C-C Stretch		Logan and Cummings 2012
968-959	Squash (Raw)		Data collected by myself
968-965	Tea Bohea (Raw)		Data collected by myself
967	Castor Oil		University of Tartu n.d.
967	Linseed Oil		University of Tartu n.d.
966	Egg (yolk)		Weiner 2010
962	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
960	Galactoglucomannan		Logan and Cummings 2012
955	Pectin		Cummings et al. 2010
955	Corn Coffee (Steeped)		Data collected by myself
953	Pectin		Logan and Cummings 2012
951	Rhamnogalacturonan		Logan and Cummings 2012
951	Tanic Acid		Wahyono et al. 2019
950-900	Startch (glycosdic link, sweet potato)		Babu 2015
949	Pine (Resin)		Vahur et al. 2001
945	Xyloglucan		Cummings and Logan 2012
942	Sucrose		University of Tartu n.d.
941	Glucomannan		Logan and Cummings 2012
937	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
934	Galactoglucomannan		Cummings and Logan 2012
934-922	Corn Coffee (Steeped)		Data collected by myself
931	Starch		Cummings and Logan 2012
931-919	Cornmeal (Raw)		Data collected by myself
931	Tea Singlo (Raw)		Data collected by myself
931	Starch (General)		Weiner 2010

Peak	Substance	Bond Type	Source
929	Starch (corn/cassava/potato)	C-O-C Ring Vibration	Abdullah et al. 2018
928-925	Tea Congou (Steeped)		Data collected by myself
925-919	Cucumber (Flesh)		Data collected by myself
925-919	Peach Flesh		Data collected by myself
923	Alum		Cameo 2019
922	Plum Flesh		Data collected by myself
920	Starch (General)	C-O-C Ring Vibration	Abdullah et al. 2018
920	Lactic Acid		Păucean 2017
919-916	Cherry Flesh		Data collected by myself
917	Persimmon (powdered)		Xie et al. 2016
916	Rhamnogalacturonan		Logan and Cummings 2012
915	a-D glucose		Cummings and Kovácik 2018
915	B-D-glucose		Cummings and Kovácik 2018
914	Egg (yolk)		Weiner 2010
914	Linseed Oil		University of Tartu n.d.
910	Alkene	C-H Bend (out-of-plane)	Cummings and Logan 2012
910	B-D-sucrose		Cummings and Logan 2012
908	Sucrose		University of Tartu n.d.
900	B-D-glucose		Cummings and Kovácik 2018
900	Sorghum (Fiber)		Husnil et al. 2019
895	Arabinan		Cummings and Logan 2012
895	Okra (mucilage)		Palei et al. 2016
894	Watermelon (rind)		Lakshmipathy and Sarada 2015
892	Arabinogalactan (polysaccaride)		Cummings and Logan 2012
891	Pectin		Cummings and Kovácik 2018
891	White Lead		University of Tartu n.d.
889		C-CH2-O Symetric Stretch	Cummings and Logan 2012
885-870	Tea Singlo (Raw)		Data collected by myself
879	Arabinogalactan type II (polysaccaride)		Cummings and Logan 2012
876-870	Cucumber (Flesh)		Data collected by myself
876-873	Tea Hyson (Raw)		Data collected by myself
875	Ceramic		Weiner 2010
875	Pine (bark)		Weiner 2010
874	Polysaccahrides		Cummings et al. 2010
874	Egg (yolk)		Weiner 2010
873	Coffee		Abdalla 2015
873	CaCO3		Cummings and Logan 2012
873-870	Cherry Flesh		Data collected by myself
873-864	Tea Congou (Steeped)		Data collected by myself

Peak	Substance	Bond Type	Source
872	Arabinogalactan+Glucomannan (9:1, w/w)		Cummings et al. 2010
872	CaCO2		Cummings et al. 2010
872	Galactoglucomannan		Cummings et al. 2010
872	Glucomannan		Cummings et al. 2010
872	Uric Acid		Weiner 2010
870-867	Plum Flesh		Data collected by myself
869	B-D-sucrose		Cummings and Logan 2012
868	Arabinogalactan (polysaccaride)		Cummings and Logan 2012
866	Sucrose		University of Tartu n.d.
866	Persimmon (powdered)		Xie et al. 2016
865	Linseed Oil		University of Tartu n.d.
865	Tanic Acid		Wahyono et al. 2019
864	Lactic Acid		Păucean 2017
862	Starch (General)		Weiner 2010
861-855	Cornmeal (Cooked)		Data collected by myself
861-858	Cornmeal (Raw)		Data collected by myself
860	Starch (corn/cassava)	C-O-C Ring Vibration	Abdullah et al. 2018
858	Starch (potato)	C-O-C Ring Vibration	Abdullah et al. 2018
858	Castor Oil		University of Tartu n.d.
857	Pectin		Cummings and Kovácik 2018
856	Starch (General)	C-O-C Ring Vibration	Abdullah et al. 2018
853	White Lead		University of Tartu n.d.
850	Starch		Cummings and Kovácik 2018
850	B-D-sucrose		Cummings and Logan 2012
850	Sesame seed oil		Irnawati et al. 2019
849	Sucrose		University of Tartu n.d.
846	Pepperine		Aziz et al. 2015
840	a-D glucose		Cummings and Kovácik 2018
840-790	Alkene (trisubstituted)	C=C Bending	Millipore Sigma 2021
837	Arabinogalactorhamnoglycan		Cummings et al. 2010
835	Pectin		Cummings et al. 2010
835	Sodium Nitrate		Trivedi et al. 2015
834	Pectin		Cummings et al. 2010
833	White Lead		University of Tartu n.d.
830		C-C-O Symmetric Stretch	Cummings and Logan 2012
827	Potassium Nitrate		Weiner 2010
824	Tea Singlo (Raw)		Data collected by myself
823	Rhamnogalacturonan		Logan and Cummings 2012
823	Lactic Acid		Păucean 2017
821-818	Cucumber (Flesh)		Data collected by myself

Peak	Substance	Bond Type	Source
821-815	Cucumber (Skin)		Data collected by myself
821-818	Squash (Cooked)		Data collected by myself
821-818	Squash (Raw)		Data collected by myself
821-818	Turnip (Cooked)		Data collected by myself
821	Turnip Green (Raw)		Data collected by myself
821	Pine (Resin)		Vahur et al. 2001
818-815	Cabbage (Raw)		Data collected by myself
818	Cherry Flesh		Data collected by myself
818	Persimmon (powdered)		Xie et al. 2016
810	Arabinogalactor-hamnoglycan		Cummings and Logan 2012
804	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
803	Tea Congou (Steeped)		Data collected by myself
798	Linseed Oil		University of Tartu n.d.
795	Ceramic		Weiner 2010
790	Urea		Weiner 2010
782	Pine (bark)		Weiner 2010
782	Uric Acid		Weiner 2010
780	Calcium oxalate		Logan and Cummings 2012
778-775	Cherry Flesh		Data collected by myself
778-775	Cucumber (Flesh)		Data collected by myself
777	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
777	Ceramic		Weiner 2010
775-772	Plum Flesh		Data collected by myself
775-772	Turnip Green (Raw)		Data collected by myself
772	Cabbage (Raw)		Data collected by myself
771	Persimmon (powdered)		Xie et al. 2016
767	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
766	Starch (General)		Weiner 2010
763	Starch (corn/cassava/potato)	C-O-C Ring Vibration	Abdullah et al. 2018
763	Aromatic	C-H Bend (out-of-plane)	Logan and Cummings 2012
763	Okra (mucilage)		Palei et al. 2016
762	White Lead		University of Tartu n.d.
760	Phenylalanine benzene ring vibrations		Cummings and Kovácik 2018
760	Aromatic	C-H Bend (out-of-plane)	Logan and Cummings 2012
758	Starch (General)	C-O-C Ring Vibration	Abdullah et al. 2018
756	Tanic Acid		Wahyono et al. 2019
750	Egg (white)		Weiner 2010
750-700	Aromatic esters (lipid)		Logan and Cummings 2012
748-745	Plum Flesh		Data collected by myself
748-745	Tea Bohea (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
748-745	Tea Bohea (Steeped)		Data collected by myself
748	Tea Congou (Raw)		Data collected by myself
748-742	Tea Hyson (Steeped)		Data collected by myself
748-745	Tea Singlo (Raw)		Data collected by myself
748-745	Tea Souchong (Raw)		Data collected by myself
748-745	Tea Souchong (Steeped)		Data collected by myself
747	Uric Acid		Weiner 2010
745-742	Tea Hyson (Raw)		Data collected by myself
745	Tea Singlo (Steeped)		Data collected by myself
745	Aromatic	C-H Bend (out-of-plane)	Logan and Cummings 2012
742	Tea Congou (Steeped)		Data collected by myself
737	Aromatic	C-H Bend (out-of-plane)	Logan and Cummings 2012
736	Aromatic	C-H Bend (out-of-plane)	Logan and Cummings 2012
735-732	Tea Hyson (Raw)		Data collected by myself
732	Sucrose		University of Tartu n.d.
730-665	Alkene (disubstituted cis)	C=C Bending	Millipore Sigma 2021
729-720	Tea Souchong (Raw)		Data collected by myself
726-723	Corn Coffee (Raw)		Data collected by myself
724	Castor Oil		University of Tartu n.d.
723	Tea Singlo (Raw)		Data collected by myself
722	Squash (Cooked)		Data collected by myself
722	Methylene	CH2 Rock	Logan and Cummings 2012
721	Meat (lipid)	CH2 Rocking, C=H bending	Candoğan et al. 2021
721	Sesame seed oil		Irnawati et al. 2019
721	Methylene	CH2 Rock	Logan and Cummings 2012
721	Animal Fat (pork, beef, chicken, mutton)		Rohman and Man 2011
721	Linseed Oil		University of Tartu n.d.
720-717	Tea Hyson (Raw)		Data collected by myself
720	Methylene	CH2 Rock	Logan and Cummings 2012
719	Methylene	CH2 Rock	Logan and Cummings 2012
718	Alkene	C-H Bend (out-of-plane)	Cummings and Logan 2012
717	Egg (yolk)		Weiner 2010
714-711	Cucumber (Flesh)		Data collected by myself
712	CaCO3		Cummings and Logan 2012
712	Ceramic		Weiner 2010
711-708	Cornmeal (Cooked)		Data collected by myself
710	Starch (General)		Weiner 2010
705	Uric Acid		Weiner 2010
703	Egg (white)		Weiner 2010

Peak	Substance	Bond Type	Source
700	Phenylalanine benzene ring vibrations		Cummings and Kovácik 2018
699	Aromatic Ring		Logan and Cummings 2012
699	Okra (mucilage)		Palei et al. 2016
698	Aromatic Ring		Logan and Cummings 2012
697	Aromatic Ring		Logan and Cummings 2012
694	Alum		Cameo 2019
693	Ceramic		Weiner 2010
692	Aromatic Ring (phenyl ether)		Logan and Cummings 2012
691	White Lead		University of Tartu n.d.
690-515	Halo compound	C-Br Stretch	Millipore Sigma 2021
682	Red Lead		University of Tartu n.d.
680	Sucrose		University of Tartu n.d.
678	White Lead		University of Tartu n.d.
671-668	Tea Singlo (Raw)		Data collected by myself
668	Pine (Resin)		Vahur et al. 2001
660		O-H Bend (out-of-plane)	Logan and Cummings 2012
653	Tea Singlo (Raw)		Data collected by myself
650-644	Tea Congou (Steeped)		Data collected by myself
650	Tea Hyson (Steeped)		Data collected by myself
650-644	Turnip (Cooked)		Data collected by myself
648		O-H Bend (out-of-plane)	Logan and Cummings 2012
647-638	Squash (Cooked)		Data collected by myself
647	Tanic Acid		Wahyono et al. 2019
641-638	Cabbage (Raw)		Data collected by myself
641-632	Cherry Flesh		Data collected by myself
641-632	Cucumber (Flesh)		Data collected by myself
640	Alkene	C-H Bend (out-of-plane)	Cummings and Logan 2012
640	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
640	Sucrose		University of Tartu n.d.
638-632	Plum Flesh		Data collected by myself
638	Okra (mucilage)		Palei et al. 2016
636	Watermelon (rind)		Lakshmipathy and Sarada 2015
635-632	Turnip Green (Raw)		Data collected by myself
626	Ceramic		Weiner 2010
619-616	Tea Bohea (Raw)		Data collected by myself
619-607	Tea Singlo (Steeped)		Data collected by myself
617	Uric Acid		Weiner 2010
616-610	Tea Congou (Raw)		Data collected by myself
616-613	Tea Congou (Steeped)		Data collected by myself
616-610	Tea Hyson (Raw)		Data collected by myself

Peak	Substance	Bond Type	Source
616-610	Tea Singlo (Raw)		Data collected by myself
616-613	Tea Souchong (Raw)		Data collected by myself
613-601	Cornmeal (Cooked)		Data collected by myself
613-610	Tea Hyson (Steeped)		Data collected by myself
613-610	Tea Souchong (Steeped)		Data collected by myself
611	Starch (General)		Weiner 2010
610	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
607	Corn Coffee (Steeped)		Data collected by myself
607	Cornmeal (Raw)		Data collected by myself
600-500	Halo compound	C-I Stretch	Millipore Sigma 2021
599	Blackberry		Stevanović et al. 2019
598-595	Cucumber (Flesh)		Data collected by myself
585	Tanic Acid		Wahyono et al. 2019
584	Castor Oil		University of Tartu n.d.
581	Linseed Oil		University of Tartu n.d.
580	Sucrose		University of Tartu n.d.
574	Urea		Weiner 2010
574	Uric Acid		Weiner 2010
573-570	Corn Coffee (Steeped)		Data collected by myself
573	Cornmeal (Cooked)		Data collected by myself
571	Starch (General)		Weiner 2010
561	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
561	Urea		Weiner 2010
554	Egg (white)		Weiner 2010
549	Sucrose		University of Tartu n.d.
536	Sucrose		University of Tartu n.d.
534	Okra (mucilage)		Palei et al. 2016
529	Starch (General)		Weiner 2010
524	Chili Pepper (capsaicin)		El-Kaaby et al. 2016
522	Chili Pepper (Capsicum annum., seeds)		Barua et al. 2008
521	Uric Acid		Weiner 2010
521	Red Lead		University of Tartu n.d.
521	Sucrose		University of Tartu n.d.

Table 5: Substances Analyzed for Inclusion to Reference Library

This table contains the sample register for the samples taken from substances I analyzed so they could be included in the reference library. Cooked samples refer to substance that were boiled in 50ml of distilled water for 10 minutes before being tested. Steeped samples are from substance that were boiled in distilled water for five minutes and allowed to cool before 0.2ml of the liquid was analyzed. The "Amount" column included the amount of the substance (in grams) used in this research. For most sample this was the amount of material included in the glass vial along with the extraction solution. The exception to this are the steeped samples, where the "amount" column indicates the amount of the tealeaves or parched cornmeal placed into the distilled water to be boiled. Bohea, souchong, and congou are black teas, while hyson and singlo are green teas.

Sample	Substance	Amount (g)
RL001	Turnip Root - Raw	0.335
RL002	Turnip Root - Cooked	0.3712
RL003	Turnip Green - Raw	0.1171
RL004	Turnip Green - Cooked	0.6203
RL005	Cucumber Skin - Raw	0.1276
RL006	Cucumber Flesh - Raw	0.3256
RL007	Squash - Raw	0.322
RL008	Squash - Cooked	0.2758
RL009	Peach Flesh - Raw	0.0669
RL010	Plum Flesh - Raw	0.0339
RL011	Corn Meal - Raw	0.0592
RL012	Corn Meal - Cooked	0.6797
RL013	Corn Coffee - Raw	0.0516
RL014	Corn Coffee - Steeped	1.1335
RL015	Tea Bohea - Raw	0.0571
RL016	Tea Bohea - Steeped	1.6284
RL017	Tea Souchong - Raw	0.0338
RL018	Tea Souchong - Steeped	1.7896
RL019	Tea Hyson - Raw	0.0374
RL020	Tea Hyson - Steeped	1.2277
RL021	Tea Singlo - Raw	0.0815
RL022	Tea Singlo - Steeped	1.8082
RL023	Tea Congou - Raw	0.0513
RL024	Tea Congou - Steeped	1.8285
RL025	Cherry Flesh - Raw	0.0367
RL026	Cabbage - Raw	0.0758
RL027	Cabbage - Cooked	0.161

Table 6: Data from Reference Library Acquired for this Project

This table contains the full FTIR dataset from the foods and beverages I analyzed myself so they could be included in the reference library (Table 3). All data acquired using methods laid out in Chapter 8. Peaks listd as "discard" in the "Discard" column were removed from the analysis for being from the commonly occurring peaks identified in the analysis of the imported and locally-made ceramics (Table 2, Appendix G, Table 4).

Substance	Sample	Run	Peak	Discard
Turnip Root - Raw	RL001	RL001-1	3358	Discard
Turnip Root - Raw	RL001	RL001-1	2954	Discard
Turnip Root - Raw	RL001	RL001-1	2927	Discard
Turnip Root - Raw	RL001	RL001-1	2872	Discard
Turnip Root - Raw	RL001	RL001-1	2857	Discard
Turnip Root - Raw	RL001	RL001-1	1729	Discard
Turnip Root - Raw	RL001	RL001-1	1707	
Turnip Root - Raw	RL001	RL001-1	1597	
Turnip Root - Raw	RL001	RL001-1	1460	Discard
Turnip Root - Raw	RL001	RL001-1	1380	Discard
Turnip Root - Raw	RL001	RL001-1	910	Discard
Turnip Root - Raw	RL001	RL001-1	769	Discard
Turnip Root - Raw	RL001	RL001-1	696	Discard
Turnip Root - Raw	RL001	RL001-2	3333	Discard
Turnip Root - Raw	RL001	RL001-2	2951	Discard
Turnip Root - Raw	RL001	RL001-2	2927	Discard
Turnip Root - Raw	RL001	RL001-2	2872	Discard
Turnip Root - Raw	RL001	RL001-2	2857	Discard
Turnip Root - Raw	RL001	RL001-2	1732	Discard
Turnip Root - Raw	RL001	RL001-2	1701	Discard
Turnip Root - Raw	RL001	RL001-2	1606	Discard
Turnip Root - Raw	RL001	RL001-2	1493	Discard
Turnip Root - Raw	RL001	RL001-2	1457	Discard
Turnip Root - Raw	RL001	RL001-2	1414	
Turnip Root - Raw	RL001	RL001-2	1374	Discard
Turnip Root - Raw	RL001	RL001-2	1307	Discard
Turnip Root - Raw	RL001	RL001-2	1279	
Turnip Root - Raw	RL001	RL001-2	904	Discard
Turnip Root - Raw	RL001	RL001-2	763	Discard
Turnip Root - Raw	RL001	RL001-2	699	Discard
Turnip Root - Raw	RL001	RL001-3	3343	Discard
Turnip Root - Raw	RL001	RL001-3	2951	Discard
Turnip Root - Raw	RL001	RL001-3	2927	Discard
Turnip Root - Raw	RL001	RL001-3	2875	Discard
Turnip Root - Raw	RL001	RL001-3	2860	Discard

Substance	Sample	Run	Peak	Discard
Turnip Root - Raw	RL001	RL001-3	1732	Discard
Turnip Root - Raw	RL001	RL001-3	1701	Discard
Turnip Root - Raw	RL001	RL001-3	1600	Discard
Turnip Root - Raw	RL001	RL001-3	1457	Discard
Turnip Root - Raw	RL001	RL001-3	1377	Discard
Turnip Root - Raw	RL001	RL001-3	1362	
Turnip Root - Raw	RL001	RL001-3	1313	
Turnip Root - Raw	RL001	RL001-3	1273	Discard
Turnip Root - Raw	RL001	RL001-3	1252	Discard
Turnip Root - Raw	RL001	RL001-3	900	Discard
Turnip Root - Raw	RL001	RL001-3	769	Discard
Turnip Root - Raw	RL001	RL001-3	699	Discard
Turnip Root - Cooked	RL002	RL002-1	3312	Discard
Turnip Root - Cooked	RL002	RL002-1	2924	Discard
Turnip Root - Cooked	RL002	RL002-1	2875	Discard
Turnip Root - Cooked	RL002	RL002-1	2853	Discard
Turnip Root - Cooked	RL002	RL002-1	2355	
Turnip Root - Cooked	RL002	RL002-1	1698	Discard
Turnip Root - Cooked	RL002	RL002-1	1631	
Turnip Root - Cooked	RL002	RL002-1	1597	
Turnip Root - Cooked	RL002	RL002-1	1451	
Turnip Root - Cooked	RL002	RL002-1	1377	Discard
Turnip Root - Cooked	RL002	RL002-1	1316	
Turnip Root - Cooked	RL002	RL002-1	1240	
Turnip Root - Cooked	RL002	RL002-1	1010	
Turnip Root - Cooked	RL002	RL002-1	980	
Turnip Root - Cooked	RL002	RL002-1	900	Discard
Turnip Root - Cooked	RL002	RL002-1	766	Discard
Turnip Root - Cooked	RL002	RL002-1	644	
Turnip Root - Cooked	RL002	RL002-1	561	
Turnip Root - Cooked	RL002	RL002-2	3315	Discard
Turnip Root - Cooked	RL002	RL002-2	2927	Discard
Turnip Root - Cooked	RL002	RL002-2	1634	
Turnip Root - Cooked	RL002	RL002-2	1594	
Turnip Root - Cooked	RL002	RL002-2	1457	Discard
Turnip Root - Cooked	RL002	RL002-2	1414	
Turnip Root - Cooked	RL002	RL002-2	1371	
Turnip Root - Cooked	RL002	RL002-2	1007	
Turnip Root - Cooked	RL002	RL002-2	971	
Turnip Root - Cooked	RL002	RL002-2	904	Discard
Turnip Root - Cooked	RL002	RL002-2	821	
Turnip Root - Cooked	RL002	RL002-2	769	Discard

Substance	Sample	Run	Peak	Discard
Turnip Root - Cooked	RL002	RL002-2	650	
Turnip Root - Cooked	RL002	RL002-3	3312	Discard
Turnip Root - Cooked	RL002	RL002-3	2927	Discard
Turnip Root - Cooked	RL002	RL002-3	2890	
Turnip Root - Cooked	RL002	RL002-3	1637	
Turnip Root - Cooked	RL002	RL002-3	1597	
Turnip Root - Cooked	RL002	RL002-3	1451	
Turnip Root - Cooked	RL002	RL002-3	1417	
Turnip Root - Cooked	RL002	RL002-3	1365	
Turnip Root - Cooked	RL002	RL002-3	1001	
Turnip Root - Cooked	RL002	RL002-3	986	
Turnip Root - Cooked	RL002	RL002-3	904	Discard
Turnip Root - Cooked	RL002	RL002-3	818	
Turnip Root - Cooked	RL002	RL002-3	772	
Turnip Root - Cooked	RL002	RL002-3	644	
Turnip Green - Raw	RL003	RL003-1	3333	Discard
Turnip Green - Raw	RL003	RL003-1	3012	
Turnip Green - Raw	RL003	RL003-1	2924	Discard
Turnip Green - Raw	RL003	RL003-1	2853	Discard
Turnip Green - Raw	RL003	RL003-1	1738	Discard
Turnip Green - Raw	RL003	RL003-1	1652	
Turnip Green - Raw	RL003	RL003-1	1634	
Turnip Green - Raw	RL003	RL003-1	1606	Discard
Turnip Green - Raw	RL003	RL003-1	1551	
Turnip Green - Raw	RL003	RL003-1	1518	
Turnip Green - Raw	RL003	RL003-1	1457	Discard
Turnip Green - Raw	RL003	RL003-1	1435	
Turnip Green - Raw	RL003	RL003-1	1417	
Turnip Green - Raw	RL003	RL003-1	1377	Discard
Turnip Green - Raw	RL003	RL003-1	1350	
Turnip Green - Raw	RL003	RL003-1	1283	
Turnip Green - Raw	RL003	RL003-1	1243	
Turnip Green - Raw	RL003	RL003-1	1224	
Turnip Green - Raw	RL003	RL003-1	1151	
Turnip Green - Raw	RL003	RL003-1	1050	
Turnip Green - Raw	RL003	RL003-1	1035	
Turnip Green - Raw	RL003	RL003-1	986	
Turnip Green - Raw	RL003	RL003-1	910	Discard
Turnip Green - Raw	RL003	RL003-1	888	Discard
Turnip Green - Raw	RL003	RL003-1	821	
Turnip Green - Raw	RL003	RL003-1	772	
Turnip Green - Raw	RL003	RL003-1	726	

Substance	Sample	Run	Peak	Discard
Turnip Green - Raw	RL003	RL003-1	632	
Turnip Green - Raw	RL003	RL003-2	3339	Discard
Turnip Green - Raw	RL003	RL003-2	3012	
Turnip Green - Raw	RL003	RL003-2	2927	Discard
Turnip Green - Raw	RL003	RL003-2	2853	Discard
Turnip Green - Raw	RL003	RL003-2	2352	
Turnip Green - Raw	RL003	RL003-2	2325	
Turnip Green - Raw	RL003	RL003-2	2117	
Turnip Green - Raw	RL003	RL003-2	2080	
Turnip Green - Raw	RL003	RL003-2	1741	
Turnip Green - Raw	RL003	RL003-2	1655	
Turnip Green - Raw	RL003	RL003-2	1628	
Turnip Green - Raw	RL003	RL003-2	1603	Discard
Turnip Green - Raw	RL003	RL003-2	1551	
Turnip Green - Raw	RL003	RL003-2	1518	
Turnip Green - Raw	RL003	RL003-2	1457	Discard
Turnip Green - Raw	RL003	RL003-2	1420	
Turnip Green - Raw	RL003	RL003-2	1377	Discard
Turnip Green - Raw	RL003	RL003-2	1286	
Turnip Green - Raw	RL003	RL003-2	1227	
Turnip Green - Raw	RL003	RL003-2	1053	
Turnip Green - Raw	RL003	RL003-2	1032	
Turnip Green - Raw	RL003	RL003-2	913	Discard
Turnip Green - Raw	RL003	RL003-2	894	Discard
Turnip Green - Raw	RL003	RL003-2	812	
Turnip Green - Raw	RL003	RL003-2	775	
Turnip Green - Raw	RL003	RL003-2	702	Discard
Turnip Green - Raw	RL003	RL003-2	641	
Turnip Green - Raw	RL003	RL003-3	3336	Discard
Turnip Green - Raw	RL003	RL003-3	3012	
Turnip Green - Raw	RL003	RL003-3	2927	Discard
Turnip Green - Raw	RL003	RL003-3	2853	Discard
Turnip Green - Raw	RL003	RL003-3	2352	
Turnip Green - Raw	RL003	RL003-3	2331	
Turnip Green - Raw	RL003	RL003-3	2083	
Turnip Green - Raw	RL003	RL003-3	1741	
Turnip Green - Raw	RL003	RL003-3	1631	
Turnip Green - Raw	RL003	RL003-3	1606	Discard
Turnip Green - Raw	RL003	RL003-3	1555	
Turnip Green - Raw	RL003	RL003-3	1518	
Turnip Green - Raw	RL003	RL003-3	1457	Discard
Turnip Green - Raw	RL003	RL003-3	1414	

Substance	Sample	Run	Peak	Discard
Turnip Green - Raw	RL003	RL003-3	1380	Discard
Turnip Green - Raw	RL003	RL003-3	1344	
Turnip Green - Raw	RL003	RL003-3	1224	
Turnip Green - Raw	RL003	RL003-3	1148	
Turnip Green - Raw	RL003	RL003-3	1050	
Turnip Green - Raw	RL003	RL003-3	1035	
Turnip Green - Raw	RL003	RL003-3	986	
Turnip Green - Raw	RL003	RL003-3	913	Discard
Turnip Green - Raw	RL003	RL003-3	894	Discard
Turnip Green - Raw	RL003	RL003-3	821	
Turnip Green - Raw	RL003	RL003-3	775	
Turnip Green - Raw	RL003	RL003-3	751	Discard
Turnip Green - Raw	RL003	RL003-3	635	
Turnip Green - Cooked	RL004	RL004-1	3015	
Turnip Green - Cooked	RL004	RL004-1	2957	Discard
Turnip Green - Cooked	RL004	RL004-1	2921	Discard
Turnip Green - Cooked	RL004	RL004-1	2853	Discard
Turnip Green - Cooked	RL004	RL004-1	1741	
Turnip Green - Cooked	RL004	RL004-1	1713	
Turnip Green - Cooked	RL004	RL004-1	1463	Discard
Turnip Green - Cooked	RL004	RL004-1	1380	Discard
Turnip Green - Cooked	RL004	RL004-1	907	Discard
Turnip Green - Cooked	RL004	RL004-1	769	Discard
Turnip Green - Cooked	RL004	RL004-2	3382	Discard
Turnip Green - Cooked	RL004	RL004-2	3015	
Turnip Green - Cooked	RL004	RL004-2	2957	Discard
Turnip Green - Cooked	RL004	RL004-2	2921	Discard
Turnip Green - Cooked	RL004	RL004-2	2847	Discard
Turnip Green - Cooked	RL004	RL004-2	2725	Discard
Turnip Green - Cooked	RL004	RL004-2	1735	Discard
Turnip Green - Cooked	RL004	RL004-2	1707	
Turnip Green - Cooked	RL004	RL004-2	1463	Discard
Turnip Green - Cooked	RL004	RL004-2	1377	Discard
Turnip Green - Cooked	RL004	RL004-2	904	Discard
Turnip Green - Cooked	RL004	RL004-2	763	Discard
Turnip Green - Cooked	RL004	RL004-3	3388	Discard
Turnip Green - Cooked	RL004	RL004-3	3009	
Turnip Green - Cooked	RL004	RL004-3	2957	Discard
Turnip Green - Cooked	RL004	RL004-3	2921	Discard
Turnip Green - Cooked	RL004	RL004-3	2878	
Turnip Green - Cooked	RL004	RL004-3	2850	Discard
Turnip Green - Cooked	RL004	RL004-3	1738	Discard

Substance	Sample	Run	Peak	Discard
Turnip Green - Cooked	RL004	RL004-3	1704	Discard
Turnip Green - Cooked	RL004	RL004-3	1463	Discard
Turnip Green - Cooked	RL004	RL004-3	1377	Discard
Turnip Green - Cooked	RL004	RL004-3	904	Discard
Turnip Green - Cooked	RL004	RL004-3	766	Discard
Turnip Green - Cooked	RL004	RL004-4	3349	Discard
Turnip Green - Cooked	RL004	RL004-4	3012	
Turnip Green - Cooked	RL004	RL004-4	2957	Discard
Turnip Green - Cooked	RL004	RL004-4	2921	Discard
Turnip Green - Cooked	RL004	RL004-4	2853	Discard
Turnip Green - Cooked	RL004	RL004-4	1741	
Turnip Green - Cooked	RL004	RL004-4	1646	
Turnip Green - Cooked	RL004	RL004-4	1600	Discard
Turnip Green - Cooked	RL004	RL004-4	1515	
Turnip Green - Cooked	RL004	RL004-4	1457	Discard
Turnip Green - Cooked	RL004	RL004-4	1377	Discard
Turnip Green - Cooked	RL004	RL004-4	900	Discard
Turnip Green - Cooked	RL004	RL004-4	772	
Turnip Green - Cooked	RL004	RL004-5	3327	Discard
Turnip Green - Cooked	RL004	RL004-5	3009	
Turnip Green - Cooked	RL004	RL004-5	2957	Discard
Turnip Green - Cooked	RL004	RL004-5	2728	Discard
Turnip Green - Cooked	RL004	RL004-5	2361	
Turnip Green - Cooked	RL004	RL004-5	2334	
Turnip Green - Cooked	RL004	RL004-5	2034	
Turnip Green - Cooked	RL004	RL004-5	1741	
Turnip Green - Cooked	RL004	RL004-5	1655	
Turnip Green - Cooked	RL004	RL004-5	1594	
Turnip Green - Cooked	RL004	RL004-5	1518	
Turnip Green - Cooked	RL004	RL004-5	1454	Discard
Turnip Green - Cooked	RL004	RL004-5	1380	Discard
Turnip Green - Cooked	RL004	RL004-5	1304	
Turnip Green - Cooked	RL004	RL004-5	1246	Discard
Turnip Green - Cooked	RL004	RL004-5	1157	
Turnip Green - Cooked	RL004	RL004-5	1032	
Turnip Green - Cooked	RL004	RL004-5	989	
Turnip Green - Cooked	RL004	RL004-5	891	Discard
Turnip Green - Cooked	RL004	RL004-5	757	Discard
Turnip Green - Cooked	RL004	RL004-6	3307	Discard
Turnip Green - Cooked	RL004	RL004-6	3012	
Turnip Green - Cooked	RL004	RL004-6	2919	Discard
Turnip Green - Cooked	RL004	RL004-6	2852	Discard

Substance	Sample	Run	Peak	Discard
Turnip Green - Cooked	RL004	RL004-6	2725	Discard
Turnip Green - Cooked	RL004	RL004-6	1737	Discard
Turnip Green - Cooked	RL004	RL004-6	1713	
Turnip Green - Cooked	RL004	RL004-6	1651	
Turnip Green - Cooked	RL004	RL004-6	1593	
Turnip Green - Cooked	RL004	RL004-6	1516	
Turnip Green - Cooked	RL004	RL004-6	1451	
Turnip Green - Cooked	RL004	RL004-6	1374	Discard
Turnip Green - Cooked	RL004	RL004-6	1306	Discard
Turnip Green - Cooked	RL004	RL004-6	1302	
Turnip Green - Cooked	RL004	RL004-6	1282	
Turnip Green - Cooked	RL004	RL004-6	1251	Discard
Turnip Green - Cooked	RL004	RL004-6	1220	
Turnip Green - Cooked	RL004	RL004-6	989	
Turnip Green - Cooked	RL004	RL004-6	891	Discard
Turnip Green - Cooked	RL004	RL004-6	755	Discard
Turnip Green - Cooked	RL004	RL004-6	718	
Turnip Green - Cooked	RL004	RL004-6	626	
Cucumber Skin	RL005	RL005-1	3294	Discard
Cucumber Skin	RL005	RL005-1	3015	
Cucumber Skin	RL005	RL005-1	2927	Discard
Cucumber Skin	RL005	RL005-1	2850	Discard
Cucumber Skin	RL005	RL005-1	2361	
Cucumber Skin	RL005	RL005-1	2325	
Cucumber Skin	RL005	RL005-1	2193	
Cucumber Skin	RL005	RL005-1	2193	
Cucumber Skin	RL005	RL005-1	2166	
Cucumber Skin	RL005	RL005-1	2114	
Cucumber Skin	RL005	RL005-1	2047	
Cucumber Skin	RL005	RL005-1	1989	
Cucumber Skin	RL005	RL005-1	1741	
Cucumber Skin	RL005	RL005-1	1600	Discard
Cucumber Skin	RL005	RL005-1	1521	
Cucumber Skin	RL005	RL005-1	1457	Discard
Cucumber Skin	RL005	RL005-1	1405	
Cucumber Skin	RL005	RL005-1	1383	
Cucumber Skin	RL005	RL005-1	1255	
Cucumber Skin	RL005	RL005-1	1053	
Cucumber Skin	RL005	RL005-1	1035	
Cucumber Skin	RL005	RL005-1	992	
Cucumber Skin	RL005	RL005-1	980	
Cucumber Skin	RL005	RL005-1	891	Discard

Substance	Sample	Run	Peak	Discard
Cucumber Skin	RL005	RL005-1	815	
Cucumber Skin	RL005	RL005-1	754	Discard
Cucumber Skin	RL005	RL005-1	699	Discard
Cucumber Skin	RL005	RL005-1	622	
Cucumber Skin	RL005	RL005-2	3294	Discard
Cucumber Skin	RL005	RL005-2	3019	Discard
Cucumber Skin	RL005	RL005-2	2921	Discard
Cucumber Skin	RL005	RL005-2	2875	Discard
Cucumber Skin	RL005	RL005-2	2850	Discard
Cucumber Skin	RL005	RL005-2	2028	
Cucumber Skin	RL005	RL005-2	1979	
Cucumber Skin	RL005	RL005-2	1741	
Cucumber Skin	RL005	RL005-2	1594	
Cucumber Skin	RL005	RL005-2	1454	Discard
Cucumber Skin	RL005	RL005-2	1408	
Cucumber Skin	RL005	RL005-2	1252	Discard
Cucumber Skin	RL005	RL005-2	1053	
Cucumber Skin	RL005	RL005-2	1032	
Cucumber Skin	RL005	RL005-2	986	
Cucumber Skin	RL005	RL005-2	894	Discard
Cucumber Skin	RL005	RL005-2	821	
Cucumber Skin	RL005	RL005-2	766	Discard
Cucumber Skin	RL005	RL005-2	635	
Cucumber Skin	RL005	RL005-3	3291	Discard
Cucumber Skin	RL005	RL005-3	3012	
Cucumber Skin	RL005	RL005-3	2924	Discard
Cucumber Skin	RL005	RL005-3	2875	Discard
Cucumber Skin	RL005	RL005-3	2850	Discard
Cucumber Skin	RL005	RL005-3	2114	
Cucumber Skin	RL005	RL005-3	1982	
Cucumber Skin	RL005	RL005-3	1738	Discard
Cucumber Skin	RL005	RL005-3	1597	
Cucumber Skin	RL005	RL005-3	1457	Discard
Cucumber Skin	RL005	RL005-3	1408	
Cucumber Skin	RL005	RL005-3	1252	Discard
Cucumber Skin	RL005	RL005-3	1053	
Cucumber Skin	RL005	RL005-3	1032	
Cucumber Skin	RL005	RL005-3	992	
Cucumber Skin	RL005	RL005-3	977	
Cucumber Skin	RL005	RL005-3	941	
Cucumber Skin	RL005	RL005-3	891	Discard
Cucumber Skin	RL005	RL005-3	821	

Substance	Sample	Run	Peak	Discard
Cucumber Skin	RL005	RL005-3	763	Discard
Cucumber Flesh	RL006	RL006-1	3275	Discard
Cucumber Flesh	RL006	RL006-1	2930	Discard
Cucumber Flesh	RL006	RL006-1	2884	
Cucumber Flesh	RL006	RL006-1	1582	
Cucumber Flesh	RL006	RL006-1	1454	Discard
Cucumber Flesh	RL006	RL006-1	1405	
Cucumber Flesh	RL006	RL006-1	1359	
Cucumber Flesh	RL006	RL006-1	1255	
Cucumber Flesh	RL006	RL006-1	1148	
Cucumber Flesh	RL006	RL006-1	1105	
Cucumber Flesh	RL006	RL006-1	1050	
Cucumber Flesh	RL006	RL006-1	1029	
Cucumber Flesh	RL006	RL006-1	992	
Cucumber Flesh	RL006	RL006-1	919	
Cucumber Flesh	RL006	RL006-1	894	Discard
Cucumber Flesh	RL006	RL006-1	870	
Cucumber Flesh	RL006	RL006-1	818	
Cucumber Flesh	RL006	RL006-1	778	
Cucumber Flesh	RL006	RL006-1	705	Discard
Cucumber Flesh	RL006	RL006-1	632	
Cucumber Flesh	RL006	RL006-1	598	
Cucumber Flesh	RL006	RL006-2	3269	Discard
Cucumber Flesh	RL006	RL006-2	2933	
Cucumber Flesh	RL006	RL006-2	2890	
Cucumber Flesh	RL006	RL006-2	1588	
Cucumber Flesh	RL006	RL006-2	1457	Discard
Cucumber Flesh	RL006	RL006-2	1411	
Cucumber Flesh	RL006	RL006-2	1344	
Cucumber Flesh	RL006	RL006-2	1255	
Cucumber Flesh	RL006	RL006-2	1102	
Cucumber Flesh	RL006	RL006-2	1053	
Cucumber Flesh	RL006	RL006-2	1029	
Cucumber Flesh	RL006	RL006-2	980	
Cucumber Flesh	RL006	RL006-2	925	
Cucumber Flesh	RL006	RL006-2	894	Discard
Cucumber Flesh	RL006	RL006-2	876	
Cucumber Flesh	RL006	RL006-2	818	
Cucumber Flesh	RL006	RL006-2	775	
Cucumber Flesh	RL006	RL006-2	714	
Cucumber Flesh	RL006	RL006-2	638	
Cucumber Flesh	RL006	RL006-3	3269	Discard

Substance	Sample	Run	Peak	Discard
Cucumber Flesh	RL006	RL006-3	2927	Discard
Cucumber Flesh	RL006	RL006-3	1588	
Cucumber Flesh	RL006	RL006-3	1460	Discard
Cucumber Flesh	RL006	RL006-3	1405	
Cucumber Flesh	RL006	RL006-3	1353	
Cucumber Flesh	RL006	RL006-3	1261	
Cucumber Flesh	RL006	RL006-3	1148	
Cucumber Flesh	RL006	RL006-3	1102	
Cucumber Flesh	RL006	RL006-3	1053	
Cucumber Flesh	RL006	RL006-3	1029	
Cucumber Flesh	RL006	RL006-3	986	
Cucumber Flesh	RL006	RL006-3	919	
Cucumber Flesh	RL006	RL006-3	900	Discard
Cucumber Flesh	RL006	RL006-3	876	
Cucumber Flesh	RL006	RL006-3	821	
Cucumber Flesh	RL006	RL006-3	775	
Cucumber Flesh	RL006	RL006-3	711	
Cucumber Flesh	RL006	RL006-3	641	
Cucumber Flesh	RL006	RL006-3	595	
Squash - Raw	RL007	RL007-1	3309	Discard
Squash - Raw	RL007	RL007-1	3019	Discard
Squash - Raw	RL007	RL007-1	2954	Discard
Squash - Raw	RL007	RL007-1	2927	Discard
Squash - Raw	RL007	RL007-1	2872	Discard
Squash - Raw	RL007	RL007-1	2857	Discard
Squash - Raw	RL007	RL007-1	1979	
Squash - Raw	RL007	RL007-1	1735	Discard
Squash - Raw	RL007	RL007-1	1704	Discard
Squash - Raw	RL007	RL007-1	1674	
Squash - Raw	RL007	RL007-1	1603	Discard
Squash - Raw	RL007	RL007-1	1515	
Squash - Raw	RL007	RL007-1	1493	Discard
Squash - Raw	RL007	RL007-1	1454	Discard
Squash - Raw	RL007	RL007-1	1417	
Squash - Raw	RL007	RL007-1	1377	Discard
Squash - Raw	RL007	RL007-1	1304	
Squash - Raw	RL007	RL007-1	1270	Discard
Squash - Raw	RL007	RL007-1	1252	Discard
Squash - Raw	RL007	RL007-1	1007	
Squash - Raw	RL007	RL007-1	959	
Squash - Raw	RL007	RL007-1	900	Discard
Squash - Raw	RL007	RL007-1	818	

Substance	Sample	Run	Peak	Discard
Squash - Raw	RL007	RL007-1	760	Discard
Squash - Raw	RL007	RL007-1	705	Discard
Squash - Raw	RL007	RL007-2	3297	Discard
Squash - Raw	RL007	RL007-2	3022	Discard
Squash - Raw	RL007	RL007-2	2954	Discard
Squash - Raw	RL007	RL007-2	2924	Discard
Squash - Raw	RL007	RL007-2	2872	Discard
Squash - Raw	RL007	RL007-2	2853	Discard
Squash - Raw	RL007	RL007-2	1704	Discard
Squash - Raw	RL007	RL007-2	1637	
Squash - Raw	RL007	RL007-2	1606	Discard
Squash - Raw	RL007	RL007-2	1515	
Squash - Raw	RL007	RL007-2	1496	Discard
Squash - Raw	RL007	RL007-2	1457	Discard
Squash - Raw	RL007	RL007-2	1414	
Squash - Raw	RL007	RL007-2	1377	Discard
Squash - Raw	RL007	RL007-2	1373	
Squash - Raw	RL007	RL007-2	1310	Discard
Squash - Raw	RL007	RL007-2	1258	
Squash - Raw	RL007	RL007-2	1023	
Squash - Raw	RL007	RL007-2	968	
Squash - Raw	RL007	RL007-2	891	Discard
Squash - Raw	RL007	RL007-2	821	
Squash - Raw	RL007	RL007-2	757	Discard
Squash - Raw	RL007	RL007-2	699	Discard
Squash - Raw	RL007	RL007-3	3067	Discard
Squash - Raw	RL007	RL007-3	3019	Discard
Squash - Raw	RL007	RL007-3	2954	Discard
Squash - Raw	RL007	RL007-3	2924	Discard
Squash - Raw	RL007	RL007-3	2853	Discard
Squash - Raw	RL007	RL007-3	1738	Discard
Squash - Raw	RL007	RL007-3	1704	Discard
Squash - Raw	RL007	RL007-3	1606	Discard
Squash - Raw	RL007	RL007-3	1460	Discard
Squash - Raw	RL007	RL007-3	1380	Discard
Squash - Raw	RL007	RL007-3	900	Discard
Squash - Raw	RL007	RL007-3	766	Discard
Squash - Cooked	RL008	RL008-1	3275	Discard
Squash - Cooked	RL008	RL008-1	2930	Discard
Squash - Cooked	RL008	RL008-1	2361	
Squash - Cooked	RL008	RL008-1	1726	Discard
Squash - Cooked	RL008	RL008-1	1591	

Substance	Sample	Run	Peak	Discard
Squash - Cooked	RL008	RL008-1	1521	
Squash - Cooked	RL008	RL008-1	1405	
Squash - Cooked	RL008	RL008-1	1264	
Squash - Cooked	RL008	RL008-1	1234	
Squash - Cooked	RL008	RL008-1	1026	
Squash - Cooked	RL008	RL008-1	989	
Squash - Cooked	RL008	RL008-1	894	Discard
Squash - Cooked	RL008	RL008-1	818	
Squash - Cooked	RL008	RL008-1	722	
Squash - Cooked	RL008	RL008-1	638	
Squash - Cooked	RL008	RL008-2	3269	Discard
Squash - Cooked	RL008	RL008-2	2927	Discard
Squash - Cooked	RL008	RL008-2	2872	Discard
Squash - Cooked	RL008	RL008-2	2857	Discard
Squash - Cooked	RL008	RL008-2	2352	
Squash - Cooked	RL008	RL008-2	2117	
Squash - Cooked	RL008	RL008-2	2010	
Squash - Cooked	RL008	RL008-2	1985	
Squash - Cooked	RL008	RL008-2	1591	
Squash - Cooked	RL008	RL008-2	1518	
Squash - Cooked	RL008	RL008-2	1457	Discard
Squash - Cooked	RL008	RL008-2	1402	
Squash - Cooked	RL008	RL008-2	1261	
Squash - Cooked	RL008	RL008-2	1237	
Squash - Cooked	RL008	RL008-2	1029	
Squash - Cooked	RL008	RL008-2	980	
Squash - Cooked	RL008	RL008-2	894	Discard
Squash - Cooked	RL008	RL008-2	821	
Squash - Cooked	RL008	RL008-2	769	Discard
Squash - Cooked	RL008	RL008-2	699	Discard
Squash - Cooked	RL008	RL008-2	638	
Squash - Cooked	RL008	RL008-3	3272	Discard
Squash - Cooked	RL008	RL008-3	2924	Discard
Squash - Cooked	RL008	RL008-3	2878	
Squash - Cooked	RL008	RL008-3	2190	
Squash - Cooked	RL008	RL008-3	1729	Discard
Squash - Cooked	RL008	RL008-3	1588	
Squash - Cooked	RL008	RL008-3	1515	
Squash - Cooked	RL008	RL008-3	1454	Discard
Squash - Cooked	RL008	RL008-3	1405	
Squash - Cooked	RL008	RL008-3	1258	
Squash - Cooked	RL008	RL008-3	1234	

Substance	Sample	Run	Peak	Discard
Squash - Cooked	RL008	RL008-3	1026	
Squash - Cooked	RL008	RL008-3	986	
Squash - Cooked	RL008	RL008-3	897	Discard
Squash - Cooked	RL008	RL008-3	821	
Squash - Cooked	RL008	RL008-3	722	
Squash - Cooked	RL008	RL008-3	702	Discard
Squash - Cooked	RL008	RL008-3	647	
Squash - Cooked	RL008	RL008-3	561	
Peach Flesh	RL009	RL009-1	3281	Discard
Peach Flesh	RL009	RL009-1	2930	Discard
Peach Flesh	RL009	RL009-1	1720	
Peach Flesh	RL009	RL009-1	1674	
Peach Flesh	RL009	RL009-1	1616	
Peach Flesh	RL009	RL009-1	1414	
Peach Flesh	RL009	RL009-1	1353	
Peach Flesh	RL009	RL009-1	1267	Discard
Peach Flesh	RL009	RL009-1	1133	
Peach Flesh	RL009	RL009-1	1105	
Peach Flesh	RL009	RL009-1	1041	
Peach Flesh	RL009	RL009-1	989	
Peach Flesh	RL009	RL009-1	925	
Peach Flesh	RL009	RL009-1	873	
Peach Flesh	RL009	RL009-1	745	
Peach Flesh	RL009	RL009-1	705	Discard
Peach Flesh	RL009	RL009-1	638	
Peach Flesh	RL009	RL009-1	552	
Peach Flesh	RL009	RL009-2	3291	Discard
Peach Flesh	RL009	RL009-2	2930	Discard
Peach Flesh	RL009	RL009-2	1720	
Peach Flesh	RL009	RL009-2	1674	
Peach Flesh	RL009	RL009-2	1619	
Peach Flesh	RL009	RL009-2	1414	
Peach Flesh	RL009	RL009-2	1353	
Peach Flesh	RL009	RL009-2	1264	
Peach Flesh	RL009	RL009-2	1044	
Peach Flesh	RL009	RL009-2	989	
Peach Flesh	RL009	RL009-2	913	Discard
Peach Flesh	RL009	RL009-2	766	Discard
Peach Flesh	RL009	RL009-3	3294	Discard
Peach Flesh	RL009	RL009-3	2930	Discard
Peach Flesh	RL009	RL009-3	2361	
Peach Flesh	RL009	RL009-3	2343	

Substance	Sample	Run	Peak	Discard
Peach Flesh	RL009	RL009-3	1720	
Peach Flesh	RL009	RL009-3	1674	
Peach Flesh	RL009	RL009-3	1631	
Peach Flesh	RL009	RL009-3	1417	
Peach Flesh	RL009	RL009-3	1356	
Peach Flesh	RL009	RL009-3	1267	Discard
Peach Flesh	RL009	RL009-3	1105	
Peach Flesh	RL009	RL009-3	1038	
Peach Flesh	RL009	RL009-3	989	
Peach Flesh	RL009	RL009-3	919	
Peach Flesh	RL009	RL009-3	763	Discard
Plum Flesh	RL010	RL010-1	3297	Discard
Plum Flesh	RL010	RL010-1	2930	Discard
Plum Flesh	RL010	RL010-1	1720	
Plum Flesh	RL010	RL010-1	1640	
Plum Flesh	RL010	RL010-1	1414	
Plum Flesh	RL010	RL010-1	1344	
Plum Flesh	RL010	RL010-1	1267	Discard
Plum Flesh	RL010	RL010-1	1234	
Plum Flesh	RL010	RL010-1	1194	
Plum Flesh	RL010	RL010-1	1102	
Plum Flesh	RL010	RL010-1	1038	
Plum Flesh	RL010	RL010-1	992	
Plum Flesh	RL010	RL010-1	922	
Plum Flesh	RL010	RL010-1	867	
Plum Flesh	RL010	RL010-1	775	
Plum Flesh	RL010	RL010-1	745	
Plum Flesh	RL010	RL010-1	705	Discard
Plum Flesh	RL010	RL010-1	638	
Plum Flesh	RL010	RL010-1	595	
Plum Flesh	RL010	RL010-2	3297	Discard
Plum Flesh	RL010	RL010-2	2927	Discard
Plum Flesh	RL010	RL010-2	1717	
Plum Flesh	RL010	RL010-2	1631	
Plum Flesh	RL010	RL010-2	1411	
Plum Flesh	RL010	RL010-2	1344	
Plum Flesh	RL010	RL010-2	1264	
Plum Flesh	RL010	RL010-2	1231	
Plum Flesh	RL010	RL010-2	1194	
Plum Flesh	RL010	RL010-2	1041	
Plum Flesh	RL010	RL010-2	989	
Plum Flesh	RL010	RL010-2	922	

Substance	Sample	Run	Peak	Discard
Plum Flesh	RL010	RL010-2	870	
Plum Flesh	RL010	RL010-2	772	
Plum Flesh	RL010	RL010-2	748	
Plum Flesh	RL010	RL010-2	705	Discard
Plum Flesh	RL010	RL010-2	632	
Plum Flesh	RL010	RL010-3	3333	Discard
Plum Flesh	RL010	RL010-3	2927	Discard
Plum Flesh	RL010	RL010-3	1720	
Plum Flesh	RL010	RL010-3	1622	
Plum Flesh	RL010	RL010-3	1414	
Plum Flesh	RL010	RL010-3	913	Discard
Plum Flesh	RL010	RL010-3	769	Discard
Corn Meal - Raw	RL011	RL011-1	3287	Discard
Corn Meal - Raw	RL011	RL011-1	3009	
Corn Meal - Raw	RL011	RL011-1	2924	Discard
Corn Meal - Raw	RL011	RL011-1	2853	Discard
Corn Meal - Raw	RL011	RL011-1	1744	
Corn Meal - Raw	RL011	RL011-1	1652	
Corn Meal - Raw	RL011	RL011-1	1542	Discard
Corn Meal - Raw	RL011	RL011-1	1457	Discard
Corn Meal - Raw	RL011	RL011-1	1414	
Corn Meal - Raw	RL011	RL011-1	1374	Discard
Corn Meal - Raw	RL011	RL011-1	1341	
Corn Meal - Raw	RL011	RL011-1	1243	
Corn Meal - Raw	RL011	RL011-1	1206	
Corn Meal - Raw	RL011	RL011-1	1151	
Corn Meal - Raw	RL011	RL011-1	1102	
Corn Meal - Raw	RL011	RL011-1	1075	
Corn Meal - Raw	RL011	RL011-1	995	
Corn Meal - Raw	RL011	RL011-1	931	
Corn Meal - Raw	RL011	RL011-1	861	
Corn Meal - Raw	RL011	RL011-1	763	Discard
Corn Meal - Raw	RL011	RL011-1	708	
Corn Meal - Raw	RL011	RL011-1	607	
Corn Meal - Raw	RL011	RL011-1	576	
Corn Meal - Raw	RL011	RL011-2	3294	Discard
Corn Meal - Raw	RL011	RL011-2	3012	
Corn Meal - Raw	RL011	RL011-2	2925	Discard
Corn Meal - Raw	RL011	RL011-2	2853	Discard
Corn Meal - Raw	RL011	RL011-2	2361	
Corn Meal - Raw	RL011	RL011-2	1747	
Corn Meal - Raw	RL011	RL011-2	1652	

Substance	Sample	Run	Peak	Discard
Corn Meal - Raw	RL011	RL011-2	1542	Discard
Corn Meal - Raw	RL011	RL011-2	1457	Discard
Corn Meal - Raw	RL011	RL011-2	1417	
Corn Meal - Raw	RL011	RL011-2	1374	Discard
Corn Meal - Raw	RL011	RL011-2	1341	
Corn Meal - Raw	RL011	RL011-2	1246	Discard
Corn Meal - Raw	RL011	RL011-2	1206	
Corn Meal - Raw	RL011	RL011-2	1151	
Corn Meal - Raw	RL011	RL011-2	1102	
Corn Meal - Raw	RL011	RL011-2	992	
Corn Meal - Raw	RL011	RL011-2	925	
Corn Meal - Raw	RL011	RL011-2	858	
Corn Meal - Raw	RL011	RL011-2	763	Discard
Corn Meal - Raw	RL011	RL011-2	705	Discard
Corn Meal - Raw	RL011	RL011-2	607	
Corn Meal - Raw	RL011	RL011-2	537	
Corn Meal - Raw	RL011	RL011-3	3297	Discard
Corn Meal - Raw	RL011	RL011-3	3009	
Corn Meal - Raw	RL011	RL011-3	2924	Discard
Corn Meal - Raw	RL011	RL011-3	2857	Discard
Corn Meal - Raw	RL011	RL011-3	2358	
Corn Meal - Raw	RL011	RL011-3	1707	
Corn Meal - Raw	RL011	RL011-3	1649	
Corn Meal - Raw	RL011	RL011-3	1545	
Corn Meal - Raw	RL011	RL011-3	1454	Discard
Corn Meal - Raw	RL011	RL011-3	1420	
Corn Meal - Raw	RL011	RL011-3	1380	Discard
Corn Meal - Raw	RL011	RL011-3	1310	Discard
Corn Meal - Raw	RL011	RL011-3	1276	Discard
Corn Meal - Raw	RL011	RL011-3	1206	
Corn Meal - Raw	RL011	RL011-3	1125	
Corn Meal - Raw	RL011	RL011-3	1102	
Corn Meal - Raw	RL011	RL011-3	1041	
Corn Meal - Raw	RL011	RL011-3	989	
Corn Meal - Raw	RL011	RL011-3	919	
Corn Meal - Raw	RL011	RL011-3	882	
Corn Meal - Raw	RL011	RL011-3	751	Discard
Corn Meal - Raw	RL011	RL011-3	720	
Corn Meal - Raw	RL011	RL011-3	705	Discard
Corn Meal - Cooked	RL012	RL012-1	3297	Discard
Corn Meal - Steeped	RL012	RL012-1	2930	Discard
Corn Meal - Cooked	RL012	RL012-1	2857	Discard

Substance	Sample	Run	Peak	Discard
Corn Meal - Cooked	RL012	RL012-1	2355	
Corn Meal - Cooked	RL012	RL012-1	2328	
Corn Meal - Cooked	RL012	RL012-1	2120	
Corn Meal - Cooked	RL012	RL012-1	2074	
Corn Meal - Cooked	RL012	RL012-1	2053	
Corn Meal - Cooked	RL012	RL012-1	1747	
Corn Meal - Cooked	RL012	RL012-1	1640	
Corn Meal - Cooked	RL012	RL012-1	1555	
Corn Meal - Cooked	RL012	RL012-1	1518	
Corn Meal - Cooked	RL012	RL012-1	1451	
Corn Meal - Cooked	RL012	RL012-1	1417	
Corn Meal - Cooked	RL012	RL012-1	1368	
Corn Meal - Cooked	RL012	RL012-1	1338	
Corn Meal - Cooked	RL012	RL012-1	1243	
Corn Meal - Cooked	RL012	RL012-1	1154	
Corn Meal - Cooked	RL012	RL012-1	1075	
Corn Meal - Cooked	RL012	RL012-1	1017	
Corn Meal - Cooked	RL012	RL012-1	995	
Corn Meal - Cooked	RL012	RL012-1	855	
Corn Meal - Cooked	RL012	RL012-1	763	Discard
Corn Meal - Cooked	RL012	RL012-1	705	Discard
Corn Meal - Cooked	RL012	RL012-1	668	
Corn Meal - Cooked	RL012	RL012-1	607	
Corn Meal - Cooked	RL012	RL012-1	573	
Corn Meal - Cooked	RL012	RL012-2	3287	Discard
Corn Meal - Cooked	RL012	RL012-2	2857	Discard
Corn Meal - Cooked	RL012	RL012-2	2824	
Corn Meal - Cooked	RL012	RL012-2	2358	
Corn Meal - Cooked	RL012	RL012-2	2322	
Corn Meal - Cooked	RL012	RL012-2	2206	
Corn Meal - Cooked	RL012	RL012-2	2169	
Corn Meal - Cooked	RL012	RL012-2	2102	
Corn Meal - Cooked	RL012	RL012-2	1744	
Corn Meal - Cooked	RL012	RL012-2	1643	
Corn Meal - Cooked	RL012	RL012-2	1551	
Corn Meal - Cooked	RL012	RL012-2	1542	Discard
Corn Meal - Cooked	RL012	RL012-2	1518	
Corn Meal - Cooked	RL012	RL012-2	1457	Discard
Corn Meal - Cooked	RL012	RL012-2	1423	
Corn Meal - Cooked	RL012	RL012-2	1374	Discard
Corn Meal - Cooked	RL012	RL012-2	1341	
Corn Meal - Cooked	RL012	RL012-2	1301	

Substance	Sample	Run	Peak	Discard
Corn Meal - Cooked	RL012	RL012-2	1243	
Corn Meal - Cooked	RL012	RL012-2	1200	
Corn Meal - Cooked	RL012	RL012-2	1151	
Corn Meal - Cooked	RL012	RL012-2	1102	
Corn Meal - Cooked	RL012	RL012-2	1081	
Corn Meal - Cooked	RL012	RL012-2	1017	
Corn Meal - Cooked	RL012	RL012-2	995	
Corn Meal - Cooked	RL012	RL012-2	934	
Corn Meal - Cooked	RL012	RL012-2	861	
Corn Meal - Cooked	RL012	RL012-2	757	Discard
Corn Meal - Cooked	RL012	RL012-2	708	
Corn Meal - Cooked	RL012	RL012-2	613	
Corn Meal - Cooked	RL012	RL012-2	601	
Corn Meal - Cooked	RL012	RL012-2	573	
Corn Meal - Cooked	RL012	RL012-3	3284	Discard
Corn Meal - Cooked	RL012	RL012-3	3009	
Corn Meal - Cooked	RL012	RL012-3	2921	Discard
Corn Meal - Cooked	RL012	RL012-3	2857	Discard
Corn Meal - Cooked	RL012	RL012-3	2533	
Corn Meal - Cooked	RL012	RL012-3	2490	
Corn Meal - Cooked	RL012	RL012-3	2355	
Corn Meal - Cooked	RL012	RL012-3	2325	
Corn Meal - Cooked	RL012	RL012-3	2288	
Corn Meal - Cooked	RL012	RL012-3	2264	
Corn Meal - Cooked	RL012	RL012-3	2224	
Corn Meal - Cooked	RL012	RL012-3	2193	
Corn Meal - Cooked	RL012	RL012-3	2166	
Corn Meal - Cooked	RL012	RL012-3	2114	
Corn Meal - Cooked	RL012	RL012-3	2074	
Corn Meal - Cooked	RL012	RL012-3	2053	
Corn Meal - Cooked	RL012	RL012-3	2028	
Corn Meal - Cooked	RL012	RL012-3	1747	
Corn Meal - Cooked	RL012	RL012-3	1643	
Corn Meal - Cooked	RL012	RL012-3	1457	Discard
Corn Meal - Cooked	RL012	RL012-3	1411	
Corn Meal - Cooked	RL012	RL012-3	1365	
Corn Meal - Cooked	RL012	RL012-3	1341	
Corn Meal - Cooked	RL012	RL012-3	1298	
Corn Meal - Cooked	RL012	RL012-3	1243	
Corn Meal - Cooked	RL012	RL012-3	1203	
Corn Meal - Cooked	RL012	RL012-3	1151	
Corn Meal - Cooked	RL012	RL012-3	1102	

Substance	Sample	Run	Peak	Discard
Corn Meal - Cooked	RL012	RL012-3	1017	
Corn Meal - Cooked	RL012	RL012-3	992	
Corn Meal - Cooked	RL012	RL012-3	937	
Corn Meal - Cooked	RL012	RL012-3	861	
Corn Meal - Cooked	RL012	RL012-3	803	
Corn Meal - Cooked	RL012	RL012-3	766	Discard
Corn Meal - Cooked	RL012	RL012-3	711	
Corn Meal - Cooked	RL012	RL012-3	690	
Corn Meal - Cooked	RL012	RL012-3	656	
Corn Meal - Cooked	RL012	RL012-3	622	
Corn Meal - Cooked	RL012	RL012-3	595	
Corn Meal - Cooked	RL012	RL012-3	564	
Corn Meal Coffee - Raw	RL013	RL013-1	3321	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	3009	
Corn Meal Coffee - Raw	RL013	RL013-1	2924	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	2857	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	1747	
Corn Meal Coffee - Raw	RL013	RL013-1	1652	
Corn Meal Coffee - Raw	RL013	RL013-1	1542	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	1518	
Corn Meal Coffee - Raw	RL013	RL013-1	1460	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	1420	
Corn Meal Coffee - Raw	RL013	RL013-1	1380	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	1151	
Corn Meal Coffee - Raw	RL013	RL013-1	995	
Corn Meal Coffee - Raw	RL013	RL013-1	894	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	763	Discard
Corn Meal Coffee - Raw	RL013	RL013-1	723	
Corn Meal Coffee - Raw	RL013	RL013-2	3294	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	3067	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	2954	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	2924	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	2853	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	2710	
Corn Meal Coffee - Raw	RL013	RL013-2	2358	
Corn Meal Coffee - Raw	RL013	RL013-2	2331	
Corn Meal Coffee - Raw	RL013	RL013-2	1662	
Corn Meal Coffee - Raw	RL013	RL013-2	1536	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	1515	
Corn Meal Coffee - Raw	RL013	RL013-2	1454	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	1414	
Corn Meal Coffee - Raw	RL013	RL013-2	1386	

Substance	Sample	Run	Peak	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	1270	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	900	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	763	Discard
Corn Meal Coffee - Raw	RL013	RL013-2	702	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	3309	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	2921	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	2857	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	1747	
Corn Meal Coffee - Raw	RL013	RL013-3	1655	
Corn Meal Coffee - Raw	RL013	RL013-3	1548	
Corn Meal Coffee - Raw	RL013	RL013-3	1521	
Corn Meal Coffee - Raw	RL013	RL013-3	1460	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	1417	
Corn Meal Coffee - Raw	RL013	RL013-3	1377	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	1148	
Corn Meal Coffee - Raw	RL013	RL013-3	995	
Corn Meal Coffee - Raw	RL013	RL013-3	968	
Corn Meal Coffee - Raw	RL013	RL013-3	907	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	763	Discard
Corn Meal Coffee - Raw	RL013	RL013-3	726	
Corn Meal Coffee - Steeped	RL014	RL014-1	3297	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	2924	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	2364	
Corn Meal Coffee - Steeped	RL014	RL014-1	2328	
Corn Meal Coffee - Steeped	RL014	RL014-1	2282	
Corn Meal Coffee - Steeped	RL014	RL014-1	2257	
Corn Meal Coffee - Steeped	RL014	RL014-1	2239	
Corn Meal Coffee - Steeped	RL014	RL014-1	2199	
Corn Meal Coffee - Steeped	RL014	RL014-1	2166	
Corn Meal Coffee - Steeped	RL014	RL014-1	2108	
Corn Meal Coffee - Steeped	RL014	RL014-1	2077	
Corn Meal Coffee - Steeped	RL014	RL014-1	2062	
Corn Meal Coffee - Steeped	RL014	RL014-1	1982	
Corn Meal Coffee - Steeped	RL014	RL014-1	1643	
Corn Meal Coffee - Steeped	RL014	RL014-1	1463	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	1414	
Corn Meal Coffee - Steeped	RL014	RL014-1	1368	
Corn Meal Coffee - Steeped	RL014	RL014-1	1338	
Corn Meal Coffee - Steeped	RL014	RL014-1	1307	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	1243	
Corn Meal Coffee - Steeped	RL014	RL014-1	1206	
Corn Meal Coffee - Steeped	RL014	RL014-1	1151	

Substance	Sample	Run	Peak	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	1102	
Corn Meal Coffee - Steeped	RL014	RL014-1	1081	
Corn Meal Coffee - Steeped	RL014	RL014-1	1017	
Corn Meal Coffee - Steeped	RL014	RL014-1	955	
Corn Meal Coffee - Steeped	RL014	RL014-1	934	
Corn Meal Coffee - Steeped	RL014	RL014-1	861	
Corn Meal Coffee - Steeped	RL014	RL014-1	766	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	705	Discard
Corn Meal Coffee - Steeped	RL014	RL014-1	607	
Corn Meal Coffee - Steeped	RL014	RL014-1	570	
Corn Meal Coffee - Steeped	RL014	RL014-2	3281	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	2927	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	2368	
Corn Meal Coffee - Steeped	RL014	RL014-2	2328	
Corn Meal Coffee - Steeped	RL014	RL014-2	2202	
Corn Meal Coffee - Steeped	RL014	RL014-2	2120	
Corn Meal Coffee - Steeped	RL014	RL014-2	2080	
Corn Meal Coffee - Steeped	RL014	RL014-2	1741	
Corn Meal Coffee - Steeped	RL014	RL014-2	1652	
Corn Meal Coffee - Steeped	RL014	RL014-2	1457	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	1417	
Corn Meal Coffee - Steeped	RL014	RL014-2	1368	
Corn Meal Coffee - Steeped	RL014	RL014-2	1331	
Corn Meal Coffee - Steeped	RL014	RL014-2	1301	
Corn Meal Coffee - Steeped	RL014	RL014-2	1246	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	1206	
Corn Meal Coffee - Steeped	RL014	RL014-2	1151	
Corn Meal Coffee - Steeped	RL014	RL014-2	1105	
Corn Meal Coffee - Steeped	RL014	RL014-2	1084	
Corn Meal Coffee - Steeped	RL014	RL014-2	1014	
Corn Meal Coffee - Steeped	RL014	RL014-2	955	
Corn Meal Coffee - Steeped	RL014	RL014-2	928	
Corn Meal Coffee - Steeped	RL014	RL014-2	894	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	760	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	705	Discard
Corn Meal Coffee - Steeped	RL014	RL014-2	607	
Corn Meal Coffee - Steeped	RL014	RL014-2	573	
Corn Meal Coffee - Steeped	RL014	RL014-3	3291	Discard
Corn Meal Coffee - Steeped	RL014	RL014-3	2924	Discard
Corn Meal Coffee - Steeped	RL014	RL014-3	2361	
Corn Meal Coffee - Steeped	RL014	RL014-3	2328	
Corn Meal Coffee - Steeped	RL014	RL014-3	2218	

Substance	Sample	Run	Peak	Discard
Corn Meal Coffee - Steeped	RL014	RL014-3	2160	
Corn Meal Coffee - Steeped	RL014	RL014-3	2050	
Corn Meal Coffee - Steeped	RL014	RL014-3	2031	
Corn Meal Coffee - Steeped	RL014	RL014-3	2016	
Corn Meal Coffee - Steeped	RL014	RL014-3	1967	
Corn Meal Coffee - Steeped	RL014	RL014-3	1649	
Corn Meal Coffee - Steeped	RL014	RL014-3	1451	
Corn Meal Coffee - Steeped	RL014	RL014-3	1423	
Corn Meal Coffee - Steeped	RL014	RL014-3	1356	
Corn Meal Coffee - Steeped	RL014	RL014-3	1136	
Corn Meal Coffee - Steeped	RL014	RL014-3	1081	
Corn Meal Coffee - Steeped	RL014	RL014-3	986	
Corn Meal Coffee - Steeped	RL014	RL014-3	922	
Corn Meal Coffee - Steeped	RL014	RL014-3	760	Discard
Corn Meal Coffee - Steeped	RL014	RL014-3	573	
Tea Bohea - Raw	RL015	RL015-1	3361	Discard
Tea Bohea - Raw	RL015	RL015-1	3119	
Tea Bohea - Raw	RL015	RL015-1	2957	Discard
Tea Bohea - Raw	RL015	RL015-1	2915	
Tea Bohea - Raw	RL015	RL015-1	2850	Discard
Tea Bohea - Raw	RL015	RL015-1	1704	Discard
Tea Bohea - Raw	RL015	RL015-1	1658	
Tea Bohea - Raw	RL015	RL015-1	1606	Discard
Tea Bohea - Raw	RL015	RL015-1	1555	
Tea Bohea - Raw	RL015	RL015-1	1490	
Tea Bohea - Raw	RL015	RL015-1	1463	Discard
Tea Bohea - Raw	RL015	RL015-1	1411	
Tea Bohea - Raw	RL015	RL015-1	1380	Discard
Tea Bohea - Raw	RL015	RL015-1	1362	
Tea Bohea - Raw	RL015	RL015-1	1289	
Tea Bohea - Raw	RL015	RL015-1	1240	
Tea Bohea - Raw	RL015	RL015-1	1026	
Tea Bohea - Raw	RL015	RL015-1	968	
Tea Bohea - Raw	RL015	RL015-1	894	Discard
Tea Bohea - Raw	RL015	RL015-1	766	Discard
Tea Bohea - Raw	RL015	RL015-1	745	
Tea Bohea - Raw	RL015	RL015-1	720	
Tea Bohea - Raw	RL015	RL015-2	3349	Discard
Tea Bohea - Raw	RL015	RL015-2	3119	
Tea Bohea - Raw	RL015	RL015-2	2918	Discard
Tea Bohea - Raw	RL015	RL015-2	2850	Discard
Tea Bohea - Raw	RL015	RL015-2	1704	Discard

Substance	Sample	Run	Peak	Discard
Tea Bohea - Raw	RL015	RL015-2	1658	
Tea Bohea - Raw	RL015	RL015-2	1603	Discard
Tea Bohea - Raw	RL015	RL015-2	1551	
Tea Bohea - Raw	RL015	RL015-2	1490	
Tea Bohea - Raw	RL015	RL015-2	1466	
Tea Bohea - Raw	RL015	RL015-2	1417	
Tea Bohea - Raw	RL015	RL015-2	1383	
Tea Bohea - Raw	RL015	RL015-2	1365	
Tea Bohea - Raw	RL015	RL015-2	1292	
Tea Bohea - Raw	RL015	RL015-2	1246	Discard
Tea Bohea - Raw	RL015	RL015-2	1191	
Tea Bohea - Raw	RL015	RL015-2	1029	
Tea Bohea - Raw	RL015	RL015-2	965	
Tea Bohea - Raw	RL015	RL015-2	885	
Tea Bohea - Raw	RL015	RL015-2	760	Discard
Tea Bohea - Raw	RL015	RL015-2	748	
Tea Bohea - Raw	RL015	RL015-2	619	
Tea Bohea - Raw	RL015	RL015-2	616	
Tea Bohea - Raw	RL015	RL015-3	3370	Discard
Tea Bohea - Raw	RL015	RL015-3	3116	
Tea Bohea - Raw	RL015	RL015-3	2954	Discard
Tea Bohea - Raw	RL015	RL015-3	2924	Discard
Tea Bohea - Raw	RL015	RL015-3	2853	Discard
Tea Bohea - Raw	RL015	RL015-3	1704	Discard
Tea Bohea - Raw	RL015	RL015-3	1658	
Tea Bohea - Raw	RL015	RL015-3	1603	Discard
Tea Bohea - Raw	RL015	RL015-3	1551	
Tea Bohea - Raw	RL015	RL015-3	1496	Discard
Tea Bohea - Raw	RL015	RL015-3	1466	
Tea Bohea - Raw	RL015	RL015-3	1411	
Tea Bohea - Raw	RL015	RL015-3	1380	Discard
Tea Bohea - Raw	RL015	RL015-3	1365	
Tea Bohea - Raw	RL015	RL015-3	1283	
Tea Bohea - Raw	RL015	RL015-3	904	Discard
Tea Bohea - Raw	RL015	RL015-3	760	Discard
Tea Bohea - Raw	RL015	RL015-3	751	Discard
Tea Bohea - Raw	RL015	RL015-3	616	
Tea Bohea - Steeped	RL016	RL016-1	3113	
Tea Bohea - Steeped	RL016	RL016-1	2957	Discard
Tea Bohea - Steeped	RL016	RL016-1	2924	Discard
Tea Bohea - Steeped	RL016	RL016-1	2853	Discard
Tea Bohea - Steeped	RL016	RL016-1	2371	

Substance	Sample	Run	Peak	Discard
Tea Bohea - Steeped	RL016	RL016-1	2334	
Tea Bohea - Steeped	RL016	RL016-1	1658	
Tea Bohea - Steeped	RL016	RL016-1	1606	Discard
Tea Bohea - Steeped	RL016	RL016-1	1555	
Tea Bohea - Steeped	RL016	RL016-1	1493	Discard
Tea Bohea - Steeped	RL016	RL016-1	1457	Discard
Tea Bohea - Steeped	RL016	RL016-1	1435	
Tea Bohea - Steeped	RL016	RL016-1	1405	
Tea Bohea - Steeped	RL016	RL016-1	1356	
Tea Bohea - Steeped	RL016	RL016-1	1328	
Tea Bohea - Steeped	RL016	RL016-1	1292	
Tea Bohea - Steeped	RL016	RL016-1	913	Discard
Tea Bohea - Steeped	RL016	RL016-1	904	Discard
Tea Bohea - Steeped	RL016	RL016-1	763	Discard
Tea Bohea - Steeped	RL016	RL016-1	745	
Tea Bohea - Steeped	RL016	RL016-2	3116	
Tea Bohea - Steeped	RL016	RL016-2	2957	Discard
Tea Bohea - Steeped	RL016	RL016-2	2921	Discard
Tea Bohea - Steeped	RL016	RL016-2	2850	Discard
Tea Bohea - Steeped	RL016	RL016-2	1695	Discard
Tea Bohea - Steeped	RL016	RL016-2	1655	
Tea Bohea - Steeped	RL016	RL016-2	1600	Discard
Tea Bohea - Steeped	RL016	RL016-2	1551	
Tea Bohea - Steeped	RL016	RL016-2	1487	
Tea Bohea - Steeped	RL016	RL016-2	1457	Discard
Tea Bohea - Steeped	RL016	RL016-2	1432	
Tea Bohea - Steeped	RL016	RL016-2	1405	
Tea Bohea - Steeped	RL016	RL016-2	1362	
Tea Bohea - Steeped	RL016	RL016-2	1328	
Tea Bohea - Steeped	RL016	RL016-2	1289	
Tea Bohea - Steeped	RL016	RL016-2	1240	
Tea Bohea - Steeped	RL016	RL016-2	1020	
Tea Bohea - Steeped	RL016	RL016-2	974	
Tea Bohea - Steeped	RL016	RL016-2	907	Discard
Tea Bohea - Steeped	RL016	RL016-2	760	Discard
Tea Bohea - Steeped	RL016	RL016-2	745	
Tea Bohea - Steeped	RL016	RL016-2	613	
Tea Bohea - Steeped	RL016	RL016-3	3116	
Tea Bohea - Steeped	RL016	RL016-3	2957	Discard
Tea Bohea - Steeped	RL016	RL016-3	2918	Discard
Tea Bohea - Steeped	RL016	RL016-3	2853	Discard
Tea Bohea - Steeped	RL016	RL016-3	1698	Discard

Substance	Sample	Run	Peak	Discard
Tea Bohea - Steeped	RL016	RL016-3	1658	
Tea Bohea - Steeped	RL016	RL016-3	1600	Discard
Tea Bohea - Steeped	RL016	RL016-3	1555	
Tea Bohea - Steeped	RL016	RL016-3	1487	
Tea Bohea - Steeped	RL016	RL016-3	1457	Discard
Tea Bohea - Steeped	RL016	RL016-3	1429	
Tea Bohea - Steeped	RL016	RL016-3	1405	
Tea Bohea - Steeped	RL016	RL016-3	1365	
Tea Bohea - Steeped	RL016	RL016-3	1328	
Tea Bohea - Steeped	RL016	RL016-3	1292	
Tea Bohea - Steeped	RL016	RL016-3	1243	
Tea Bohea - Steeped	RL016	RL016-3	913	Discard
Tea Bohea - Steeped	RL016	RL016-3	907	Discard
Tea Bohea - Steeped	RL016	RL016-3	757	Discard
Tea Bohea - Steeped	RL016	RL016-3	748	
Tea Souchong - Raw	RL017	RL017-1	3116	
Tea Souchong - Raw	RL017	RL017-1	2957	Discard
Tea Souchong - Raw	RL017	RL017-1	2918	Discard
Tea Souchong - Raw	RL017	RL017-1	2853	Discard
Tea Souchong - Raw	RL017	RL017-1	1698	Discard
Tea Souchong - Raw	RL017	RL017-1	1658	
Tea Souchong - Raw	RL017	RL017-1	1600	Discard
Tea Souchong - Raw	RL017	RL017-1	1555	
Tea Souchong - Raw	RL017	RL017-1	1487	
Tea Souchong - Raw	RL017	RL017-1	1457	Discard
Tea Souchong - Raw	RL017	RL017-1	1429	
Tea Souchong - Raw	RL017	RL017-1	1405	
Tea Souchong - Raw	RL017	RL017-1	1365	
Tea Souchong - Raw	RL017	RL017-1	1328	
Tea Souchong - Raw	RL017	RL017-1	1292	
Tea Souchong - Raw	RL017	RL017-1	1243	
Tea Souchong - Raw	RL017	RL017-1	907	Discard
Tea Souchong - Raw	RL017	RL017-1	748	
Tea Souchong - Raw	RL017	RL017-1	613	
Tea Souchong - Raw	RL017	RL017-2	3361	Discard
Tea Souchong - Raw	RL017	RL017-2	2917	
Tea Souchong - Raw	RL017	RL017-2	2850	Discard
Tea Souchong - Raw	RL017	RL017-2	2731	Discard
Tea Souchong - Raw	RL017	RL017-2	1735	Discard
Tea Souchong - Raw	RL017	RL017-2	1701	Discard
Tea Souchong - Raw	RL017	RL017-2	1655	
Tea Souchong - Raw	RL017	RL017-2	1606	Discard

Substance	Sample	Run	Peak	Discard
Tea Souchong - Raw	RL017	RL017-2	1558	
Tea Souchong - Raw	RL017	RL017-2	1503	
Tea Souchong - Raw	RL017	RL017-2	1460	Discard
Tea Souchong - Raw	RL017	RL017-2	1417	
Tea Souchong - Raw	RL017	RL017-2	1380	Discard
Tea Souchong - Raw	RL017	RL017-2	1362	
Tea Souchong - Raw	RL017	RL017-2	1292	
Tea Souchong - Raw	RL017	RL017-2	1243	
Tea Souchong - Raw	RL017	RL017-2	1191	
Tea Souchong - Raw	RL017	RL017-2	1169	
Tea Souchong - Raw	RL017	RL017-2	1032	
Tea Souchong - Raw	RL017	RL017-2	977	
Tea Souchong - Raw	RL017	RL017-2	885	
Tea Souchong - Raw	RL017	RL017-2	763	Discard
Tea Souchong - Raw	RL017	RL017-2	745	
Tea Souchong - Raw	RL017	RL017-2	729	
Tea Souchong - Raw	RL017	RL017-2	720	
Tea Souchong - Raw	RL017	RL017-2	616	
Tea Souchong - Raw	RL017	RL017-3	3355	Discard
Tea Souchong - Raw	RL017	RL017-3	3126	
Tea Souchong - Raw	RL017	RL017-3	2918	Discard
Tea Souchong - Raw	RL017	RL017-3	2847	Discard
Tea Souchong - Raw	RL017	RL017-3	1704	Discard
Tea Souchong - Raw	RL017	RL017-3	1658	
Tea Souchong - Raw	RL017	RL017-3	1606	Discard
Tea Souchong - Raw	RL017	RL017-3	1555	
Tea Souchong - Raw	RL017	RL017-3	1500	
Tea Souchong - Raw	RL017	RL017-3	1460	Discard
Tea Souchong - Raw	RL017	RL017-3	1411	
Tea Souchong - Raw	RL017	RL017-3	1380	Discard
Tea Souchong - Raw	RL017	RL017-3	1365	
Tea Souchong - Raw	RL017	RL017-3	1295	
Tea Souchong - Raw	RL017	RL017-3	1240	
Tea Souchong - Raw	RL017	RL017-3	1191	
Tea Souchong - Raw	RL017	RL017-3	1029	
Tea Souchong - Raw	RL017	RL017-3	977	
Tea Souchong - Raw	RL017	RL017-3	763	Discard
Tea Souchong - Raw	RL017	RL017-3	748	
Tea Souchong - Raw	RL017	RL017-3	613	
Tea Souchong - Steeped	RL018	RL018-1	3113	
Tea Souchong - Steeped	RL018	RL018-1	2957	Discard
Tea Souchong - Steeped	RL018	RL018-1	2921	Discard

Substance	Sample	Run	Peak	Discard
Tea Souchong - Steeped	RL018	RL018-1	2869	Discard
Tea Souchong - Steeped	RL018	RL018-1	2857	Discard
Tea Souchong - Steeped	RL018	RL018-1	2731	Discard
Tea Souchong - Steeped	RL018	RL018-1	2575	
Tea Souchong - Steeped	RL018	RL018-1	1698	Discard
Tea Souchong - Steeped	RL018	RL018-1	1649	
Tea Souchong - Steeped	RL018	RL018-1	1603	Discard
Tea Souchong - Steeped	RL018	RL018-1	1548	
Tea Souchong - Steeped	RL018	RL018-1	1487	
Tea Souchong - Steeped	RL018	RL018-1	1454	Discard
Tea Souchong - Steeped	RL018	RL018-1	1429	
Tea Souchong - Steeped	RL018	RL018-1	1405	
Tea Souchong - Steeped	RL018	RL018-1	1383	
Tea Souchong - Steeped	RL018	RL018-1	1362	
Tea Souchong - Steeped	RL018	RL018-1	1328	
Tea Souchong - Steeped	RL018	RL018-1	1286	
Tea Souchong - Steeped	RL018	RL018-1	1240	
Tea Souchong - Steeped	RL018	RL018-1	1215	
Tea Souchong - Steeped	RL018	RL018-1	1185	
Tea Souchong - Steeped	RL018	RL018-1	1023	
Tea Souchong - Steeped	RL018	RL018-1	974	
Tea Souchong - Steeped	RL018	RL018-1	894	Discard
Tea Souchong - Steeped	RL018	RL018-1	763	Discard
Tea Souchong - Steeped	RL018	RL018-1	748	
Tea Souchong - Steeped	RL018	RL018-1	702	Discard
Tea Souchong - Steeped	RL018	RL018-1	647	
Tea Souchong - Steeped	RL018	RL018-1	610	
Tea Souchong - Steeped	RL018	RL018-2	3116	
Tea Souchong - Steeped	RL018	RL018-2	2954	Discard
Tea Souchong - Steeped	RL018	RL018-2	2924	Discard
Tea Souchong - Steeped	RL018	RL018-2	2872	Discard
Tea Souchong - Steeped	RL018	RL018-2	2857	Discard
Tea Souchong - Steeped	RL018	RL018-2	1704	Discard
Tea Souchong - Steeped	RL018	RL018-2	1652	
Tea Souchong - Steeped	RL018	RL018-2	1600	Discard
Tea Souchong - Steeped	RL018	RL018-2	1551	
Tea Souchong - Steeped	RL018	RL018-2	1490	
Tea Souchong - Steeped	RL018	RL018-2	1457	Discard
Tea Souchong - Steeped	RL018	RL018-2	1435	
Tea Souchong - Steeped	RL018	RL018-2	1408	
Tea Souchong - Steeped	RL018	RL018-2	1362	
Tea Souchong - Steeped	RL018	RL018-2	1325	

Substance	Sample	Run	Peak	Discard
Tea Souchong - Steeped	RL018	RL018-2	1289	
Tea Souchong - Steeped	RL018	RL018-2	1234	
Tea Souchong - Steeped	RL018	RL018-2	968	
Tea Souchong - Steeped	RL018	RL018-2	900	Discard
Tea Souchong - Steeped	RL018	RL018-2	760	Discard
Tea Souchong - Steeped	RL018	RL018-2	748	
Tea Souchong - Steeped	RL018	RL018-2	610	
Tea Souchong - Steeped	RL018	RL018-3	3343	Discard
Tea Souchong - Steeped	RL018	RL018-3	3116	
Tea Souchong - Steeped	RL018	RL018-3	2957	Discard
Tea Souchong - Steeped	RL018	RL018-3	2927	Discard
Tea Souchong - Steeped	RL018	RL018-3	2875	Discard
Tea Souchong - Steeped	RL018	RL018-3	2853	Discard
Tea Souchong - Steeped	RL018	RL018-3	2358	
Tea Souchong - Steeped	RL018	RL018-3	1698	Discard
Tea Souchong - Steeped	RL018	RL018-3	1658	
Tea Souchong - Steeped	RL018	RL018-3	1603	Discard
Tea Souchong - Steeped	RL018	RL018-3	1551	
Tea Souchong - Steeped	RL018	RL018-3	1487	
Tea Souchong - Steeped	RL018	RL018-3	1457	Discard
Tea Souchong - Steeped	RL018	RL018-3	1435	
Tea Souchong - Steeped	RL018	RL018-3	1405	
Tea Souchong - Steeped	RL018	RL018-3	1380	Discard
Tea Souchong - Steeped	RL018	RL018-3	1365	
Tea Souchong - Steeped	RL018	RL018-3	1328	
Tea Souchong - Steeped	RL018	RL018-3	1289	
Tea Souchong - Steeped	RL018	RL018-3	1240	
Tea Souchong - Steeped	RL018	RL018-3	1185	
Tea Souchong - Steeped	RL018	RL018-3	1026	
Tea Souchong - Steeped	RL018	RL018-3	971	
Tea Souchong - Steeped	RL018	RL018-3	900	Discard
Tea Souchong - Steeped	RL018	RL018-3	760	Discard
Tea Souchong - Steeped	RL018	RL018-3	745	
Tea Souchong - Steeped	RL018	RL018-3	613	
Tea Hyson - Raw	RL019	RL019-1	3330	Discard
Tea Hyson - Raw	RL019	RL019-1	3015	
Tea Hyson - Raw	RL019	RL019-1	2918	Discard
Tea Hyson - Raw	RL019	RL019-1	2853	Discard
Tea Hyson - Raw	RL019	RL019-1	2361	
Tea Hyson - Raw	RL019	RL019-1	2117	
Tea Hyson - Raw	RL019	RL019-1	1739	
Tea Hyson - Raw	RL019	RL019-1	1698	Discard

Substance	Sample	Run	Peak	Discard
Tea Hyson - Raw	RL019	RL019-1	1643	
Tea Hyson - Raw	RL019	RL019-1	1606	Discard
Tea Hyson - Raw	RL019	RL019-1	1555	
Tea Hyson - Raw	RL019	RL019-1	1518	
Tea Hyson - Raw	RL019	RL019-1	1496	Discard
Tea Hyson - Raw	RL019	RL019-1	1460	Discard
Tea Hyson - Raw	RL019	RL019-1	1417	
Tea Hyson - Raw	RL019	RL019-1	1368	
Tea Hyson - Raw	RL019	RL019-1	1353	
Tea Hyson - Raw	RL019	RL019-1	1295	
Tea Hyson - Raw	RL019	RL019-1	1237	
Tea Hyson - Raw	RL019	RL019-1	1191	
Tea Hyson - Raw	RL019	RL019-1	1145	
Tea Hyson - Raw	RL019	RL019-1	1032	
Tea Hyson - Raw	RL019	RL019-1	1014	
Tea Hyson - Raw	RL019	RL019-1	989	
Tea Hyson - Raw	RL019	RL019-1	910	Discard
Tea Hyson - Raw	RL019	RL019-1	897	Discard
Tea Hyson - Raw	RL019	RL019-1	760	Discard
Tea Hyson - Raw	RL019	RL019-1	745	
Tea Hyson - Raw	RL019	RL019-1	616	
Tea Hyson - Raw	RL019	RL019-2	3324	Discard
Tea Hyson - Raw	RL019	RL019-2	3009	
Tea Hyson - Raw	RL019	RL019-2	2918	Discard
Tea Hyson - Raw	RL019	RL019-2	2847	Discard
Tea Hyson - Raw	RL019	RL019-2	2734	Discard
Tea Hyson - Raw	RL019	RL019-2	1735	Discard
Tea Hyson - Raw	RL019	RL019-2	1695	Discard
Tea Hyson - Raw	RL019	RL019-2	1646	
Tea Hyson - Raw	RL019	RL019-2	1613	
Tea Hyson - Raw	RL019	RL019-2	1558	
Tea Hyson - Raw	RL019	RL019-2	1524	
Tea Hyson - Raw	RL019	RL019-2	1503	
Tea Hyson - Raw	RL019	RL019-2	1463	Discard
Tea Hyson - Raw	RL019	RL019-2	1414	
Tea Hyson - Raw	RL019	RL019-2	1371	
Tea Hyson - Raw	RL019	RL019-2	1344	
Tea Hyson - Raw	RL019	RL019-2	1295	
Tea Hyson - Raw	RL019	RL019-2	1243	
Tea Hyson - Raw	RL019	RL019-2	1197	
Tea Hyson - Raw	RL019	RL019-2	1148	
Tea Hyson - Raw	RL019	RL019-2	1032	

Substance	Sample	Run	Peak	Discard
Tea Hyson - Raw	RL019	RL019-2	989	
Tea Hyson - Raw	RL019	RL019-2	919	
Tea Hyson - Raw	RL019	RL019-2	873	
Tea Hyson - Raw	RL019	RL019-2	766	Discard
Tea Hyson - Raw	RL019	RL019-2	745	
Tea Hyson - Raw	RL019	RL019-2	732	
Tea Hyson - Raw	RL019	RL019-2	717	
Tea Hyson - Raw	RL019	RL019-2	616	
Tea Hyson - Raw	RL019	RL019-3	3327	Discard
Tea Hyson - Raw	RL019	RL019-3	2915	
Tea Hyson - Raw	RL019	RL019-3	2915	
Tea Hyson - Raw	RL019	RL019-3	2850	Discard
Tea Hyson - Raw	RL019	RL019-3	2728	Discard
Tea Hyson - Raw	RL019	RL019-3	2728	Discard
Tea Hyson - Raw	RL019	RL019-3	1735	Discard
Tea Hyson - Raw	RL019	RL019-3	1698	Discard
Tea Hyson - Raw	RL019	RL019-3	1649	
Tea Hyson - Raw	RL019	RL019-3	1606	Discard
Tea Hyson - Raw	RL019	RL019-3	1561	
Tea Hyson - Raw	RL019	RL019-3	1518	
Tea Hyson - Raw	RL019	RL019-3	1496	Discard
Tea Hyson - Raw	RL019	RL019-3	1460	Discard
Tea Hyson - Raw	RL019	RL019-3	1414	
Tea Hyson - Raw	RL019	RL019-3	1365	
Tea Hyson - Raw	RL019	RL019-3	1344	
Tea Hyson - Raw	RL019	RL019-3	1298	
Tea Hyson - Raw	RL019	RL019-3	1237	
Tea Hyson - Raw	RL019	RL019-3	1191	
Tea Hyson - Raw	RL019	RL019-3	1148	
Tea Hyson - Raw	RL019	RL019-3	1035	
Tea Hyson - Raw	RL019	RL019-3	986	
Tea Hyson - Raw	RL019	RL019-3	876	
Tea Hyson - Raw	RL019	RL019-3	763	Discard
Tea Hyson - Raw	RL019	RL019-3	742	
Tea Hyson - Raw	RL019	RL019-3	735	
Tea Hyson - Raw	RL019	RL019-3	720	
Tea Hyson - Raw	RL019	RL019-3	610	
Tea Hyson - Steeped	RL020	RL020-1	3346	Discard
Tea Hyson - Steeped	RL020	RL020-1	3113	
Tea Hyson - Steeped	RL020	RL020-1	2957	Discard
Tea Hyson - Steeped	RL020	RL020-1	2924	Discard
Tea Hyson - Steeped	RL020	RL020-1	2872	Discard

Substance	Sample	Run	Peak	Discard
Tea Hyson - Steeped	RL020	RL020-1	2857	Discard
Tea Hyson - Steeped	RL020	RL020-1	2737	Discard
Tea Hyson - Steeped	RL020	RL020-1	2670	
Tea Hyson - Steeped	RL020	RL020-1	2578	
Tea Hyson - Steeped	RL020	RL020-1	1698	Discard
Tea Hyson - Steeped	RL020	RL020-1	1652	
Tea Hyson - Steeped	RL020	RL020-1	1603	Discard
Tea Hyson - Steeped	RL020	RL020-1	1548	
Tea Hyson - Steeped	RL020	RL020-1	1487	
Tea Hyson - Steeped	RL020	RL020-1	1460	Discard
Tea Hyson - Steeped	RL020	RL020-1	1432	
Tea Hyson - Steeped	RL020	RL020-1	1405	
Tea Hyson - Steeped	RL020	RL020-1	1359	
Tea Hyson - Steeped	RL020	RL020-1	1325	
Tea Hyson - Steeped	RL020	RL020-1	1289	
Tea Hyson - Steeped	RL020	RL020-1	1234	
Tea Hyson - Steeped	RL020	RL020-1	1212	
Tea Hyson - Steeped	RL020	RL020-1	1185	
Tea Hyson - Steeped	RL020	RL020-1	1029	
Tea Hyson - Steeped	RL020	RL020-1	974	
Tea Hyson - Steeped	RL020	RL020-1	894	Discard
Tea Hyson - Steeped	RL020	RL020-1	763	Discard
Tea Hyson - Steeped	RL020	RL020-1	748	
Tea Hyson - Steeped	RL020	RL020-1	702	Discard
Tea Hyson - Steeped	RL020	RL020-1	650	
Tea Hyson - Steeped	RL020	RL020-1	613	
Tea Hyson - Steeped	RL020	RL020-2	3116	
Tea Hyson - Steeped	RL020	RL020-2	2954	Discard
Tea Hyson - Steeped	RL020	RL020-2	2921	Discard
Tea Hyson - Steeped	RL020	RL020-2	2869	Discard
Tea Hyson - Steeped	RL020	RL020-2	2853	Discard
Tea Hyson - Steeped	RL020	RL020-2	1698	Discard
Tea Hyson - Steeped	RL020	RL020-2	1655	
Tea Hyson - Steeped	RL020	RL020-2	1603	Discard
Tea Hyson - Steeped	RL020	RL020-2	1551	
Tea Hyson - Steeped	RL020	RL020-2	1487	
Tea Hyson - Steeped	RL020	RL020-2	1457	Discard
Tea Hyson - Steeped	RL020	RL020-2	1432	
Tea Hyson - Steeped	RL020	RL020-2	1405	
Tea Hyson - Steeped	RL020	RL020-2	1362	
Tea Hyson - Steeped	RL020	RL020-2	1328	
Tea Hyson - Steeped	RL020	RL020-2	1283	

Substance	Sample	Run	Peak	Discard
Tea Hyson - Steeped	RL020	RL020-2	1240	
Tea Hyson - Steeped	RL020	RL020-2	910	Discard
Tea Hyson - Steeped	RL020	RL020-2	766	Discard
Tea Hyson - Steeped	RL020	RL020-2	745	
Tea Hyson - Steeped	RL020	RL020-2	610	
Tea Hyson - Steeped	RL020	RL020-3	3346	Discard
Tea Hyson - Steeped	RL020	RL020-3	3116	
Tea Hyson - Steeped	RL020	RL020-3	2954	Discard
Tea Hyson - Steeped	RL020	RL020-3	2921	Discard
Tea Hyson - Steeped	RL020	RL020-3	2872	Discard
Tea Hyson - Steeped	RL020	RL020-3	2857	Discard
Tea Hyson - Steeped	RL020	RL020-3	2728	Discard
Tea Hyson - Steeped	RL020	RL020-3	2670	
Tea Hyson - Steeped	RL020	RL020-3	2349	
Tea Hyson - Steeped	RL020	RL020-3	2322	
Tea Hyson - Steeped	RL020	RL020-3	2108	
Tea Hyson - Steeped	RL020	RL020-3	1707	
Tea Hyson - Steeped	RL020	RL020-3	1649	
Tea Hyson - Steeped	RL020	RL020-3	1600	Discard
Tea Hyson - Steeped	RL020	RL020-3	1551	
Tea Hyson - Steeped	RL020	RL020-3	1487	
Tea Hyson - Steeped	RL020	RL020-3	1460	Discard
Tea Hyson - Steeped	RL020	RL020-3	1432	
Tea Hyson - Steeped	RL020	RL020-3	1402	
Tea Hyson - Steeped	RL020	RL020-3	1380	Discard
Tea Hyson - Steeped	RL020	RL020-3	1359	
Tea Hyson - Steeped	RL020	RL020-3	1325	
Tea Hyson - Steeped	RL020	RL020-3	1283	
Tea Hyson - Steeped	RL020	RL020-3	1237	
Tea Hyson - Steeped	RL020	RL020-3	1188	
Tea Hyson - Steeped	RL020	RL020-3	1026	
Tea Hyson - Steeped	RL020	RL020-3	974	
Tea Hyson - Steeped	RL020	RL020-3	931	
Tea Hyson - Steeped	RL020	RL020-3	891	Discard
Tea Hyson - Steeped	RL020	RL020-3	760	Discard
Tea Hyson - Steeped	RL020	RL020-3	742	
Tea Hyson - Steeped	RL020	RL020-3	705	Discard
Tea Hyson - Steeped	RL020	RL020-3	650	
Tea Hyson - Steeped	RL020	RL020-3	613	
Tea Singlo - Raw	RL021	RL021-1	3312	Discard
Tea Singlo - Raw	RL021	RL021-1	3012	
Tea Singlo - Raw	RL021	RL021-1	2921	Discard

Substance	Sample	Run	Peak	Discard
Tea Singlo - Raw	RL021	RL021-1	2850	Discard
Tea Singlo - Raw	RL021	RL021-1	1735	Discard
Tea Singlo - Raw	RL021	RL021-1	1698	Discard
Tea Singlo - Raw	RL021	RL021-1	1634	
Tea Singlo - Raw	RL021	RL021-1	1606	Discard
Tea Singlo - Raw	RL021	RL021-1	1558	
Tea Singlo - Raw	RL021	RL021-1	1521	
Tea Singlo - Raw	RL021	RL021-1	1500	
Tea Singlo - Raw	RL021	RL021-1	1454	Discard
Tea Singlo - Raw	RL021	RL021-1	1414	
Tea Singlo - Raw	RL021	RL021-1	1371	
Tea Singlo - Raw	RL021	RL021-1	1347	
Tea Singlo - Raw	RL021	RL021-1	1292	
Tea Singlo - Raw	RL021	RL021-1	1246	Discard
Tea Singlo - Raw	RL021	RL021-1	1206	
Tea Singlo - Raw	RL021	RL021-1	1145	
Tea Singlo - Raw	RL021	RL021-1	1096	
Tea Singlo - Raw	RL021	RL021-1	1032	
Tea Singlo - Raw	RL021	RL021-1	992	
Tea Singlo - Raw	RL021	RL021-1	931	
Tea Singlo - Raw	RL021	RL021-1	910	Discard
Tea Singlo - Raw	RL021	RL021-1	876	
Tea Singlo - Raw	RL021	RL021-1	824	
Tea Singlo - Raw	RL021	RL021-1	790	
Tea Singlo - Raw	RL021	RL021-1	760	Discard
Tea Singlo - Raw	RL021	RL021-1	745	
Tea Singlo - Raw	RL021	RL021-1	723	
Tea Singlo - Raw	RL021	RL021-1	668	
Tea Singlo - Raw	RL021	RL021-1	653	
Tea Singlo - Raw	RL021	RL021-1	610	
Tea Singlo - Raw	RL021	RL021-2	3324	Discard
Tea Singlo - Raw	RL021	RL021-2	3015	
Tea Singlo - Raw	RL021	RL021-2	2921	Discard
Tea Singlo - Raw	RL021	RL021-2	2847	Discard
Tea Singlo - Raw	RL021	RL021-2	1732	Discard
Tea Singlo - Raw	RL021	RL021-2	1692	
Tea Singlo - Raw	RL021	RL021-2	1637	
Tea Singlo - Raw	RL021	RL021-2	1606	Discard
Tea Singlo - Raw	RL021	RL021-2	1551	
Tea Singlo - Raw	RL021	RL021-2	1503	
Tea Singlo - Raw	RL021	RL021-2	1457	Discard
Tea Singlo - Raw	RL021	RL021-2	1417	

Substance	Sample	Run	Peak	Discard
Tea Singlo - Raw	RL021	RL021-2	1365	
Tea Singlo - Raw	RL021	RL021-2	1338	
Tea Singlo - Raw	RL021	RL021-2	1292	
Tea Singlo - Raw	RL021	RL021-2	1237	
Tea Singlo - Raw	RL021	RL021-2	1194	
Tea Singlo - Raw	RL021	RL021-2	1142	
Tea Singlo - Raw	RL021	RL021-2	1032	
Tea Singlo - Raw	RL021	RL021-2	931	
Tea Singlo - Raw	RL021	RL021-2	870	
Tea Singlo - Raw	RL021	RL021-2	824	
Tea Singlo - Raw	RL021	RL021-2	763	Discard
Tea Singlo - Raw	RL021	RL021-2	748	
Tea Singlo - Raw	RL021	RL021-2	723	
Tea Singlo - Raw	RL021	RL021-2	671	
Tea Singlo - Raw	RL021	RL021-2	653	
Tea Singlo - Raw	RL021	RL021-2	610	
Tea Singlo - Raw	RL021	RL021-3	3315	Discard
Tea Singlo - Raw	RL021	RL021-3	3015	
Tea Singlo - Raw	RL021	RL021-3	2927	Discard
Tea Singlo - Raw	RL021	RL021-3	2853	Discard
Tea Singlo - Raw	RL021	RL021-3	1735	Discard
Tea Singlo - Raw	RL021	RL021-3	1698	Discard
Tea Singlo - Raw	RL021	RL021-3	1646	
Tea Singlo - Raw	RL021	RL021-3	1631	
Tea Singlo - Raw	RL021	RL021-3	1616	
Tea Singlo - Raw	RL021	RL021-3	1551	
Tea Singlo - Raw	RL021	RL021-3	1521	
Tea Singlo - Raw	RL021	RL021-3	1500	
Tea Singlo - Raw	RL021	RL021-3	1451	
Tea Singlo - Raw	RL021	RL021-3	1417	
Tea Singlo - Raw	RL021	RL021-3	1368	
Tea Singlo - Raw	RL021	RL021-3	1350	
Tea Singlo - Raw	RL021	RL021-3	1292	
Tea Singlo - Raw	RL021	RL021-3	1237	
Tea Singlo - Raw	RL021	RL021-3	1194	
Tea Singlo - Raw	RL021	RL021-3	1151	
Tea Singlo - Raw	RL021	RL021-3	1035	
Tea Singlo - Raw	RL021	RL021-3	1017	
Tea Singlo - Raw	RL021	RL021-3	986	
Tea Singlo - Raw	RL021	RL021-3	885	
Tea Singlo - Raw	RL021	RL021-3	760	Discard
Tea Singlo - Raw	RL021	RL021-3	745	

Substance	Sample	Run	Peak	Discard
Tea Singlo - Raw	RL021	RL021-3	616	
Tea Singlo - Steeped	RL022	RL022-1	3116	
Tea Singlo - Steeped	RL022	RL022-1	2957	Discard
Tea Singlo - Steeped	RL022	RL022-1	2921	Discard
Tea Singlo - Steeped	RL022	RL022-1	2875	Discard
Tea Singlo - Steeped	RL022	RL022-1	2857	Discard
Tea Singlo - Steeped	RL022	RL022-1	1701	Discard
Tea Singlo - Steeped	RL022	RL022-1	1655	
Tea Singlo - Steeped	RL022	RL022-1	1606	Discard
Tea Singlo - Steeped	RL022	RL022-1	1551	
Tea Singlo - Steeped	RL022	RL022-1	1490	
Tea Singlo - Steeped	RL022	RL022-1	1463	Discard
Tea Singlo - Steeped	RL022	RL022-1	1435	
Tea Singlo - Steeped	RL022	RL022-1	1405	
Tea Singlo - Steeped	RL022	RL022-1	1356	
Tea Singlo - Steeped	RL022	RL022-1	1322	
Tea Singlo - Steeped	RL022	RL022-1	1286	
Tea Singlo - Steeped	RL022	RL022-1	1237	
Tea Singlo - Steeped	RL022	RL022-1	910	Discard
Tea Singlo - Steeped	RL022	RL022-1	766	Discard
Tea Singlo - Steeped	RL022	RL022-1	745	
Tea Singlo - Steeped	RL022	RL022-1	619	
Tea Singlo - Steeped	RL022	RL022-2	3119	
Tea Singlo - Steeped	RL022	RL022-2	2954	Discard
Tea Singlo - Steeped	RL022	RL022-2	2927	Discard
Tea Singlo - Steeped	RL022	RL022-2	2875	Discard
Tea Singlo - Steeped	RL022	RL022-2	2853	Discard
Tea Singlo - Steeped	RL022	RL022-2	1704	Discard
Tea Singlo - Steeped	RL022	RL022-2	1658	
Tea Singlo - Steeped	RL022	RL022-2	1600	Discard
Tea Singlo - Steeped	RL022	RL022-2	1551	
Tea Singlo - Steeped	RL022	RL022-2	1487	
Tea Singlo - Steeped	RL022	RL022-2	1460	Discard
Tea Singlo - Steeped	RL022	RL022-2	1429	
Tea Singlo - Steeped	RL022	RL022-2	1402	
Tea Singlo - Steeped	RL022	RL022-2	1359	
Tea Singlo - Steeped	RL022	RL022-2	1328	
Tea Singlo - Steeped	RL022	RL022-2	1283	
Tea Singlo - Steeped	RL022	RL022-2	1237	
Tea Singlo - Steeped	RL022	RL022-2	907	Discard
Tea Singlo - Steeped	RL022	RL022-2	763	Discard
Tea Singlo - Steeped	RL022	RL022-2	745	

Substance	Sample	Run	Peak	Discard
Tea Singlo - Steeped	RL022	RL022-2	616	
Tea Singlo - Steeped	RL022	RL022-3	2960	Discard
Tea Singlo - Steeped	RL022	RL022-3	2924	Discard
Tea Singlo - Steeped	RL022	RL022-3	2857	Discard
Tea Singlo - Steeped	RL022	RL022-3	2364	
Tea Singlo - Steeped	RL022	RL022-3	1704	Discard
Tea Singlo - Steeped	RL022	RL022-3	1655	
Tea Singlo - Steeped	RL022	RL022-3	1603	Discard
Tea Singlo - Steeped	RL022	RL022-3	1551	
Tea Singlo - Steeped	RL022	RL022-3	1490	
Tea Singlo - Steeped	RL022	RL022-3	1460	Discard
Tea Singlo - Steeped	RL022	RL022-3	1429	
Tea Singlo - Steeped	RL022	RL022-3	1362	
Tea Singlo - Steeped	RL022	RL022-3	1286	
Tea Singlo - Steeped	RL022	RL022-3	916	
Tea Singlo - Steeped	RL022	RL022-3	766	Discard
Tea Singlo - Steeped	RL022	RL022-3	607	
Tea Congou - Raw	RL023	RL023-1	3358	Discard
Tea Congou - Raw	RL023	RL023-1	3122	
Tea Congou - Raw	RL023	RL023-1	2954	Discard
Tea Congou - Raw	RL023	RL023-1	2921	Discard
Tea Congou - Raw	RL023	RL023-1	2847	Discard
Tea Congou - Raw	RL023	RL023-1	1735	Discard
Tea Congou - Raw	RL023	RL023-1	1704	Discard
Tea Congou - Raw	RL023	RL023-1	1658	
Tea Congou - Raw	RL023	RL023-1	1606	Discard
Tea Congou - Raw	RL023	RL023-1	1555	
Tea Congou - Raw	RL023	RL023-1	1487	
Tea Congou - Raw	RL023	RL023-1	1463	Discard
Tea Congou - Raw	RL023	RL023-1	1414	
Tea Congou - Raw	RL023	RL023-1	1380	Discard
Tea Congou - Raw	RL023	RL023-1	1365	
Tea Congou - Raw	RL023	RL023-1	1289	
Tea Congou - Raw	RL023	RL023-1	1237	
Tea Congou - Raw	RL023	RL023-1	897	Discard
Tea Congou - Raw	RL023	RL023-1	760	Discard
Tea Congou - Raw	RL023	RL023-1	751	Discard
Tea Congou - Raw	RL023	RL023-1	610	
Tea Congou - Raw	RL023	RL023-2	3343	Discard
Tea Congou - Raw	RL023	RL023-2	3116	
Tea Congou - Raw	RL023	RL023-2	2957	Discard
Tea Congou - Raw	RL023	RL023-2	2918	Discard

Substance	Sample	Run	Peak	Discard
Tea Congou - Raw	RL023	RL023-2	2850	Discard
Tea Congou - Raw	RL023	RL023-2	2731	Discard
Tea Congou - Raw	RL023	RL023-2	1701	Discard
Tea Congou - Raw	RL023	RL023-2	1655	
Tea Congou - Raw	RL023	RL023-2	1610	
Tea Congou - Raw	RL023	RL023-2	1555	
Tea Congou - Raw	RL023	RL023-2	1493	Discard
Tea Congou - Raw	RL023	RL023-2	1460	Discard
Tea Congou - Raw	RL023	RL023-2	1414	
Tea Congou - Raw	RL023	RL023-2	1383	
Tea Congou - Raw	RL023	RL023-2	1365	
Tea Congou - Raw	RL023	RL023-2	1325	
Tea Congou - Raw	RL023	RL023-2	1286	
Tea Congou - Raw	RL023	RL023-2	1240	
Tea Congou - Raw	RL023	RL023-2	1191	
Tea Congou - Raw	RL023	RL023-2	1148	
Tea Congou - Raw	RL023	RL023-2	1026	
Tea Congou - Raw	RL023	RL023-2	971	
Tea Congou - Raw	RL023	RL023-2	894	Discard
Tea Congou - Raw	RL023	RL023-2	760	Discard
Tea Congou - Raw	RL023	RL023-2	748	
Tea Congou - Raw	RL023	RL023-2	616	
Tea Congou - Raw	RL023	RL023-3	3349	Discard
Tea Congou - Raw	RL023	RL023-3	3122	
Tea Congou - Raw	RL023	RL023-3	2954	Discard
Tea Congou - Raw	RL023	RL023-3	2918	Discard
Tea Congou - Raw	RL023	RL023-3	2853	Discard
Tea Congou - Raw	RL023	RL023-3	2731	Discard
Tea Congou - Raw	RL023	RL023-3	1698	Discard
Tea Congou - Raw	RL023	RL023-3	1655	
Tea Congou - Raw	RL023	RL023-3	1606	Discard
Tea Congou - Raw	RL023	RL023-3	1551	
Tea Congou - Raw	RL023	RL023-3	1490	
Tea Congou - Raw	RL023	RL023-3	1457	Discard
Tea Congou - Raw	RL023	RL023-3	1414	
Tea Congou - Raw	RL023	RL023-3	1380	Discard
Tea Congou - Raw	RL023	RL023-3	1368	
Tea Congou - Raw	RL023	RL023-3	1292	
Tea Congou - Raw	RL023	RL023-3	1243	
Tea Congou - Raw	RL023	RL023-3	1194	
Tea Congou - Raw	RL023	RL023-3	1151	
Tea Congou - Raw	RL023	RL023-3	1029	

Substance	Sample	Run	Peak	Discard
Tea Congou - Raw	RL023	RL023-3	971	
Tea Congou - Raw	RL023	RL023-3	891	Discard
Tea Congou - Raw	RL023	RL023-3	763	Discard
Tea Congou - Raw	RL023	RL023-3	748	
Tea Congou - Raw	RL023	RL023-3	616	
Tea Congou - Steeped	RL024	RL024-1	3343	Discard
Tea Congou - Steeped	RL024	RL024-1	3297	Discard
Tea Congou - Steeped	RL024	RL024-1	3248	Discard
Tea Congou - Steeped	RL024	RL024-1	3199	
Tea Congou - Steeped	RL024	RL024-1	3110	
Tea Congou - Steeped	RL024	RL024-1	3025	Discard
Tea Congou - Steeped	RL024	RL024-1	2954	Discard
Tea Congou - Steeped	RL024	RL024-1	2924	Discard
Tea Congou - Steeped	RL024	RL024-1	2872	Discard
Tea Congou - Steeped	RL024	RL024-1	2853	Discard
Tea Congou - Steeped	RL024	RL024-1	2728	Discard
Tea Congou - Steeped	RL024	RL024-1	2673	
Tea Congou - Steeped	RL024	RL024-1	2652	
Tea Congou - Steeped	RL024	RL024-1	2621	
Tea Congou - Steeped	RL024	RL024-1	2575	
Tea Congou - Steeped	RL024	RL024-1	2496	
Tea Congou - Steeped	RL024	RL024-1	2261	
Tea Congou - Steeped	RL024	RL024-1	1768	
Tea Congou - Steeped	RL024	RL024-1	1695	Discard
Tea Congou - Steeped	RL024	RL024-1	1646	
Tea Congou - Steeped	RL024	RL024-1	1600	Discard
Tea Congou - Steeped	RL024	RL024-1	1545	
Tea Congou - Steeped	RL024	RL024-1	1490	
Tea Congou - Steeped	RL024	RL024-1	1454	Discard
Tea Congou - Steeped	RL024	RL024-1	1426	
Tea Congou - Steeped	RL024	RL024-1	1405	
Tea Congou - Steeped	RL024	RL024-1	1356	
Tea Congou - Steeped	RL024	RL024-1	1325	
Tea Congou - Steeped	RL024	RL024-1	1286	
Tea Congou - Steeped	RL024	RL024-1	1234	
Tea Congou - Steeped	RL024	RL024-1	1139	
Tea Congou - Steeped	RL024	RL024-1	1069	
Tea Congou - Steeped	RL024	RL024-1	1029	
Tea Congou - Steeped	RL024	RL024-1	977	
Tea Congou - Steeped	RL024	RL024-1	968	
Tea Congou - Steeped	RL024	RL024-1	928	
Tea Congou - Steeped	RL024	RL024-1	803	

Substance	Sample	Run	Peak	Discard
Tea Congou - Steeped	RL024	RL024-1	763	Discard
Tea Congou - Steeped	RL024	RL024-1	742	
Tea Congou - Steeped	RL024	RL024-1	702	Discard
Tea Congou - Steeped	RL024	RL024-1	644	
Tea Congou - Steeped	RL024	RL024-1	613	
Tea Congou - Steeped	RL024	RL024-2	3343	Discard
Tea Congou - Steeped	RL024	RL024-2	3116	
Tea Congou - Steeped	RL024	RL024-2	2954	Discard
Tea Congou - Steeped	RL024	RL024-2	2930	Discard
Tea Congou - Steeped	RL024	RL024-2	2872	Discard
Tea Congou - Steeped	RL024	RL024-2	2857	Discard
Tea Congou - Steeped	RL024	RL024-2	2728	Discard
Tea Congou - Steeped	RL024	RL024-2	2673	
Tea Congou - Steeped	RL024	RL024-2	2575	
Tea Congou - Steeped	RL024	RL024-2	2361	
Tea Congou - Steeped	RL024	RL024-2	2331	
Tea Congou - Steeped	RL024	RL024-2	1692	
Tea Congou - Steeped	RL024	RL024-2	1646	
Tea Congou - Steeped	RL024	RL024-2	1606	Discard
Tea Congou - Steeped	RL024	RL024-2	1548	
Tea Congou - Steeped	RL024	RL024-2	1484	
Tea Congou - Steeped	RL024	RL024-2	1454	Discard
Tea Congou - Steeped	RL024	RL024-2	1429	
Tea Congou - Steeped	RL024	RL024-2	1402	
Tea Congou - Steeped	RL024	RL024-2	1359	
Tea Congou - Steeped	RL024	RL024-2	1328	
Tea Congou - Steeped	RL024	RL024-2	1289	
Tea Congou - Steeped	RL024	RL024-2	1240	
Tea Congou - Steeped	RL024	RL024-2	1191	
Tea Congou - Steeped	RL024	RL024-2	1133	
Tea Congou - Steeped	RL024	RL024-2	1026	
Tea Congou - Steeped	RL024	RL024-2	971	
Tea Congou - Steeped	RL024	RL024-2	925	
Tea Congou - Steeped	RL024	RL024-2	873	
Tea Congou - Steeped	RL024	RL024-2	763	Discard
Tea Congou - Steeped	RL024	RL024-2	742	
Tea Congou - Steeped	RL024	RL024-2	708	
Tea Congou - Steeped	RL024	RL024-2	647	
Tea Congou - Steeped	RL024	RL024-2	613	
Tea Congou - Steeped	RL024	RL024-3	3346	Discard
Tea Congou - Steeped	RL024	RL024-3	3110	
Tea Congou - Steeped	RL024	RL024-3	2954	Discard

Substance	Sample	Run	Peak	Discard
Tea Congou - Steeped	RL024	RL024-3	2927	Discard
Tea Congou - Steeped	RL024	RL024-3	2872	Discard
Tea Congou - Steeped	RL024	RL024-3	2853	Discard
Tea Congou - Steeped	RL024	RL024-3	2728	Discard
Tea Congou - Steeped	RL024	RL024-3	2673	
Tea Congou - Steeped	RL024	RL024-3	2572	
Tea Congou - Steeped	RL024	RL024-3	2499	
Tea Congou - Steeped	RL024	RL024-3	2358	
Tea Congou - Steeped	RL024	RL024-3	2325	
Tea Congou - Steeped	RL024	RL024-3	1772	
Tea Congou - Steeped	RL024	RL024-3	1701	Discard
Tea Congou - Steeped	RL024	RL024-3	1652	
Tea Congou - Steeped	RL024	RL024-3	1600	Discard
Tea Congou - Steeped	RL024	RL024-3	1487	
Tea Congou - Steeped	RL024	RL024-3	1454	Discard
Tea Congou - Steeped	RL024	RL024-3	1429	
Tea Congou - Steeped	RL024	RL024-3	1399	
Tea Congou - Steeped	RL024	RL024-3	1359	
Tea Congou - Steeped	RL024	RL024-3	1322	
Tea Congou - Steeped	RL024	RL024-3	1289	
Tea Congou - Steeped	RL024	RL024-3	1237	
Tea Congou - Steeped	RL024	RL024-3	1191	
Tea Congou - Steeped	RL024	RL024-3	1163	
Tea Congou - Steeped	RL024	RL024-3	1075	
Tea Congou - Steeped	RL024	RL024-3	1029	
Tea Congou - Steeped	RL024	RL024-3	974	
Tea Congou - Steeped	RL024	RL024-3	928	
Tea Congou - Steeped	RL024	RL024-3	864	
Tea Congou - Steeped	RL024	RL024-3	803	
Tea Congou - Steeped	RL024	RL024-3	742	
Tea Congou - Steeped	RL024	RL024-3	699	Discard
Tea Congou - Steeped	RL024	RL024-3	650	
Tea Congou - Steeped	RL024	RL024-3	616	
Cherry Flesh	RL025	RL025-1	3287	Discard
Cherry Flesh	RL025	RL025-1	2930	Discard
Cherry Flesh	RL025	RL025-1	1710	
Cherry Flesh	RL025	RL025-1	1631	
Cherry Flesh	RL025	RL025-1	1420	
Cherry Flesh	RL025	RL025-1	1353	
Cherry Flesh	RL025	RL025-1	1261	
Cherry Flesh	RL025	RL025-1	1191	
Cherry Flesh	RL025	RL025-1	1148	

Substance	Sample	Run	Peak	Discard
Cherry Flesh	RL025	RL025-1	1059	
Cherry Flesh	RL025	RL025-1	1026	
Cherry Flesh	RL025	RL025-1	919	
Cherry Flesh	RL025	RL025-1	894	Discard
Cherry Flesh	RL025	RL025-1	870	
Cherry Flesh	RL025	RL025-1	818	
Cherry Flesh	RL025	RL025-1	778	
Cherry Flesh	RL025	RL025-1	705	Discard
Cherry Flesh	RL025	RL025-1	641	
Cherry Flesh	RL025	RL025-1	595	
Cherry Flesh	RL025	RL025-2	3287	Discard
Cherry Flesh	RL025	RL025-2	2930	Discard
Cherry Flesh	RL025	RL025-2	1668	
Cherry Flesh	RL025	RL025-2	1628	
Cherry Flesh	RL025	RL025-2	1411	
Cherry Flesh	RL025	RL025-2	1359	
Cherry Flesh	RL025	RL025-2	1255	
Cherry Flesh	RL025	RL025-2	1151	
Cherry Flesh	RL025	RL025-2	1105	
Cherry Flesh	RL025	RL025-2	1026	
Cherry Flesh	RL025	RL025-2	983	
Cherry Flesh	RL025	RL025-2	962	
Cherry Flesh	RL025	RL025-2	916	
Cherry Flesh	RL025	RL025-2	891	Discard
Cherry Flesh	RL025	RL025-2	873	
Cherry Flesh	RL025	RL025-2	818	
Cherry Flesh	RL025	RL025-2	775	
Cherry Flesh	RL025	RL025-2	708	
Cherry Flesh	RL025	RL025-2	641	
Cherry Flesh	RL025	RL025-3	3284	Discard
Cherry Flesh	RL025	RL025-3	2927	Discard
Cherry Flesh	RL025	RL025-3	1713	
Cherry Flesh	RL025	RL025-3	1634	
Cherry Flesh	RL025	RL025-3	1414	
Cherry Flesh	RL025	RL025-3	1350	
Cherry Flesh	RL025	RL025-3	1255	
Cherry Flesh	RL025	RL025-3	1191	
Cherry Flesh	RL025	RL025-3	1154	
Cherry Flesh	RL025	RL025-3	1102	
Cherry Flesh	RL025	RL025-3	1029	
Cherry Flesh	RL025	RL025-3	998	
Cherry Flesh	RL025	RL025-3	891	Discard

Substance	Sample	Run	Peak	Discard
Cherry Flesh	RL025	RL025-3	873	
Cherry Flesh	RL025	RL025-3	818	
Cherry Flesh	RL025	RL025-3	775	
Cherry Flesh	RL025	RL025-3	705	Discard
Cherry Flesh	RL025	RL025-3	632	
Cabbage - Raw	RL026	RL026-1	3287	Discard
Cabbage - Raw	RL026	RL026-1	2921	Discard
Cabbage - Raw	RL026	RL026-1	2853	Discard
Cabbage - Raw	RL026	RL026-1	2368	
Cabbage - Raw	RL026	RL026-1	2328	
Cabbage - Raw	RL026	RL026-1	1631	
Cabbage - Raw	RL026	RL026-1	1521	
Cabbage - Raw	RL026	RL026-1	1457	Discard
Cabbage - Raw	RL026	RL026-1	1414	
Cabbage - Raw	RL026	RL026-1	1356	
Cabbage - Raw	RL026	RL026-1	1264	
Cabbage - Raw	RL026	RL026-1	1020	
Cabbage - Raw	RL026	RL026-1	986	
Cabbage - Raw	RL026	RL026-1	894	Discard
Cabbage - Raw	RL026	RL026-1	818	
Cabbage - Raw	RL026	RL026-1	722	
Cabbage - Raw	RL026	RL026-1	638	
Cabbage - Raw	RL026	RL026-2	3284	Discard
Cabbage - Raw	RL026	RL026-2	2927	Discard
Cabbage - Raw	RL026	RL026-2	2361	
Cabbage - Raw	RL026	RL026-2	2331	
Cabbage - Raw	RL026	RL026-2	1628	
Cabbage - Raw	RL026	RL026-2	1515	
Cabbage - Raw	RL026	RL026-2	1457	Discard
Cabbage - Raw	RL026	RL026-2	1414	
Cabbage - Raw	RL026	RL026-2	1356	
Cabbage - Raw	RL026	RL026-2	1264	
Cabbage - Raw	RL026	RL026-2	1026	
Cabbage - Raw	RL026	RL026-2	992	
Cabbage - Raw	RL026	RL026-2	897	Discard
Cabbage - Raw	RL026	RL026-2	815	
Cabbage - Raw	RL026	RL026-2	772	
Cabbage - Raw	RL026	RL026-2	641	
Cabbage - Raw	RL026	RL026-3	3278	Discard
Cabbage - Raw	RL026	RL026-3	2930	Discard
Cabbage - Raw	RL026	RL026-3	2857	Discard
Cabbage - Raw	RL026	RL026-3	1628	

Substance	Sample	Run	Peak	Discard
Cabbage - Raw	RL026	RL026-3	910	Discard
Cabbage - Raw	RL026	RL026-3	772	
Cabbage - Cooked	RL027	RL027-1	3336	Discard
Cabbage - Cooked	RL027	RL027-1	3012	
Cabbage - Cooked	RL027	RL027-1	2954	Discard
Cabbage - Cooked	RL027	RL027-1	2921	Discard
Cabbage - Cooked	RL027	RL027-1	2869	Discard
Cabbage - Cooked	RL027	RL027-1	2850	Discard
Cabbage - Cooked	RL027	RL027-1	2725	Discard
Cabbage - Cooked	RL027	RL027-1	1738	Discard
Cabbage - Cooked	RL027	RL027-1	1655	
Cabbage - Cooked	RL027	RL027-1	1536	Discard
Cabbage - Cooked	RL027	RL027-1	1457	Discard
Cabbage - Cooked	RL027	RL027-1	1417	
Cabbage - Cooked	RL027	RL027-1	1380	Discard
Cabbage - Cooked	RL027	RL027-1	1362	
Cabbage - Cooked	RL027	RL027-1	1301	
Cabbage - Cooked	RL027	RL027-1	1212	
Cabbage - Cooked	RL027	RL027-1	1169	
Cabbage - Cooked	RL027	RL027-1	998	
Cabbage - Cooked	RL027	RL027-1	974	
Cabbage - Cooked	RL027	RL027-1	900	Discard
Cabbage - Cooked	RL027	RL027-1	763	Discard
Cabbage - Cooked	RL027	RL027-2	3327	Discard
Cabbage - Cooked	RL027	RL027-2	3009	
Cabbage - Cooked	RL027	RL027-2	2954	Discard
Cabbage - Cooked	RL027	RL027-2	2924	Discard
Cabbage - Cooked	RL027	RL027-2	2850	Discard
Cabbage - Cooked	RL027	RL027-2	1738	Discard
Cabbage - Cooked	RL027	RL027-2	1649	
Cabbage - Cooked	RL027	RL027-2	1536	Discard
Cabbage - Cooked	RL027	RL027-2	1463	Discard
Cabbage - Cooked	RL027	RL027-2	1417	
Cabbage - Cooked	RL027	RL027-2	1380	Discard
Cabbage - Cooked	RL027	RL027-2	897	Discard
Cabbage - Cooked	RL027	RL027-2	766	Discard
Cabbage - Cooked	RL027	RL027-3	3346	Discard
Cabbage - Cooked	RL027	RL027-3	3015	
Cabbage - Cooked	RL027	RL027-3	2960	Discard
Cabbage - Cooked	RL027	RL027-3	2927	Discard
Cabbage - Cooked	RL027	RL027-3	2853	Discard
Cabbage - Cooked	RL027	RL027-3	1738	Discard

Substance	Sample	Run	Peak	Discard
Cabbage - Cooked	RL027	RL027-3	1643	
Cabbage - Cooked	RL027	RL027-3	1466	
Cabbage - Cooked	RL027	RL027-3	1377	Discard
Cabbage - Cooked	RL027	RL027-3	910	Discard
Cabbage - Cooked	RL027	RL027-3	769	Discard

Table 7: Use-Wear Analysis, Plates

This table contains all the use-wear data from the imported plates from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, top edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
1.001	2069.AZ	Interior	Rim	Abrasive	Striation	Irregular	High	Indeterminate	25	10
1.003	2058.BJ	Interior	Wall	Abrasive	Striation	Ovaloid	High	Indeterminate	6	5
1.003	2058.BJ	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	5	3
1.004	1045.AR	Interior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
1.004	2139.BY	Interior	Rim	Abrasive	Striation	Irregular	High	Indeterminate		
1.008	2011.BE	Interior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	4	3
1.016	2006.BL	Interior	Rim	Fatigue	Spall	Ovaloid	Mid	Indeterminate	3	3
1.016	2006.BL	Interior	Rim	Fatigue	Spall	Ovaloid	Mid	Indeterminate	5	3
1.016	2006.BL	Interior	Rim	Fatigue	Spall	Ovaloid	Mid	Indeterminate	3	3
1.039	1039.BE	Internal	Wall	Fatigue	Spall	Irregular		Indeterminate	5	3
1.042	2038.CZ	Internal	Base	Abrasive	Striation	Linear	High	Vertical	17	1
1.042	2038.CZ	Internal	Base	Abrasive	Striation	Linear	High	Vertical	22	1
1.042	2114.AL	Internal	Base	Fatigue	Spall	Ovaloid		Indeterminate		10
2.051	1695.AG	Interior	Wall	Fatigue	Spall	Irregular	Mid	Indeterminate		
2.051	1695.AG	Interior	Wall	Fatigue	Spall	Irregular	Mid	Indeterminate		
2.054	2360.BU	Interior	Rim	Fatigue	Spall	Indeterminate		Indeterminate		
2.055	1695.AU	Interior	Rim	Fatigue	Spall	Ovaloid		Indeterminate		
2.057	1026.AU	Exterior	Rim	Abrasive	Striation	n/a	High	Indeterminate		
2.058	1015.AQ	Interior	Rim	Abrasive	Patch	n/a	high	Indeterminate		
2.060	1425.BY	Interior	Rim	Fatigue	Spall	Ovaloid		Indeterminate	3	2
2.060	1425.BY	Interior	Rim	Fatigue	Spall	Ovaloid		Indeterminate	2	2
2.060	1425.BY	Interior	Rim	Fatigue	Spall	Irregular		Indeterminate		
2.060	1713.AV	Interior	Rim	Fatigue	Spall	Ovaloid		Vertical	4	3
2.063	1419.BG	Interior	Rim	Fatigue	Spall	Irregular		Indeterminate	1	1
2.098	2476.AF	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	12	4
2.098	2476.GI	Exterior	Foot Ring	Fatigue	Spall	Irregular	High	Indeterminate		
2.098	2476.GW	Internal	Wall	Fatigue	Spall	Ovaloid		Indeterminate	7	
2.100	1887.HK	Exterior	Foot Ring	Abrasive	Patch	n/a	High	Indeterminate		
2.100	2556.CF	Interior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
2.107	1026.BU	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	3	3

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
2.107	1419.BI	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		
2.107	1863.AO	Exterior	Foot Ring	Abrasive	Patch	n/a	High	Indeterminate		
2.107	2476.GV	Exterior	Foot Ring	Abrasive	Patch	n/a	High	Indeterminate		
2.109	1887.HJ	Interior	Base	Abrasive	Striation	Linear	Mid	Vertical	5	1
2.109	1887.HJ	Interior	Base	Abrasive	Striation	Linear	Mid	Vertical		1
2.130	3370.BV	Internal	Rim	Fatigue	Spall	Irregular		Indeterminate	12	5
3.001	2324.DT	Interior	Base	Abrasive	Striation	Linear	High	Vertical	20	
3.048	3735.BJ	Exterior	Rim	Abrasive	Striation	Indeterminate	High	Indeterminate		
3.049	3442.BH	Interior	Rim	Fatigue	Spall	Irregular		Indeterminate		
3.059	3478.BB	Interior	Wall	Abrasive	Striation	Irregular	Mid	Indeterminate	8	4
3.059	3478.BB	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Indeterminate	4	3
3.059	3478.BB	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Indeterminate	11	3
4.003	1111.AM	Exterior	Rim	Abrasive	Striation	Indeterminate		Indeterminate		
5.004	2758.BG	Exterior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
5.006	2758.BJ	Interior	Rim	Abrasive	Striation	Irregular	High	Indeterminate		
7.007	391.BW	Exterior	Rim	Abrasive	Striation	Indeterminate		Indeterminate		

Table 8: Use-Wear Analysis, Bowls

This table contains all the use-wear data from the imported bowls from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, top edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
1.026	2041.BG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal		6
1.038	1039.BG	Interior	Wall	Fatigue	Spall	Ovaloid		Vertical	3	1
1.038	1039.BG	Interior	Wall	Fatigue	Spall	Ovaloid		Vertical	1	1
1.179	3764.BO	Exterior	Wall	Abrasive	Striation	Ovaloid	Mid	Indeterminate	4	3
1.179	3830.BI	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	5	3
1.179	3830.BI	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	4	3
1.188	1087.BE	Interior	Wall	Fatigue	Spall	Ovaloid		Vertical	7	5
1.188	1087.BE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		3
1.188	1087.BE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	3	2
1.188	1087.BE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	2	1
1.188	1087.BE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	2	1
1.188	1087.BE	Exterior	Wall	Fatigue	Spall	Circular		Indeterminate	2	2
2.047	1026.BK	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	4	
2.047	1026.BK	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	2	1
2.047	1425.DS	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	5	4
2.047	1425.DS	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		
2.047	1425.DS	Exterior	Wall	Fatigue	Spall	Irregular		Indeterminate		
2.047	1887.BT	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	5	4
2.047	2476.HO	Interior	Wall	Fatigue	Spall	Irregular		Indeterminate		
2.126	3354.BW	Interior	Wall	Fatigue	Striation	Irregular		Indeterminate	1	1

Table 9: Use-Wear Analysis, Mugs

This table contains all the use-wear data from the imported mugs from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, top edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
1.022	2049.CM	Exterior	Rim	Abrasive	Striation	Linear	High	Indeterminate		
1.022	2049.CN	Exterior	Foot Ring	Abrasive	Patch	n/a	High	Indeterminate		
1.022	2049.CN	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		
1.023	2167.AV	Interior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	4	3
1.023	2167.AV	Interior	Wall	Fatigue	Spall	Circular		Indeterminate	3	2
1.023	2167.AV	Exterior	Wall	Fatigue	Spall	Indeterminate		Horizontal		
1.023	3810.BS	Exterior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	6	4
1.064	1558.AB	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	10	5
1.064	1558.AB	Interior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		6
2.048	1029.AX	Exterior	Wall	Fatigue	Spall	Indeterminate		Indeterminate		
2.048	1425.DQ	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Indeterminate	7	4
2.048	1436.BX	Exterior	Foot Ring	Abrasive	Patch	Indeterminate	High	Indeterminate		
2.048	1868.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal	12	3
2.048	1868.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal	6	3
2.048	1868.BK	Exterior	Wall	Fatigue	Spall	Ovaloid		Horizontal	10	5
2.048	1868.BK	Exterior	Foot Ring	Abrasive	Patch	Indeterminate	High	Indeterminate		
2.048	2476.GG	Exterior	Foot Ring	Abrasive	Patch	Indeterminate	High	Indeterminate		
2.048	2476.ID	Exterior	Wall	Fatigue	Spall	Ovaloid		Vertical		
2.048	2476.ID	Exterior	Wall	Fatigue	Spall	Irregular		Indeterminate		
3.015	3692.AB	Exterior	Foot Ring	Fatigue	Spall	Irregular		Vertical	5	7
3.015	3692.AB	Exterior	Wall	Fatigue	Spall	Irregular		Indeterminate	7	5
3.015	3692.AB	Exterior	Wall	Fatigue	Spall	Irregular		Indeterminate	10	5
3.015	3692.AB	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	3	3
5.013	2725.AR	Exterior	Rim	Abrasive	Striation	n/a	High	Indeterminate		
6.014	3571.BP	Exterior	Wall	Abrasive	Patch	n/a		Indeterminate		
6.014	3643.DL	Exterior	Wall	Abrasive	Patch	n/a		Indeterminate		
6.015	1228.DU	Interior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		
6.015	1228.DU	Exterior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		5
6.015	3571.BH	Interior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		8
6.015	3571.BO	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	9	5

Table 10: Use-Wear Analysis, Saucers

This table contains all the use-wear data from the imported saucers from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, top edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
1.044	2124.CA	Exterior	Wall	Fatigue	Spall	Ovaloid		Horizontal	5	3
1.044	2159.BC	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	3	2
1.044	2159.BC	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Indeterminate	1	
1.044	2159.BC	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Vertical	4	
1.044	2159.BC	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Vertical	2	
1.044	2159.BC	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Vertical	2	
1.044	2159.BC	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Vertical	3	
1.049	1045.AS	Interior	Wall	Abrasive	Striation	Irregular	Mid	Indeterminate	4	2
1.049	2159.BG	Interior	Wall	Fatigue	Spall	Irregular		Indeterminate	11	4
1.049	2159.BG	Interior	Wall	Fatigue	Spall	Irregular		Indeterminate	12	6
1.054	2014.AU	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	2	2
1.054	2014.AU	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	2	2
1.054	2020.BX	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	1	1
1.055	2023.AV	Exterior	Foot Ring	Abrasive	Patch	n/a	High			
1.055	2023.AV	Exterior	Base	Fatigue	Spall	Ovaloid		Indeterminate	3	3
1.055	2023.AV	Exterior	Foot Ring	Fatigue	Spall	Irregular		Indeterminate		
1.055	2023.AV	Interior	Base	Fatigue	Spall	Irregular		Diagonal	6	5
1.055	2023.AV	Interior	Base	Fatigue	Spall	Ovaloid		Indeterminate	4	3
1.059	2038.CL	Exterior	Wall	Abrasive	Striation	Ovaloid	High	Indeterminate		
1.059	2038.CL	Exterior	Wall	Abrasive	Striation	Linear	Mid	Indeterminate		
1.060	2159.BE	Interior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
1.060	2167.AW	Interior	Rim	Abrasive	Striation	n/a	High	Indeterminate		
1.061	3764.BP	Interior	Wall	Abrasive	Striation	Indeterminate	Low	Horizontal		
1.061	3764.BP	Interior	Wall	Abrasive	Striation	Indeterminate	Low	Diagonal		
1.061	3764.BP	Interior	Wall	Fatigue	Spall	Irregular		Horizontal	12	5
1.063	1470.BV	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Vertical	3	1
1.063	1470.BV	Interior	Wall	Abrasive	Striation	Linear	Mid	Vertical	4	1
1.063	1470.BV	Interior	Wall	Abrasive	Striation	Linear	Mid	Vertical	2	1
1.063	1502.CC	Interior	Wall	Abrasive	Striation	Ovaloid	High	Indeterminate		
1.063	1502.CC	Interior	Wall	Abrasive	Striation	Ovaloid	High	Indeterminate		

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
1.063	1502.CC	Interior	Wall	Abrasive	Striation	Ovaloid	High	Indeterminate		
1.063	1502.CC	Interior	Wall	Abrasive	Striation	Ovaloid	High	Indeterminate		
1.066	1087.AM	Interior	Wall	Abrasion	Striation	Irregular	Indeterminate	Indeterminate		
1.194	34.AA	Interior	Base	Fatigue	Spall	Circular		Indeterminate	5	4
1.194	34.AA	Interior	Base	Fatigue	Spall	Circular		Vertical	2	2
2.075	2476.GH	Interior	Base	Fatigue	Spall	Ovaloid		Vertical	2	1
2.079	2476.BD	Exterior	Base	Fatigue	Spall	Ovaloid		Vertical		
2.089	1425.EC	Interior	Rim	Fatigue	Spall	Linear		Horizontal	2	
2.092	1442.BD	Exterior	Foot Ring	Abrasive	Patch	n/a	High			
2.092	1442.BD	Interior	Base	Fatigue	Spall	Ovaloid		Vertical	2	1
2.092	1442.BD	Exterior	Base	Fatigue	Spall	Irregular		Indeterminate	2	1
2.092	1442.BD	Exterior	Base	Fatigue	Spall	Ovaloid		Indeterminate	2	1
2.092	1442.BD	Exterior	Base	Fatigue	Spall	Ovaloid		Vertical	2	1
2.092	1442.BD	Exterior	Base	Fatigue	Spall	Circular		Indeterminate	1	1
2.092	2367.AR	Interior	Rim	Abrasive	Patch	n/a	High	Horizontal		
2.095	1007.AN	Interior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
2.095	1868.AP	Exterior	Foot Ring	Abrasive	Patch	n/a	High	Indeterminate		
2.095	1868.AU	Exterior	Wall	Fatigue	Spall	Irregular		Indeterminate		
2.095	1887.HC	Exterior	Foot Ring	Abrasive	Patch	n/a	High			
2.095	1887.HC	Interior	Base	Fatigue	Spall	Ovaloid		Vertical	4	3
2.095	1887.HD	Interior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
2.095	2475.GP	Interior	Rim	Abrasive	Patch	n/a	High	Indeterminate		
2.104	1669.AM	Exterior	Rim	Fatigue	Spall	Irregular		Indeterminate		
2.105	1015.AT	Exterior	Rim	Fatigue	Spall	Irregular		Vertical		
2.105	1026.BI	Interior	Wall	Fatigue	Spall	Indeterminate		Indeterminate		

Table 11: Use-Wear Analysis, Teacups

This table contains all the use-wear data from the imported teacups from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, top edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Top Edge	Edge Wear	Orientation	Length	Width
1.052	2020.BW	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Indeterminate	12	
1.065	2049.CP	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	4	2
1.065	3810.BT	Interior	Wall	Abrasive	Striation	Indeterminate	Mid	Indeterminate		
1.173	1084.BB	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	1	1
2.083	3370.BS	Exterior	Wall	Fatigue	Spall	Ovaloid		Horizontal		
2.085	1825.CE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	5	3
2.085	2476.IA	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	9	
2.087	1012.AT	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		
2.087	1887.HW	Exterior	Rim	Abrasive	Striation	n/a	High	Indeterminate		
2.088	1012.AS	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		
2.091	1887.HX	Interior	Wall	Abrasive	Striation	Indeterminate	Low	Horizontal		
2.093	1425.BI	Interior	Rim	Abrasive	Striation	n/a	High	Indeterminate		
2.096	2476.GE	Interior	Wall	Abrasive	Striation	Ovaloid	Low	Indeterminate	9	7
2.114	1868.AJ	Interior	Rim	Fatigue	Spall	Irregular		Indeterminate	10	
2.136	1730.BB	Exterior	Wall	Fatigue	Spall	Ovaloid		Horizontal	6	4
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	2	1
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	2	1
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	2	1
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	2	1
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	1	1
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	1	1
3.006	2338.CG	Interior	Wall	Abrasive	Striation	Ovaloid	Mid	Horizontal	1	1
3.006	2338.CG	Interior	Wall	Fatigue	Spall	Ovaloid		Vertical	4	2
3.056	3481.AH	Exterior	Rim	Fatigue	Spall	Ovaloid		Horizontal	6	3

Table 12: Imported Ceramic Vessels Bought by White Shenandoahans

This table contains all instances of White consumer buying imported ceramics in the merchants' ledgers used for this dissertation (see Chapter 7). Data comes from all ledgers used in this dissertation. "B.C." is Back Creek, "Charles." is Charlestown, "Middle." is Middletown, "Mt. Ol." is Mt. Olive, "Stras." is Strasburg, and "Win." is Winchester.

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Charles.	1795	6/6	?	Bowl (Large)	1	0	2	0	
Charles.	1795	6/6	?	Mug	1	0	2	0	
Charles.	1795	6/6	Wife	Mug	1	0	2	9	
Charles.	1795	6/6	Wife	Mug	1	0	1	6	
Charles.	1795	6/6	?	Plate	1	0	3	0	
Charles.	1795	6/6	?	Teapot	1	0	2	6	
Charles.	1795	6/6	?	Bowl (Large)	2	0	2	4	
Charles.	1795	6/6	?	Bowl (Small)	2	0	5	0	
Charles.	1795	6/6	?	Bowl (Small)	2	0	0	8	
Charles.	1795	6/6	?	Plate	5	0	17	6	
Charles.	1795	6/6	?	Cups and Saucers (China)		0	9	0	
Charles.	1795	6/6	Self	Sugar Dish (China)		0	7	6	
Charles.	1795	6/8	Self	Teapot	1	0	2	3	
Charles.	1795	6/8	Self	Mug	3	0	8	3	
Charles.	1795	6/11	Self	Teapot	1	0	2	6	
Charles.	1795	6/15	Self	Cup		0	0	6	
Charles.	1795	6/15	Self	Mug		0	0	9	
Charles.	1795	6/15	Self	Coffee Cup	1 set	0	5	6	
Charles.	1795	6/15	Self	Salt Cellar	1 set	0	1	6	
Charles.	1795	6/19	Self	Bowl (Large)	1	0	2	6	
Charles.	1795	6/19	Self	Cream Jug	1	0	0	9	
Charles.	1795	6/20	Self	Cups and Saucers		0	1	8	
Charles.	1795	6/24	Wife	Bowl (Small)	3	0	1	3	
Charles.	1795	6/24	Wife	Plate	6	0	2	3	
Charles.	1795	6/25	Self	Mug (China)	1	0	3	0	
Charles.	1795	6/26	Self	Teapot	1	0	2	6	
Charles.	1795	6/27	Wife	Bowl (Large)	1	0	2	0	
Charles.	1795	6/27	Wife	Bowl (Small)	1	0	0	5	
Charles.	1795	6/27	Wife	Mug	1	0	1	0	
Charles.	1795	6/27	Self	Plate	1	0	11	0	
Charles.	1795	6/27	Wife	Mug	4	0	2	8	
Charles.	1795	6/27	Self	Plate	6	0	3	0	
Charles.	1795	6/27	Self	Plate	6	0	3	9	
Charles.	1795	6/27	Wife	Plate	6	0	3	3	
Charles.	1795	6/27	Wife	Plate	6	0	3	3	
Charles.	1795	6/29	Wife	Bowl (China)	2	0	4	4	

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Charles.	1795	6/29	Self	Pickle Shells	6	0	3	0	
Charles.	1795	6/29	Wife	Plate	6	0	2	3	
Charles.	1795	6/29	Wife	Bowl (Large)		0	1	3	
Charles.	1795	7/1	Self	Bowl (Large)	1	0	1	6	
Charles.	1795	7/7	Wife	Plate (Small)	3	0	0	8	
Charles.	1795	7/11	Self	Cream Jug	1	0	0	9	
Charles.	1795	7/11	Self	Cup (China)	1	0	9	0	
Charles.	1795	7/11	Self	Bowl	3	0	2	3	
Charles.	1795	7/11	Self	Salt Cellar	1 pair	0	1	6	
Charles.	1795	7/13	Wife	Cream Jug	1	0	0	9	
Charles.	1795	7/16	Self	Bowl	6	0	2	0	
Charles.	1795	7/22	Wife	Plate	3	0	2	0	
Charles.	1795	7/27	Self	Mug (Pint)	1	0	0	6	
Charles.	1795	7/29	Self	Plate (China)	4	0	6	9	
Charles.	1795	8/4	?	Bowl (Large)	1	0	2	3	
Charles.	1795	8/4	Self	Plate (Large)	6	0	3	0	
Charles.	1795	8/6	Wife	Mug (Pint)	1	0	0	8	
Charles.	1795	8/15	Self	Sugar Dish (China)	1	0	7	0	
Charles.	1795	8/17	Shoe Maker	Bowl (Large)	1	0	2	0	
Charles.	1795	8/17	Shoe Maker	Bowl (Small)	1	0	0	4	
Charles.	1795	8/17	Shoe Maker	Mug (China)	1	0	3	0	
Charles.	1795	8/17	Taylor	Plate	3	0	1	3	
Charles.	1795	8/27	Self	Plate	3	0	1	3	
Charles.	1795	8/28	Self	Cream Jug	1	0	0	8	
Charles.	1795	8/29	Self	Mug	1	0	1	0	
Charles.	1795	8/31	Self	Bowl (China)	1	0	2	4	
Charles.	1795	8/31	Self	Bowl	4	0	3	4	
Charles.	1795	8/31	Self	Plate (Small)	6	0	1	3	
Charles.	1795	9/4	Self	Bowl	2	0	3	0	
Charles.	1795	9/5	Self	Cup	6	0	3	2	
Charles.	1795	9/5	Self	Plate	6	0	2	3	
Charles.	1795	9/12	Self	Mug	1	0	2	0	
Charles.	1795	9/24	Order	Plate (China)	6	0	2	3	
Charles.	1795	10/1	Farmer	Bowl (Large)	1	0	0	9	
Charles.	1795	10/3	Mills, M.	Cups and Saucers (China)		0	9	0	
Charles.	1795	10/6	Self	Bowl (Large)	1	0	2	0	
Charles.	1795	10/6	Self	Bowl (Large, white)	1	0	0	8	
Charles.	1795	10/10	Self	Mug	2	0	0	6	
Charles.	1795	10/10	Self	Plate (Deep)	4	0	2	6	
Charles.	1795	10/10	Self	Plate (small, shallow)	6	0	2	3	
Charles.	1795	10/12	Self	Mug (China)	1	0	3	0	
Charles.	1795	10/16	Brother	Plate	7	0	2	65	

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Charles.	1795	10/21	Self	Plate (Dup?)	4	0	1	6	
Charles.	1795	10/24	Self	Cups and Saucers (China)		0	9	0	
Charles.	1795	10/28	Self	Mug	2	0	2	4	
Charles.	1795	11/2	Self	Plate (Dup?, Large)	2	0	1	0	
Charles.	1795	11/4	Self	Bowl (China)	1	0	5	0	
Charles.	1795	11/7	Wife	Plate	1	0	0	5	
Charles.	1795	11/7	Wife	Plate	1	0	0	5	
Charles.	1795	11/7	Self	Teapot	1	0	2	0	
Charles.	1795	11/11	Brother	Plate	12	0	6	0	
Charles.	1795	12/8	Self	Bowl (Large)	1	0	1	6	
Charles.	1795	12/9	Wife	Bowl (Large)	1	0	2	6	
Charles.	1795	12/16	Self	Tea Kettle	1	0	3	8	
Charles.	1795	12/18	Self	Bowl (Large)	1	0	2	0	
Charles.	1795	12/18	Self	Plate	3	0	1	10	
Charles.	1795	12/19	Self	Plate (Small)	1	0	0	5	
Charles.	1796	6/29	Self	Plate (Queen's ?)	6	0	5	0	
Charles.	1796	7/2	Wilson, George	Cups and Saucers		0	3	3	
Charles.	1796	7/5	Mother	Tea Pot	1	0	1	6	
Charles.	1796	7/7	Self	Cups and Saucers		0	5	6	
Charles.	1796	7/13	Darke, William	Bowl (Small)	3	0	0	9	
Charles.	1796	7/13	Darke, William	Bowl (Large)	4	0	1	0	
Charles.	1796	7/27	Self	Mug (?)	1	0	1	6	
Charles.	1796	7/28	Self	Plate (Large)	3	0	1	0	
Charles.	1796	7/28	Self	Mug (?)	4	0	3	0	
Charles.	1796	8/2	Wife	Cups and Saucers		0	5	0	
Charles.	1796	8/8	Wife	Mug (?)	1	0	1	6	
Charles.	1796	8/9	Self	Cups and Saucers					
Charles.	1796	8/25	Self	Bowl	1	0	1	6	
Charles.	1796	9/1	Self	Bowl	2	0	3	0	
Charles.	1796	9/8	Self	Cups and Saucers		0	2	6	
Charles.	1796	10/1	Son	Tea Pot (? Glazed)	1	0	2	0	
Charles.	1796	10/10	Wife	Bowl (Small)	3	0	2	3	
Charles.	1796	10/13	Wife	Cups and Saucers		0	2	0	
Charles.	1796	10/22	Son	Bowl (Large)	1	0	3	6	
Charles.	1796	10/22	Son	Cups and Saucers		0	6	0	
Charles.	1796	10/24	Self	Cups and Saucers (Chocolate)		0	6	0	
Charles.	1796	10/28	Wife	Plate (? Edged)	6	0	3	9	
Charles.	1796	10/28	Wife	Cups and Saucers		0	2	0	
Charles.	1796	10/29	Wife	Plate	6	0	3	9	
Charles.	1796	11/5	Wife	Bowl (Small)	3	0	2	3	

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Charles.	1796	11/30	Son	Bowl (Large)	1	0	1	6	
Charles.	1796	11/30	Wife	Bowl	2	0	3	0	
Charles.	1796	11/30	Wife	Plate	6	0	2	0	
Charles.	1796	12/2	Self	Bowl (Small)	1	0	0	9	
Charles.	1796	12/2	Sister	Custard Cups	12	0	4	0	
Charles.	1796	12/5	Self	Bowl	1	0	3	0	
Charles.	1796	12/14	Self	Bowl	1	0	1	3	
Charles.	1796	12/14	Son	Tea Pot	1	0	2	0	
Charles.	1796	12/15	Self	Sugar Bowl	1	0	1	0	
Charles.	1796	12/22	Self	Cups and Saucers		0	3	4	
Charles.	1796	12/24	Dean, W.	Plate	12	0	5	0	
Charles.	1796	12/26	Jones, W.	Plate (Soup)	6	0	2	6	
Charles.	1796	12/28	Self	Bowl	1	0	1	6	
Charles.	1796	12/28	Self	Tea Pot	1	0	2	0	
Charles.	1796	12/28	Self	Plate	6	0	3	0	
Charles.	1796	12/28	Self	Cups and Saucers		0	3	3	
Charles.	1796	12/28	Self	Queens ?	1 crate	10	6	7	
Charles.	1796	12/29	Gardner, John	Mug (Pint)	1	0	1	0	
Charles.	1796	12/29	Gardner, John	Mug (Quart)	1	0	1	3	
Charles.	1796	12/29	Gardner, John	Bowl (Small)	6	0	5	0	
Charles.	1797	1/5	Self	Tea Pot (?)	1	0	3	6	
Charles.	1797	1/6	Self	Bowl	1	0	2	6	
Charles.	1797	1/6	Self	Bowl (Large)	1	0	7	0	
Charles.	1797	1/6	Self	Tea Pot	1	0	4	6	
Charles.	1797	1/6	Self	Bowl (Small)	2	0	1	0	
Charles.	1797	1/6	Self	Plate (Green Edged)	6	0	3	9	
Charles.	1797	1/6	Self	Plate (White)	12	0	4	0	
Charles.	1797	1/9	Self	Plate (Large)	6	0	3	6	
Charles.	1797	1/9	Self	Plate (Small)	6	0	2	5	
Charles.	1797	1/9	Self	Cups and Saucers		0	3	3	
Charles.	1797	1/12	Self	Sugar Bowl	1	0	1	0	
Charles.	1797	1/14	Self	Tea Pot (?)	1	0	4	6	
Charles.	1797	2/2	Son	Plate (Green Edged, large)	2	0	10	0	
Charles.	1797	2/3	Self	Bowl	2	0	10	0	
Charles.	1797	2/16	Wife	Cups and Saucers		0	2	3	
Charles.	1797	3/11	Self	Bowl (Small)	2	0	3	0	
Charles.	1797	3/11	Self	Cups and Saucers		0	3	3	
Charles.	1797	3/18	Self	Cups and Saucers		0	2	6	
Charles.	1797	4/25	Daughter	Bowl (Large, white)	1	0	2	6	
Charles.	1797	4/26	William	Plate (Green edged)	4	0	2	4	
Win.	1799	4/13	Self	Cups and Saucers		0	3	0	

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Win.	1799	5/11	Self	Cups and Saucers		0	3	0	
Win.	1799	8/6	Wife	Cream Jug (Black China)	1	0	1	0	
Win.	1799	8/6	Wife	Teapot (Black China)	1	0	4	0	
Win.	1799	8/6	Wife	Plate	3	0	1	3	
Win.	1799	8/8	Wife	Cups and Saucers (Large / White)		0	2	0	
Win.	1799	8/15	Self	Bowl (Small / White)	1	0	0	4.5	
Win.	1799	8/15	Wife	Plate (White)	6	0	2	6	
Win.	1799	8/19	Self	Plate (Large)	3	0	1	3	
Win.	1799	9/17	Self	Plate (Small)	1	0	0	3	
Win.	1799	9/17	Self	Cups and Saucers		0	1	6	
Win.	1799	9/23	Self	Cups and Saucers		0	3	0	
Win.	1799	10/11	Wife	Cups and Saucers (large)		0	3	6	
Win.	1799	11/5	Self	Cups and Saucers		0	3	6	
Win.	1799	11/18	Wife	Cups and Saucers (Large)		0	1	2	
Win.	1799	12/9	Wife	Cups and Saucers (Large)		0	3	6	
Win.	1799	12/11	Wife	Cream Jug (Black China)	1	0	1	6	
Win.	1799	12/11	Wife	Tea Pot (Black China)	1	0	4	0	
Win.	1800	1/13	Self	Plate (Small)	1	0	1	0	
Win.	1800	2/4	Self	Sugar Bowl	1	0	1	3	
Win.	1800	8/5	Wife	Bowl (Mocho)	2	0	2	6	
Win.	1800	8/5	Wife	Bowl (White)	4	0	2	0	
Win.	1800	8/5	Wife	Cups and Saucers (Large)		0	4	0	
Win.	1800	9/24	Wife	Plate (White)	6	0	2	6	
Win.	1800	9/26	Wife	Plate (White)	12	0	5	0	
Win.	1800	9/27	Self	Bowl (Mocho)	1	0	1	3	
Win.	1800	9/27	Self	Bowl (White)	1	0	0	6	
Win.	1800	9/27	Self	Cups and Saucers		0	3	6	
Win.	1800	11/8	Wife	Plate (White)	9	0	5	11	
Win.	1841	9/13	Self	Bowl	3				
Win.	1841	9/13	Self	Cup (Small)	3	0.03			0.09
Win.	1841	9/13	Self	Plate	6				
Win.	1841	9/30	Self	Tea Pot	1				
Win.	1841	10/7	Self	Cups and Saucers	1 set	0.62			0.62
Win.	1841	10/9	Daughter	Dish	1				
Win.	1841	10/15	Self	Cups and Saucers	1 set				
Win.	1841	10/15	Self	Plate	1 set				
Win.	1841	10/19	Lady	Pitcher (Large)	1				
Win.	1841	10/19	Lady	Cups and Saucers	1 set				
Win.	1841	10/19	Lady	Plate	1 set				
Win.	1841	10/21	Self	Butter Plate	2				
Win.	1841	10/21	Self	Mug	2				
Win.	1841	10/30	Self	Cups and Saucers	1 set	0.25			0.25

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Win.	1841	11/12	Self	Dish	1				
Win.	1841	12/22	Self	Saucer	6				
Win.	1842	1/4	Self	Cream Mug	1				
Win.	1842	1/4	Self	Dish	1				
Win.	1842	1/4	Self	Pitcher	1				
Win.	1842	1/4	Self	Sugar Bowl	1				
Win.	1842	1/4	Self	Tea Pot	1				
Win.	1842	1/4	Self	Bowl	3				
Win.	1842	3/29	Son	Cups and Saucers	1 set	0.63			0.63
Win.	1842	4/4	Self	Bowl	1				
Win.	1842	4/4	Self	Chamber Pot	1				
Win.	1842	5/4	Self	Bowl	1				
Win.	1842	5/4	Self	Chamber Pot	1				
Win.	1842	5/17	Wife	Bowl	2				
Win.	1842	5/18	Lady	Cream Mug	1				
Win.	1842	5/18	?	Plate	1 set				
Win.	1842	5/23	Self	Dish	1				
Win.	1842	5/31	Lady	Butter Plate	1				
Win.	1842	5/31	Lady	Bowl	2				
Win.	1842	5/31	Lady	Cups and Saucers	1 set				
Win.	1842	6/1	Self	Bowl	2				
Win.	1842	6/27	Lady	Dish	2				
Win.	1842	6/27	Lady	Bowl	4				
Win.	1842	6/27	Lady	Plate	1 set				
Win.	1842	7/1	Self	Pitcher (Liverpool)	1	0.375			0.375
Win.	1842	7/12	Self	Cups and Saucers	1 set				
Win.	1842	7/16	Lady	Dish (Liverpool)	1				
Win.	1842	8/3	Self	Dish (Large)	1				
Win.	1842	8/3	Self	Plate	1 set				
Win.	1842	8/8	Self	Plate	6				
Win.	1842	8/13	James	Cups and Saucers (China)					1
Win.	1842	9/1	Self	Dish	1				
Win.	1842	9/1	Daughter	Mug (China)	1	0.17			0.17
Win.	1842	9/1	Self	Plate	3				
Win.	1842	11/2	Nutton, John	Dish (Yellow)	3	0.125			0.375
Win.	1842	11/14	Nutton, John	Cups and Saucers	1 set	0.31			0.31
Win.	1843	3/24	Self	Cups and Saucers	1 set				
Win.	1843	5/2	Self	Pitcher (Wash Bowl)	1	1			1
Win.	1843	5/2	Self	Cups and Saucers	1 set	0.25			0.25
Win.	1843	5/2	Self	Plate (Common)	1 set				0.375
Win.	1843	5/2	Self	Plate (Common)	1 set				0.315
Win.	1843	5/13	Wife	Mug	2	0.0825			0.165

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Win.	1843	7/1	Self	Pitcher	1	0.67			0.67
Win.	1843	7/1	Self	Dish	2	0.375			0.75
Win.	1843	7/1	Self	Pitcher (Liverpool)	2	1.25			2.5
Win.	1843	7/1	Self	Pitcher (White ?)	4	0.625			2.5
Win.	1843	7/6	Self	Dish (Large)	1	0.375			0.375
Win.	1843	7/6	Self	Bowl (Common)	6	0.0625			0.375
Win.	1843	7/6	Self	Plate (Common)	6				0.25
Win.	1843	7/6	Self	Plate (Edged)	6				0.375
Win.	1843	7/6	Self	Cups and Saucers	1 set	0.25			0.25
Win.	1843	7/11	Wife	Dish	4	0.2375			0.95
Win.	1844	4/13	Self	Cream Jug	1	0.125			0.125
Win.	1844	4/13	Self	Butter Plate	2	0.085			0.17
Win.	1844	4/13	Self	Dish	2	0.25			0.5
Win.	1844	4/13	Self	Cups and Saucers	1 set	0.25			0.25
Win.	1844	4/13	Self	Plate (Liverpool)	1 set				0.5625
Win.	1844	9/20	Self	Mug (?)	1	0.25			0.25
Win.	1844	12/23	Son	Bowl (Liverpool, Blue)	1	0.125			0.125
Win.	1845	1/4	Wife	Bowl	1	0.1			0.1
Win.	1845	1/4	Wife	Plate	1 set				0.5
Win.	1845	1/11	Wife	Plate (Cup Plates)	5				0.2
Win.	1845	3/12	?	Plate (Edged)	2				0.4
Win.	1845	6/21	Wife	Dish	1	0.125			0.125
Win.	1845	6/21	Wife	Bowl	2	0.0625			0.125
Win.	1845	6/21	Wife	Cups and Saucers (Liverpool)	1 set	0.625			0.625
Win.	1845	6/21	Wife	Plate (Liverpool)	1 set				0.625
Stras.	1845	10/18	Self	Chamber Pot	1	0.25			0.25
Stras.	1845	10/21	Self	Chamber Pot	2	0.25			0.5
Stras.	1845	11/4	Son	Cups and Saucers	1 set	0.25			0.25
Stras.	1845	11/13	Self	Butter Plate	2	0.0833			0.1666
Stras.	1845	11/15	Self	Pitcher	1	0.333			0.333
Stras.	1845	11/15	Self	Plate	1 set				0.25
Stras.	1845	11/24	Wife	Dish (Edged)	1	0.4			0.4
Stras.	1845	11/24	Wife	Tea Pot	1	0.25			0.25
Stras.	1845	11/24	Self	Mug	2	0.05			0.1
Stras.	1845	11/24	Wife	Plate	1 set				0.375
Stras.	1845	12/13	Servant	Washbowl and Ewer (CC)	1	0.625			0.625
Stras.	1845	12/13	Self	Chamber Pot	2	0.25			0.5
Stras.	1846	1/13	Wife	Pitcher	2	0.375			0.75
Stras.	1846	1/19	Self	Plate (Edged)	1 set				0.315
Stras.	1846	2/4	Daughter	Plate (Edged)	1 set				0.3125
Stras.	1846	2/9	Self	Bowl (Liverpool)	1	0.17			0.17
Stras.	1846	2/26	Wife	Pitcher	1	0.333			0.333

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Stras.	1846	2/26	Wife	Plate	1				0.2
Stras.	1846	2/26	Wife	Plate	1				0.17
Stras.	1846	3/16	Self	Bowl	2	0.09375			0.1875
Stras.	1846	3/16	Self	Dish	2	0.1875			0.375
Stras.	1846	3/16	Self	Plate (Edged)	2				0.125
Stras.	1846	3/16	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1846	3/16	Self	Plate (Edged)	1 set				0.3125
Stras.	1846	3/26	Daughter	Chamber Pot	1	0.25			0.25
Stras.	1846	4/10	Self	Pitcher (White)	1	0.25			0.25
Stras.	1846	4/30	Self	Sugar Bowl	1	0.5			0.5
Stras.	1846	5/4	Self	Plate (Cup)	1 set				0.2
Stras.	1846	5/4	Self	Plate	2 sets				0.875
Stras.	1846	5/7	Self	Dish (Deep)	2	0.25			0.5
Stras.	1846	5/7	Self	Dish (Large)	2	0.34375			0.6875
Stras.	1846	5/8	Daughter	Cream Mug	1	0.1			0.1
Stras.	1846	5/8	Daughter	Plate (Small)	2				0.17
Stras.	1846	5/15	Wife	Plate (Liverpool)	12				1.25
Stras.	1846	5/18	Self	Tea Pot	1	0.5			0.5
Stras.	1846	5/18	Self	Cups and Saucers	1 set	0.5			0.5
Stras.	1846	6/1	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1846	6/15	Self	Pitcher (White)	1	0.5			0.5
Stras.	1846	6/15	Self	Mug	6	0.1			0.6
Stras.	1846	6/16	Wife	Bowl (Liverpool)	1	0.125			0.125
Stras.	1846	6/16	Wife	Sugar Bowl	1	0.2			0.2
Stras.	1846	6/16	Wife	Mug (Small)	2	0.0625			0.125
Stras.	1846	6/16	Wife	Mug	3	0.083333333			0.25
Stras.	1846	6/18	Self	Plate (Large)	1				0.375
Stras.	1846	6/18	Self	Plate (Small)	2				0.335
Stras.	1846	6/18	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1846	6/18	Self	Plate	1 set				0.3125
Stras.	1846	6/26	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1846	7/10	Stoner	Plate	1 set				0.25
Stras.	1846	7/11	Wife	Tea Pot	1	0.2			0.2
Stras.	1846	7/23	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1846	9/16	Self	Butter Plate	1	0.085			0.085
Stras.	1846	10/29	Self	Butter Plate	2	0.085			0.17
Stras.	1846	10/29	Wife	Dish	2	0.3125			0.625
Stras.	1846	10/29	Self	Bowl (Liverpool)	3	0.125			0.375
Stras.	1846	10/29	Self	Dish (Deep)	3	0.13			0.39
Stras.	1846	10/29	Wife	Plate (Liverpool)	9				0.94
Stras.	1846	12/2	Wife	Butter Plate (Liverpool)	1	0.085			0.085
Stras.	1846	12/22	Self	Wash Basin	1	0.25			0.25

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Stras.	1846	12/22	Self	Chamber Pot	2	0.25			0.5
Stras.	1846	12/22	Self	Vegetable Dish	2	0.25			0.5
Stras.	1846	12/22	Self	Vegetable Dish	2	0.1875			0.375
Stras.	1846	12/22	Self	Cups and Saucers (Liverpool)	1 set	0.5			0.5
Stras.	1846	12/22	Self	Plate (Edged)	1 set				0.3125
Stras.	1846	12/22	Self	Plate (Liverpool)	1 set				0.625
Stras.	1846	12/24	Self	Bowl	2	0.1125			0.225
Stras.	1846	12/24	Self	Plate (Edged)	1 set				0.3125
Stras.	1846	12/26	Self	Pitcher	1	0.5			0.5
Stras.	1846	12/31	Self	Vegetable Dish	4	0.1875			0.75
Stras.	1847	1/2	Self	Bowl (Liverpool)	1	0.17			0.17
Stras.	1847	1/4	Self	Chamber Pot	2	0.625			1.25
Stras.	1847	1/16	Self	Dish (Liverpool)	5	0.8			4
Stras.	1847	2/8	Self	Plate (Liverpool)	12				1
Stras.	1847	3/6	Self	Dish	1	0.19			0.19
Stras.	1847	3/6	Self	Bowl	2	0.0625			0.125
Stras.	1847	3/19	Wife	Cream Jug	2	0.05			0.1
Stras.	1847	3/19	Wife	Vegetable Dish	2	0.3			0.6
Stras.	1847	4/29	Wife	Dish	1	0.25			0.25
Stras.	1847	5/4	Self	Vegetable Dish	1	0.25			0.25
Stras.	1847	5/29	Self	Dish	2	0.195			0.39
Stras.	1847	5/29	Self	Dish (Deep)	2	0.25			0.5
Stras.	1847	5/29	Self	Plate	1 set				0.5
Stras.	1847	6/15	Wife	Pitcher (White)	1	0.375			0.375
Stras.	1847	6/23	Wife	Cups and Saucers	1 set	0.25			0.25
Stras.	1847	6/28	Wife	Dish (Deep)	2	0.345			0.69
Stras.	1847	6/28	Wife	Dish (Liverpool)	2	0.36			0.72
Stras.	1847	6/28	Wife	Tea Plate	24	0.057291667			1.375
Stras.	1847	6/28	Wife	Plate (Edged)	1 set				0.375
Stras.	1847	7/2	Wife	Dish (Edged)	1	0.17			0.17
Stras.	1847	7/2	Wife	Dish (Edged)	1	0.25			0.25
Stras.	1847	7/14	Wife	Sugar Bowl	1	0.17			0.17
Stras.	1847	7/17	Henry	Dish	2	0.185			0.37
Stras.	1847	7/17	Henry	Plate	1 set				0.25
Stras.	1847	8/16	Self	Plate	1				0.05
Stras.	1847	9/6	Self	Plate (Liverpool)	1 set				0.625
Stras.	1847	10/11	Self	Butter Plate	2	0.085			0.17
Stras.	1847	10/11	Self	Plate (Large)	2				0.84
Stras.	1847	10/12	Self	Plate	1 set				0.375
Stras.	1847	10/15	Self	Pitcher	1	0.55			0.55
Stras.	1847	10/15	Self	Butter Plate	3	0.083333333			0.25
Stras.	1847	10/15	Self	Plate	4				0.25

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Stras.	1847	10/15	Self	Cups and Saucers	1 set	0.75			0.75
Stras.	1847	10/15	Self	Plate (Dinning)	1 set				0.625
Stras.	1847	10/23	Wife	Mug	1	0.0625			0.0625
Stras.	1847	12/2	Self	Pitcher (Liverpool)	1	0.5			0.5
Stras.	1847	12/24	Son	Bowl (Liverpool)	1	0.125			0.125
Stras.	1847	12/24	Son	Plate (Liverpool)	2				1
Stras.	1847	12/25	Self	Dish (Large, Edged)	1	0.5625			0.5625
Stras.	1847	12/29	Son	Plate	2				0.125
Stras.	1848	1/26	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1848	2/3	Wife	Bowl (Liverpool)	1	0.125			0.125
Stras.	1848	2/3	Wife	Cups and Saucers	1 set	0.25			0.25
Stras.	1848	2/3	Wife	Plate (Liverpool)	1 set				0.625
Stras.	1848	2/5	Self	Dish (Edged)	1	0.25			0.25
Stras.	1848	2/19	Wife	Dish	2	0.25			0.5
Stras.	1848	4/3	Son	Plate	2				0.15
Stras.	1848	4/5	Daughter	Bowl (White Wash)	1	0.375			0.375
Stras.	1848	4/5	Daughter	Chamber Pot	1	0.25			0.25
Stras.	1848	4/22	Self	Pitcher (White)	1	0.25			0.25
Stras.	1848	4/29	Daughter	Dish (Edged)	1	0.25			0.25
Stras.	1848	5/24	Mother	Cups and Saucers	1 set	0.25			0.25
Stras.	1848	5/30	Self	Plate	1 set				0.25
Stras.	1848	6/14	Wife	Cups and Saucers	1 set	0.17			0.17
Stras.	1848	6/22	Wife	Cups and Saucers	1 set	0.5			0.5
Stras.	1848	7/8	Self	Wash Bowl and Pitcher	1	0.625			0.625
Stras.	1848	7/10	Servant	Dish (large)	1	0.375			0.375
Stras.	1848	7/31	Self	Plate	3				0.1875
Stras.	1848	8/16	Wife	Cream Jug	1	0.1			0.1
Stras.	1848	8/25	Self	Butter Plate	2	0.085			0.17
Stras.	1848	8/25	Self	Cups and Saucers	1 set	0.25			0.25
Stras.	1848	8/25	Self	Plate	1 set				0.375
Stras.	1848	8/30	Wife	Cups and Saucers	1 set	0.3125			0.3125
Stras.	1848	8/30	Wife	Plate (Common)	1 set				0.25
Stras.	1848	9/7	Wife	Chamber Pot	1	0.315			0.315
Stras.	1848	9/7	Wife	Pitcher	1	0.25			0.25
Stras.	1848	9/8	Wife	Tea Pot (Liverpool)	1	0.5			0.5
Stras.	1848	9/9	Wife	Butter Plate	2	0.0625			0.125
Stras.	1848	9/23	Wife	Butter Plate	3	0.083333333			0.25
Stras.	1848	10/5	Self	Plate (Liverpool)	1 set				0.625
Stras.	1848	10/14	Self	Plate	1				0.125
Stras.	1848	10/21	Self	Pitcher (White)	1	0.25			0.25
Stras.	1848	11/13	Self	Vegetable Dish	1	0.25			0.25
Stras.	1848	11/17	Daughter	Dish (Deep)	1	0.2			0.2

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Stras.	1848	11/17	Daughter	Plate	1 set				0.3125
Stras.	1848	12/2	Self	Dish (Deep)	2	0.2925			0.585
Stras.	1848	12/14	Wife	Wash Pan	1	0.25			0.25
Stras.	1848	12/23	Self	Dish	3	0.096666667			0.29
Stras.	1848	12/23	Self	Plate (Common)	1 set				0.315
Stras.	1849	1/10	Self	Pitcher	1	0.2			0.2
Stras.	1849	1/16	Self	Plate (Liverpool)	1 set				0.75
B.C.	1849	9/20	?	Plate	1				0.04
B.C.	1849	10/12	Self	Dish	2	0.125			0.25
B.C.	1849	10/15	Wife	Cups and Saucers	1 set	0.1875			0.1875
B.C.	1849	10/19	Self	Plate	6				0.375
B.C.	1849	10/19	Self	Cups and Saucers	1 set	0.1875			0.1875
B.C.	1849	10/23	Daughter	Dish	2	0.15			0.3
B.C.	1849	10/25	Self	Chamber Pot (CC)	1	0.25			0.25
B.C.	1849	11/2	Self	Plate	1 set				0.25
B.C.	1849	12/14	Self	Tea Kettle	1	0.75			0.75
B.C.	1849	12/24	Self	Cups and Saucers	1 set	0.625			0.625
B.C.	1850	1/8	Self	Chamber Pot (CC)	1				0.25
B.C.	1850	1/10	Self	Dish? (China)	1				0.34
B.C.	1850	1/28	Self	Cups and Saucers	6				0.625
B.C.	1850	2/14	Self	Cups and Saucers	6				0.625
B.C.	1850	2/18	Self	Dish (?)	1				0.1875
B.C.	1850	2/18	Wife	Dish	2				1
B.C.	1850	2/18	Self	Plate	6				0.625
B.C.	1850	2/26	Self	Tea Pot	1				0.3125
B.C.	1850	3/23	Self	Tea Pot	1				0.3125
B.C.	1850	3/29	Self	Pitcher	1				0.375
B.C.	1850	3/29	Self	Wash Pan	1				0.25
B.C.	1850	4/15	Self	Wash Bowl	1				0.25
B.C.	1850	4/15	Self	Bowl	2				0.125
B.C.	1850	4/15	Self	Cups and Saucers	6				0.62
B.C.	1850	4/15	Self	Plate	6				0.62
B.C.	1850	4/16	Self	Dish	2				0.5
B.C.	1850	4/16	Self	Cups and Saucers	6				0.62
B.C.	1850	4/16	Self	Plate	6				0.25
B.C.	1850	4/16	Self	Plate (Common)	6				0.25
B.C.	1850	4/16	Self	Plate	12				0.565
B.C.	1850	4/16	Self	Plate (Liverpool)	1/2 set				0.315
B.C.	1850	4/16	Self	Cups and Saucers	1 set				0.25
B.C.	1850	4/17	Self	Bowl	2				0.16
B.C.	1850	4/18	Wife	Pitcher (?)	1				0.25
B.C.	1850	4/18	Self	Pitcher (Liverpool)	1				0.375

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
B.C.	1850	4/18	Self	Wash Pan	1				0.25
B.C.	1850	4/18	Self	Bowl	2				0.125
B.C.	1850	4/18	Wife	Plate					0.25
B.C.	1850	4/19	Self	Mug (Liverpool)	3				0.375
B.C.	1850	5/17	Self	Plate (Edged)	6				0.25
B.C.	1850	5/20	Self	Plate (Liverpool)	6				0.625
B.C.	1850	5/22	Self	Tea Kettle	1				0.25
B.C.	1850	5/28	Self	Cups and Saucers	6				0.25
B.C.	1850	5/28	Self	Plate (Liverpool)	12				1.25
B.C.	1850	5/30	Self	Cups and Saucers	6				0.625
B.C.	1850	5/30	Self	Cups and Saucers (Blue)	6				0.75
B.C.	1850	6/13	Self	Butter Plate	1				0.0625
B.C.	1850	6/13	Self	Mug	1				0.125
B.C.	1850	6/14	Self	Pitcher	1				0.375
B.C.	1850	6/14	Self	Cups and Saucers	2				0.08
B.C.	1850	6/14	Self	Plate	3				0.125
B.C.	1850	6/24	Self	Tea Pot (Black)	1				0.3125
B.C.	1850	7/2	Wife	Dish	2				0.5
B.C.	1850	7/2	Wife	Plate	6				0.3125
B.C.	1850	7/4	Self	Bowl	2				0.125
B.C.	1850	7/4	Wife	Bowl	2				0.16
B.C.	1850	7/13	Self	Cups and Saucers	6				0.625
B.C.	1850	7/13	Self	Plate	6				0.625
B.C.	1850	7/17	Self	Cups and Saucers	1 set				0.625
B.C.	1850	7/25	Self	Plate (Liverpool)	12				1.125
B.C.	1850	7/30	Self	Sugar Bowl	1				0.1
B.C.	1850	8/7	Self	Pitcher (Liverpool)	1				0.375
B.C.	1850	8/27	Self	Dish	1				0.3125
B.C.	1850	8/27	Self	Plate	6				0.3125
B.C.	1850	8/30	Self	China	1 set				6
B.C.	1850	10/11	Self	Cup Plates	6				0.31
B.C.	1850	10/13	Self	Chamber Pot	1				0.25
B.C.	1850	10/21	Self	Wash Bowl and Pitcher	1				1.375
B.C.	1850	10/24	Self	Dish	1				0.375
B.C.	1850	10/24	Self	Plate	6				0.75
B.C.	1850	10/28	Wife	Pitcher (Liverpool)	1				0.625
B.C.	1850	10/28	Wife	Tea Pot (Black)	1				0.3175
B.C.	1850	10/28	Wife	Vegetable Dish	1				0.315
B.C.	1850	10/28	Wife	Vegetable Dish	1				0.1875
B.C.	1850	10/28	Wife	Butter Plate	2				0.125
B.C.	1850	10/28	Wife	Chamber Pot (CC)	2				0.5
B.C.	1850	10/28	Wife	Plate	6				0.315

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
B.C.	1850	10/28	Wife	Plate	12				0.25
B.C.	1850	10/28	Wife	Dish	1 pair				0.6
B.C.	1850	10/28	Wife	Dish (Small)	1 pair				0.5
B.C.	1850	10/29	Self	Cream Cup	1				0.12
B.C.	1850	10/29	Wife	Pitcher (Small)	1				0.25
B.C.	1850	10/29	Self	Cups and Saucers	6				0.25
B.C.	1850	10/29	Self	Plate	6				0.25
B.C.	1850	11/16	Self	Chamber Pot (CC)	1				0.25
B.C.	1850	12/13	Self	Sugar Bowl	1				0.1875
B.C.	1851	1/24	Self	Dish (Liverpool)	1				0.42
B.C.	1851	1/24	Self	China	1 set				4.375
B.C.	1851	2/8	Self	Cups and Saucers	12				0.25
B.C.	1851	3/1	Self	Plate	6				0.75
B.C.	1851	3/1	Self	Cups and Saucers	1 set				0.25
B.C.	1851	3/6	Self	Sugar Bowl	1				0.1875
B.C.	1851	3/6	Self	Tea Pot	1				0.25
B.C.	1851	3/6	Self	Bowl	2				0.125
B.C.	1851	3/6	Self	Dish	3				0.5625
B.C.	1851	3/6	Self	Plate	6				0.625
B.C.	1851	3/29	Self	Bowl	4				0.28
B.C.	1851	4/5	Self	Plate	2				0.1
B.C.	1851	4/19	Self	Cups and Saucers	1 set				0.25
B.C.	1851	4/22	Daughter	Plate (Liverpool)	1				0.5
B.C.	1851	4/22	Daughter	Cups and Saucers	6				0.625
B.C.	1851	4/29	Self	Butter Plate	2				0.0625
B.C.	1851	4/29	Self	Cups and Saucers	6				0.25
B.C.	1851	4/30	Wife	Bowl	3				0.1875
B.C.	1851	5/3	Self	Dish (Earthen)	1				0.1
B.C.	1851	5/3	Self	Dish	2				0.5
B.C.	1851	5/16	Self	Salt Cellar	1				0.0625
B.C.	1851	5/16	Self	Cups and Saucers	6				0.25
B.C.	1851	5/20	R?	Cups and Saucers	6				0.625
B.C.	1851	5/29	Wife	Dish (Deep)	1				0.25
B.C.	1851	5/29	Self	Bowl	2				0.17
B.C.	1851	5/29	Self	Cups and Saucers	6				0.25
B.C.	1851	5/29	Self	Plate	6				0.25
B.C.	1851	5/31	Wife	Cups and Saucers	6				0.25
B.C.	1851	6/4	Self	Cups and Saucers	6				0.25
B.C.	1851	6/7	Self	Dish	1 set				2.3
B.C.	1851	6/14	Self	Dish (Earthen)	1				0.1
B.C.	1856	8/18	Self	Plate (Common)	6				0.31
B.C.	1856	10/2	Self	Pitcher (Common)	1				0.375

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
B.C.	1856	10/17	Self	Dish	1				0.25
B.C.	1856	10/17	Self	Cups and Saucers	6				0.3125
B.C.	1856	10/17	Self	Plate	6				0.25
B.C.	1856	10/24	Self	Butter Plate	1				0.04
B.C.	1856	10/24	Self	Cream Cup	1				0.125
B.C.	1856	10/24	Self	Cups and Saucers	6				0.25
B.C.	1856	10/24	Self	Plate	6				0.25
B.C.	1856	11/5	Self	Dish	1				0.25
B.C.	1856	11/5	Self	Dish	2				
B.C.	1856	11/11	Self	Cups and Saucers	1/2 set				0.125
B.C.	1856	11/25	Self	Cups and Saucers	1 set				0.25
B.C.	1857	1/1	Self	Dish (Deep)	1				
B.C.	1857	1/23	Self	Chamber Pot	1				0.125
B.C.	1857	1/23	Self	Plate	3				0.125
B.C.	1857	2/14	Self	Bowl	4				0.32
B.C.	1857	3/9	Self	Pitcher	1				0.5
B.C.	1857	3/21	Self	Tea Pot	1				0.45
B.C.	1857	4/22	Self	Plate	1/2 set				0.16
B.C.	1857	4/24	Self	Bowl	1				0.08
B.C.	1857	4/25	Self	Cups and Saucers (Common)	1 set				0.25
B.C.	1857	4/25	Self	Plate (Common)	1 set				0.3125
B.C.	1857	4/27	Self	Dish	1				0.5
B.C.	1857	4/27	Self	Mug	2				0.375
B.C.	1857	4/27	Self	Cups and Saucers	6				0.25
B.C.	1857	4/27	Self	Plate	1/2 set				0.125
B.C.	1857	4/29	Self	Cups and Saucers	6				0.25
B.C.	1857	5/6	Self	Dish	2				0.621
B.C.	1857	5/6	Self	Bowl	6				0.48
B.C.	1857	5/7	Self	Bowl	1				0.08
B.C.	1857	5/28	Self	Dish	1				0.25
B.C.	1857	6/9	Wife	Plate (Common)	1 set				0.3125
B.C.	1857	6/12	Self	Bowl	5				0.4
B.C.	1857	6/13	Self	Vegetable Plate	2				2
B.C.	1857	6/30	Wife	Plate	2				0.08
B.C.	1857	7/6	Self	Dish (Common)	1				0.28
B.C.	1857	7/6	Self	Dish (Liverpool)	1				0.44
B.C.	1857	7/24	Self	Plate	1 set				0.625
B.C.	1857	7/29	Self	Dish (?)	2				0.56
B.C.	1857	7/29	Self	Plate	2				0.08
B.C.	1857	9/23	Self	Bowl (Store?)	3				0.875
B.C.	1857	10/5	Wife	Plate	1/2 set				0.125
B.C.	1857	10/21	Self	Cream Mug	4				0.5

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
B.C.	1857	10/21	Self	Cups and Saucers	6				0.25
B.C.	1857	10/21	Self	Plate	6				0.3125
B.C.	1857	10/24	Self	Cups and Saucers	1 set				0.25
B.C.	1857	10/27	Self	Cream	2				0.25
B.C.	1857	10/27	Self	Dish	2				0.75
B.C.	1857	11/5	Self	Bowl	1				0.08
B.C.	1857	11/5	Self	Pitcher	1				0.375
B.C.	1857	11/5	Self	Cups and Saucers	1 set				0.25
B.C.	1857	11/5	Self	Plate	1 set				0.625
B.C.	1857	11/5	Self	Plate	1 set				0.25
B.C.	1857	11/7	Self	Pitcher	1				0.45
B.C.	1857	11/7	Self	Dish	2				0.45
B.C.	1857	11/14	Self	Pitcher	1				0.5
B.C.	1857	12/31	Self	Cups and Saucers	1 set				0.375
B.C.	1858	1/4	Self	Cream Mug	1				0.125
B.C.	1858	1/4	Self	Fruit Dish	1				0.1875
B.C.	1858	1/8	Self	Chamber Pot	1				0.375
B.C.	1858	1/27	Self	Fruit Dish	1				0.375
B.C.	1858	2/11	Self	Fruit Dish	2				0.5
B.C.	1858	3/17	Self	Chamber Pot (CC)	1				0.375
B.C.	1858	3/27	Self	Plate	12				0.9
B.C.	1858	4/29	Self	Tea Pot (Black)	1				0.25
B.C.	1858	4/30	Self	Fruit Dish	1				0.22
B.C.	1858	4/30	Self	Butter Plate	2				0.1
B.C.	1858	4/30	Self	Plate (Common)	1/2 set				0.21
B.C.	1858	4/30	Self	Cups and Saucers	1 set				0.25
B.C.	1858	4/30	Self	Plate (White)	1 set				0.5
B.C.	1858	5/6	Self	Cream Mug	1				0.125
B.C.	1858	5/6	Self	Bowl	2				0.16
B.C.	1858	5/6	Self	Cups and Saucers	1 set				0.25
B.C.	1858	5/7	Self	Cups and Saucers	1 set				0.25
B.C.	1858	6/10	Self	Chamber Pot	1				0.16
B.C.	1858	6/18	Self	Cream Mug	1				0.12
B.C.	1858	6/30	Wife	Cups and Saucers (Granite)	6				0.625
B.C.	1858	6/30	Wife	Tea Plate (Granite)	6				0.5
B.C.	1858	7/8	Self	Vegetable Dish	1				0.315
B.C.	1858	7/8	Self	Cups and Saucers	1 set				0.4
B.C.	1858	7/8	Self	Plate	1 set				0.3125
B.C.	1858	7/9	Self	Cream Mug	1				0.125
B.C.	1858	7/11	Self	Vegetable Dish	1				0.3125
B.C.	1858	7/17	Self	Cups and Saucers	1 set				0.375
B.C.	1858	7/24	Self	Dish (Deep)	1				0.25

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
B.C.	1858	7/24	Self	Vegetable Dish	1				0.25
B.C.	1858	7/26	Self	Mug	3				0.27
B.C.	1858	8/4	Self	Plate	4				0.22
B.C.	1858	8/10	Self	Cream Mug	1				0.125
B.C.	1858	10/26	Self	Chamber Pot (Earthenware)	2				0.25
B.C.	1858	10/26	Self	Dish	2				0.4375
B.C.	1858	10/27	Self	Dish	1				0.25
B.C.	1858	10/27	Self	Fruit Dish	2				0.625
B.C.	1858	10/27	Self	Cups and Saucers	6				0.56
B.C.	1858	10/27	Self	Plate (Granite)	6				0.625
B.C.	1858	10/27	Self	Plate (White)	1 set				0.45
B.C.	1858	10/28	Self	Cream Mug	1				0.125
B.C.	1858	10/28	Self	Vegetable Dish	2				0.625
B.C.	1858	10/28	Self	Cups and Saucers	1 set				0.53
B.C.	1858	10/30	Self	Vegetable Dish	1				0.315
B.C.	1858	10/30	Self	Bowl	2				0.16
B.C.	1858	12/3	Self	Bowl	2				0.16
B.C.	1859	3/21	Self	Vegetable Plate	1				0.45
B.C.	1859	3/23	Wife	Cup (Odd)	6				0.125
B.C.	1859	4/29	Self	Bowl	3				0.24
B.C.	1859	4/29	Self	Plate	1 set				0.5
B.C.	1859	5/2	Wife	Cream Mug	1				0.125
B.C.	1859	5/2	Self	Cup (Quart)	1				0.1
B.C.	1859	5/2	Wife	Plate	1/2 set				0.125
B.C.	1859	5/2	Wife	Plate	1 set				0.5
B.C.	1859	5/4	Self	Pitcher	1				0.375
B.C.	1859	5/4	Self	Plate	12				0.625
B.C.	1859	5/7	Self	Cups and Saucers	6				0.25
B.C.	1859	5/18	Wife	Bowl	1				0.08
B.C.	1859	5/25	Wife	Pitcher	1				0.25
B.C.	1859	5/28	Wife	Cups and Saucers	6				0.25
B.C.	1859	5/28	Wife	Plate	12				0.625
B.C.	1859	5/28	Daughter	Cups and Saucers	1 set				0.625
B.C.	1859	5/28	Daughter	Plate	1 set				0.625
B.C.	1859	6/10	Self	Cups and Saucers	1 set				0.25
B.C.	1859	6/11	Self	Vegetable Dish	1				0.3125
B.C.	1859	6/11	Self	Cups and Saucers	6				0.25
B.C.	1859	6/11	Self	Plate	6				0.25
B.C.	1859	6/16	Self	Cream Mug	1				0.125
B.C.	1859	7/1	Self	Pitcher	1				0.25
B.C.	1859	7/6	Self	Pitcher	1				0.34
B.C.	1859	7/16	Self	Pitcher	1				0.25

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
B.C.	1859	8/25	Self	Pitcher	1				0.25
B.C.	1859	8/25	Self	Plate	3				0.1
B.C.	1859	9/15	Self	Cups and Saucers	1 set				0.625
B.C.	1859	10/29	Self	Cups and Saucers	1 set				0.5
B.C.	1859	11/2	Self	Cups and Saucers	1 set				0.25
B.C.	1859	11/28	Self	Dish	2				0.5
B.C.	1859	11/28	Self	Plate	6				0.25
B.C.	1859	12/10	Self	Chamber Pot	1				0.3125
B.C.	1859	12/19	Self	Tea Pot (Black)	1				0.25
B.C.	1859	12/19	Self	Cups and Saucers	12				1.25
White Hall	1860	6/1	Self	Bowl					0.27
White Hall	1860	6/1	Self	Plate					0.47
B.C.	1860	1/6	Self	Plate	6				0.3125
B.C.	1860	1/9	?	Pitcher (White)	1				0.375
B.C.	1860	1/10	Self	Cups and Saucers	1 set				0.5
White Hall	1860	6/14	Mother	Plate	6				0.3
White Hall	1860	6/18	Self	Dish	1				0.31
White Hall	1860	6/18	Self	Plate	1 set				0.6
White Hall	1860	6/21	Self	Plate	1 set				0.3
White Hall	1860	6/23	Self	Plate					0.43
White Hall	1860	9/25	Self	Plate	2 sets				1.25
White Hall	1860	10/10	Self	Plate	1 set				0.48
Mt. Ol.	1860	10/30	Self	Chamber Pot	1				0.375
Mt. Ol.	1860	11/8	Wife	Cups and Saucers	1 set				0.25
Mt. Ol.	1860	11/8	Wife	Plate (Blue Edged)	1 set				0.25
Mt. Ol.	1860	11/10	Self	Cups and Saucers	1 set				0.25
Mt. Ol.	1860	11/10	Self	Plate (White)	1 set				0.315
Mt. Ol.	1860	11/26	Self	Dish (Yellow)	1				0.1
Mt. Ol.	1860	11/26	Self	Cups and Saucers	1 set				0.75
Mt. Ol.	1860	11/28	Self	Bowl and Pitcher	1				1
Mt. Ol.	1860	12/1	Self	Butter Plate	1				0.08
Mt. Ol.	1860	12/1	Self	Plate	1 set				0.3125
Mt. Ol.	1860	12/6	Self	Chamber Pot	1				0.3
Mt. Ol.	1861	1/11	Self	Dish	2				0.5
Mt. Ol.	1861	1/16	Self	Bowl	1				0.06
Mt. Ol.	1861	2/4	Self	Plate	5				0.3125
Mt. Ol.	1861	2/8	Self	Butter Plate	1				0.08
Mt. Ol.	1861	2/8	Self	Cups and Saucers	2 sets				1.5
Mt. Ol.	1861	2/8	Self	Plate	2 sets				1.375
Mt. Ol.	1861	2/14	Self	Cups and Saucers	2 sets				0.5

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
Mt. Ol.	1861	2/28	Self	Bowl	1				0.1
White Hall	1861	3/2	Amanda	Chamber Pot	1				0.5
Mt. Ol.	1861	3/4	Self	Chamber Pot	1				0.35
Mt. Ol.	1861	3/7	Self	Dish (White)	1				0.25
Mt. Ol.	1861	3/19	Self	Dish (Yellow)	1				0.18
Mt. Ol.	1861	3/29	Self	Bowl	3				0.24
White Hall	1861	6/25	Self	Dish	3				0.36
White Hall	1861	6/25	Self	Plate	1 set				0.36
White Hall	1861	7/19	Wife	Plate	1 set				0.5
White Hall	1861	7/22	Self	Cup Plates	12				0.63
White Hall	1861	7/24	Self	Pitcher	1				0.75
White Hall	1861	7/27	Self	Plate					
White Hall	1861	8/27	Self	Plate					
White Hall	1861	9/2	Self	Dish	1				0.3
White Hall	1861	9/2	Self	Plate					0.3
White Hall	1861	9/9	Self	Dish	2				0.98
White Hall	1861	9/10	Self	Plate					0.3
White Hall	1861	9/13	Self	Dish	2				
White Hall	1861	9/13	Self	Bowl					0.75
White Hall	1861	9/13	Wife	Plate					
White Hall	1861	9/24	Self	Bowl					
White Hall	1861	9/24	Self	Dish					
White Hall	1861	9/24	Self	Plate					
White Hall	1861	9/26	Self	Bowl	1				0.25
White Hall	1861	9/26	Self	Plate	1 set				1.25
White Hall	1861	10/9	Son	Pitcher	1				0.4
White Hall	1861	10/9	Wife	Vegetable Plate	2				0.65
White Hall	1861	10/9	Wife	Plate	1 set				0.75
White Hall	1861	10/11	Self	Plate					
White Hall	1861	10/15	Self	Plate	1 set				0.38
White Hall	1861	11/4	Self	China	1 set				8.5
White Hall	1861	11/9	Self	Dish	1				0.35
White Hall	1861	11/9	Self	Pitcher	1				0.25
White Hall	1861	11/9	Self	Pitcher (Wash)	1				0.5

Location	Year	Day	Individual	Type	Amount	Pounds	Shilling	Pence	Dollars
White Hall	1861	11/9	Self	Plate	12				1
White Hall	1861	11/14	Self	Tea Pot	2				1
White Hall	1861	11/14	Self	Plate	1 set				0.6
White Hall	1861	11/16	Self	Dish	2				1.75
White Hall	1861	11/16	Self	Plate	1 set				0.85
White Hall	1862	2/21	Self	Dish	1				0.75
White Hall	1862	2/21	Self	Tea Pot	1				0.75
White Hall	1862	5/14	Self	Cups and Saucers					

Table 13: Glass and Tin Cups Bought by White Shenandoahans
This table lists the glass and tin cups bought by White Shenandoahans. Data from all ledger used in this dissertation except the ledger from James Griffith's White Hall store (Griffith 1862). See Chapter 7 for a complete list of ledgers. "B.C." is Back Creek, "Charles." is Charlestown, "Middle." is Middletown, "Mt. Ol." is Mt. Olive, "Stras." is Strasburg, and "Win." is Winchester.

Location	Year	Day	Account	Item	Type	Amount	Dollars	Shilling	Pence
Charles.	1795	11-Jul	Waters, William	Glassware	Mug	1		3	0
Charles.	1795	11-Jul	Waters, William	Glassware	Mug	1		1	6
Charles.	1795	27-Jun	Blue, Samuel	Glassware	Mug	1		1	6
Charles.	1795	29-Jun	Goldsberry, Edward	Glassware	Mug			1	6
Charles.	1795	1-Jul	Bramhall, James	Glassware	Tumbler	2		1	6
Charles.	1795	13-Jul	Anderson, Mahone	Glassware	Tumbler	1		0	9
Charles.	1795	15-Jul	Anderson, Mahone	Glassware	Tumbler	1		0	9
Charles.	1795	25-Jun	Sewell, David	Glassware	Wine Glass	1		0	9
Charles.	1795	13-Jul	Bramhall, James	Glassware	Wine Glass	1		0	9
Charles.	1795	30-Jun	Briscoe, George	Tinware	Cup (Tin)	2		1	0
Charles.	1795	23-Jun	Craghill, Nathaniel	Tinware	Cup (Tin)	6		3	0
Charles.	1795	24-Jun	Rutherford, Thomas	Tinware	Cup (Tin)	12		6	0
Charles.	1795	29-Jun	Goldsberry, Edward	Tinware	Cup (Tin)	1		0	3
Charles.	1795	6-Jul	Housworth, Isaac	Tinware	Cup (Tin)	3		1	0
Charles.	1796	2-Jul	Douglas, William	Glassware	Tumbler	1		0	9
Charles.	1796	15-Jul	Gaunt, Henry	Glassware	Tumbler	6		4	6
Charles.	1796	19-Jul	Grantum, Joseph	Glassware	Tumbler	2		1	6
Charles.	1796	25-Aug	?, Samuel	Glassware	Tumbler	1		0	8
Charles.	1796	28-Jun	Dill, James M.	Glassware	Tumbler	1		0	9
Charles.	1796	14-Jul	Rutherford, Thomas	Glassware	Tumbler	2		2	9
Charles.	1796	18-Aug	Hall, Thomas	Glassware	Tumbler	1		0	9
Charles.	1796	4-Jul	Hays, Polly	Glassware	Tumbler (Cut Glass)	3		8	3
Charles.	1796	27-Jul	Campbell, John	Glassware	Tumbler (Cut Glass)	1		2	9
Charles.	1796	1-Aug	Ginhies?, Edward	Glassware	Tumbler (Cut Glass)	1		2	9
Charles.	1796	9-Jul	Hill, William (Rev.)	Glassware	Tumbler (Small)	1		0	8

Location	Year	Day	Account	Item	Type	Amount	Dollars	Shilling	Pence
Charles.	1796	10-Sep	Stewart, James	Glassware	Tumbler (Small)	1		0	8
Charles.	1796	18-Jul	Rutherford, Thomas	Glassware	Wine Glasses (Cut Glass)	12		22	6
Charles.	1796	5-Jul	Dust, Philip	Tinware	Cup (Tin)	2		1	0
Charles.	1796	29-Jun	Goodman, John	Tinware	Cup (Tin)	3		1	6
Charles.	1796	29-Jun	Harper, Ebenezer	Tinware	Cup (Tin)	6		3	0
Charles.	1796	30-Jul	Darke, Gen.	Tinware	Cup (Tin)	12		6	0
Charles.	1796	30-Jun	Sollers, William	Tinware	Cup (Tin)	2		1	0
Charles.	1796	1-Jul	Cowen, David	Tinware	Cup (Tin)	1		0	6
Charles.	1796	28-Jul	Bountain, William	Tinware	Cup (Tin)	2		1	0
Win.	1800	18-Oct	Sagatey, Peter	Glassware	Wine Glasses	2		1	0
Win.	1799	25-Apr	Reed, George	Tinware	Cup (Tin)	12		5	0
Win.	1799	16-May	Reed, George	Tinware	Cup (Tin)	24		10	0
Win.	1799	5-Nov	Sensenich, John	Tinware	Cup (Tin)	3		1	6
Win.	1800	5-May	Beall, Cephas	Tinware	Cup (Tin)	2		1	0
Win.	1800	12-May	Singhaas, Christian	Tinware	Cup (Tin)	2		1	0
Win.	1800	27-Jun	Garnett, Martin	Tinware	Cup (Tin)	4		2	0
Win.	1800	27-Sep	Groves, Adam	Tinware	Cup (Tin)	1		0	6
Win.	1799	10-Jun	Garnett, Martin	Tinware	Cup (Tin)	4		2	0
Win.	1800	3-Mar	Brown, John	Tinware	Cup (Tin)	1		0	6
Win.	1800	4-Jan	Brown, John	Tinware	Cup (Tin, Small)	2		0	9
Win.	1800	19-Jul	Groves, Adam	Tinware	Cup (Tin, Small)	1		0	4
Win.	1841	30-Jun	Cather, James	Tinware	Cup (Tin)	3			
Win.	1841	13-Nov	Cather, Washington	Tinware	Cup (Tin)	2			
Win.	1842	4-May	Loatz?, George	Tinware	Cup (Tin)	1			
Win.	1843	2-May	Buchus?, David	Glassware	Tumbler	1 set	1		
Win.	1843	6-Jul	Smithfield, Patrick	Tinware	Cup (Tin)	6	0.375		
Stras.	1846	19-Feb	Sonner, Samuel	Glassware	Glasses	6	0.29		
Stras.	1845	22-Oct	Beeler, John	Glassware	Glasses	4	0.335		
Stras.	1846	5-May	Spangler, Amos	Glassware	Tumbler	6	0.375		
Stras.	1846	7-May	Grove, Henry	Glassware	Tumbler	4	0.25		
Stras.	1846	16-Mar	Eberly, Jacob	Tinware	Cup (Tin)	2	0.125		

Location	Year	Day	Account	Item	Type	Amount	Dollars	Shilling	Pence
Stras.	1846	9-May	Bowman, George	Tinware	Cup (Tin)	1	0.0625		
Stras.	1846	13-Jun	Schultz, Benjamin	Tinware	Cup (Tin)	2	0.125		
Stras.	1846	19-Jun	Grove, Henry	Tinware	Cup (Tin)	1	0.0625		
Stras.	1846	6-May	Whetzel, Henry	Tinware	Cup (Tin)	4	0.25		
Stras.	1846	23-Jul	Funkhouser, George	Tinware	Tumbler (Tin)	2	0.125		
Stras.	1848	16-Jun	Spengler, Amos	Glassware	Tumbler	3	0.5625		
Stras.	1847	19-Jun	Perimman?, John	Glassware	Tumbler	3	0.3		
Stras.	1847	11-Oct	Sonner, Samuel	Glassware	Tumbler	6	0.375		
Stras.	1847	28-Jun	Grove, Henry	Glassware	Tumbler	4	0.25		
Stras.	1848	3-May	Grove, Henry	Glassware	Tumbler	2	0.2		
Stras.	1848	8-Sep	Grove, Henry	Glassware	Tumbler	4	0.56		
Stras.	1847	11-Oct	Sonner, Samuel	Tinware	Cup (Tin)	1	0.0625		
Stras.	1847	11-Mar	Miler, Thomas (Doc.)	Tinware	Cup (Tin)	3	0.1875		
Stras.	1849	2-Jan	Bell, Samuel	Tinware	Cup (Tin)	2	0.125		
Stras.	1848	2-Dec	Whetzel, Henry	Tinware	Tumbler (Tin)	2	0.125		
B.C.	1849	25-Sep	Anderson, George	Glassware	Tumbler	4	0.25		
B.C.	1850	16-Apr	Lockhart, Josiah	Glassware	Tumbler	6	0.75		
B.C.	1849	6-Nov	Anderson, George	Tinware	Cup (Tin)	1	0.04		
B.C.	1850	27-Jun	Allen, Robert	Tinware	Cup (Tin)	2	0.125		
B.C.	1850	27-Jun	Anderson, Joshua	Tinware	Cup (Tin)	4	0.25		
B.C.	1850	29-Jun	Sine?, Christe	Tinware	Cup (Tin)	2	0.125		
B.C.	1850	31-Aug	Lockhart, G?	Tinware	Cup (Tin)	1	0.04		
B.C.	1850	4-Jun	Cather, James	Tinware	Cup (Tin)	3	0.175		
B.C.	1856	2-Oct	Cather, William	Tinware	Cup (Tin)	2	0.125		
B.C.	1857	10-Mar	Kerns, James	Tinware	Cup (Tin)	1	0.0625		
B.C.	1857	29-Apr	Rinehart, Charles	Tinware	Cup (Tin)	1	0.0625		
B.C.	1857	6-Jul	Smith, Thomas	Tinware	Cup (Tin)	1	0.0625		
B.C.	1857	20-Jul	?, Jacob	Tinware	Cup (Tin)	2	0.125		
B.C.	1857	21-Jul	Hix, David	Tinware	Cup (Tin)	1	0.04		
B.C.	1858	21-Feb	Kerns, William	Tinware	Cup (Tin)	2	0.125		
B.C.	1858	6-Apr	Wingfield?, Samuel	Tinware	Cup (Tin)	1	0.0625		

Location	Year	Day	Account	Item	Type	Amount	Dollars	Shilling	Pence
B.C.	1858	15-Apr	Rinehart, Charles	Tinware	Cup (Tin)	2	0.125		
B.C.	1858	3-Dec	Giffin, Bart	Tinware	Cup (Tin)	2	0.125		
B.C.	1859	22-Mar	Anderson, Asa	Tinware	Cup (Tin)	1	0.0625		
B.C.	1859	22-Apr	Whitacre, Bedwell	Tinware	Cup (Tin)	4	0.25		
B.C.	1859	30-Jun	Dent, George	Tinware	Cup (Tin)	2	0.125		
B.C.	1859	1-Jul	Whitacre, Sidwell?	Tinware	Cup (Tin)	1	0.03		
B.C.	1859	13-Oct	Wolford, Mason	Tinware	Cup (Tin)	2	0.06		
B.C.	1859	10-Nov	Rupell, Thomas	Tinware	Cup (Tin)	1	0.06		
Mt. Ol.	1861	26-Feb	Funkhouser, Hannah	Tinware	Cup (Tin)	2	0.125		
Mt. Ol.	1860	26-Nov	Hockman, Magdalene	Tinware	Cup (Tin)	1	0.0625		
Mt. Ol.	1860	6-Dec	Barb, Abraham H.	Tinware	Cup (Tin)	2	0.125		

Table 14: Coffee, Drinking Chocolate, and Tea Bought by White Shenandoahans

This table lists purchases of coffee, drinking chocolate, and tea by White Shenandoahans. Data comes from unattributed ledgers from Charles. (Account Book 1 1795), Middle. (Account Book 1806), Stras. (Milton 1849 [no coffee data from 2 January 1847 to 16 January 1849]), and Win. (Account Book 1800; Milton 1849), the Baker Store (1861) Clark Cather's store (1882), Mahlon Gore's store (1860 [data only including 19 February 1859 to 20 February 1860]), the Homer and Nelson Store (1851 [coffee data only including 20 September 1849 to 21 September 1850]; 1858 [tea and chocolate only]), and Edward Sperry's store (1839). See Chapter 7 for more information about these ledgers. "B.C." is Back Creek, "Charles." is Charlestown, "Middle." is Middletown, "Mt. Ol." is Mt. Olive, "Stras." is Strasburg, and "Win." is Winchester.

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence
Charles.	1795	1-Jun	Anderson, John	Self	Tea	Hyson	0.25		2	5
Charles.	1795	1-Jun	Young, John	Molly Young	Tea	Souchong	0.25			
Charles.	1795	2-Jun	Griffith, Archibald	Self	Tea	Hyson	0.25		2	4
Charles.	1795	4-Jun	Kouky?, John W.	Self	Tea	Hyson	2		4	9
Charles.	1795	6-Jun	Goldberg, John	Self	Tea	Souchong	0.25		1	5
Charles.	1795	6-Jun	Darke, Gen.	?	Coffee		1		1	6
Charles.	1795	6-Jun	Armstrong, William	Self	Coffee		1		1	6
Charles.	1795	8-Jun	Moulgaul, Richard	?	Tea	Hyson	0.25		2	4
Charles.	1795	8-Jun	Anderson, John	Self	Coffee		1		1	6
Charles.	1795	8-Jun	Dill, James M.	Self	Coffee		1		1	6
Charles.	1795	10-Jun	Anderson, John	Self	Tea	Souchong	0.25		1	5
Charles.	1795	11-Jun	Johnson, William	Self	Tea	?	0.25		1	5
Charles.	1795	12-Jun	Rutherford, Thomas	Self	Coffee		4		6	0
Charles.	1795	12-Jun	Yates, Charles	Self	Coffee		5		7	6
Charles.	1795	15-Jun	Rutherford, Thomas	Self	Tea	Hyson	1		9	0
Charles.	1795	17-Jun	Anderson, John	Self	Tea	Souchong			1	5
Charles.	1795	18-Jun	Whiting, Beverly	Self	Tea	Hyson	1		10	6
Charles.	1795	19-Jun	Flagg, Thomas	Keyes	Tea	Hyson	0.25		2	4
Charles.	1795	19-Jun	Jeans, Edward	Self	Tea	Souchong	0.5		2	9
Charles.	1795	20-Jun	Sewell, John	Self	Tea	Hyson	0.25		2	4
Charles.	1795	20-Jun	Knesau?, Cornelius	Self	Tea	Souchong	0.5		2	9
Charles.	1795	20-Jun	Goldberry, Robert	Self	Coffee		1		1	6
Charles.	1795	20-Jun	Wilson, Jesse?	Self	Coffee		1		1	6
Charles.	1795	24-Jun	Rutherford, Thomas	Self	Coffee		16		24	0
Charles.	1795	25-Jun	Hall, Anthony	Self	Coffee		1		1	6
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	26-Jun	Nysong, Michael	Self	Tea	n.d.	0.25		1	5
Charles.	1795	26-Jun	Wilmouth?, William	Self	Tea	n.d.	0.25		1	4
Charles.	1795	26-Jun	Housworth, Isaac	Self	Coffee		1		1	6
Charles.	1795	27-Jun	Blue, Samuel	Wife	Tea		1		3	4
Charles.	1795	27-Jun	Urguhaul?, Sandy	Wife	Tea		0.25		0	10
Charles.	1795	27-Jun	Lealand, William	Self	Tea	Hyson	0.25		2	5
Charles.	1795	27-Jun	Montgaul, Richard	Son	Tea	Hyson	0.5		4	9
Charles.	1795	27-Jun	Goldberry, Robert	Self	Tea	n.d.	0.25		1	8
Charles.	1795	27-Jun	Goldsberry, John	Wife	Tea	n.d.	0.25		1	5
Charles.	1795	27-Jun	Anderson, John	Self	Tea	Souchong	0.25		1	4
Charles.	1795	27-Jun	Packett, John	Order	Coffee		2		3	0
Charles.	1795	27-Jun	Gandma?, John	Self	Coffee		6		9	0
Charles.	1795	27-Jun	Montgaul, Richard	Son	Coffee		1		1	6
Charles.	1795	27-Jun	Goldsberry, John	Wife	Coffee		0.5		0	9
Charles.	1795	27-Jun	Blue, Samuel	Wife	Coffee		2		3	0
Charles.	1795	1-Jul	Bramhall, James	Self	Tea	Black	0.25		0	10
Charles.	1795	1-Jul	Harper, Edward	Self	Coffee		3		4	6
Charles.	1795	4-Jul	Stan, James	Self	Tea	Black	0.25		0	10
Charles.	1795	4-Jul	Gaunt, John	Self	Coffee		1.5		2	3
Charles.	1795	6-Jul	Wood, George	Self	Coffee		1		1	6
Charles.	1795	7-Jul	Flagg, Thomas	Self	Tea	Hyson	0.25		2	8
Charles.	1795	7-Jul	Housworth, Isaac	Wife	Coffee		1		1	6
Charles.	1795	11-Jul	Cage, Andrew	Self	Tea	Bohe	0.5		1	8
Charles.	1795	13-Jul	Bountain, William	Self	Tea	Bohe	1		3	4
Charles.	1795	13-Jul	Bountain, William	Self	Coffee		1		1	6
Charles.	1795	14-Jul	Shope, William	Self	Tea	H.	0.25		2	5
Charles.	1795	15-Jul	Young, John	Jacob	Coffee		2		3	0
Charles.	1795	16-Jul	Whiting, Beverly	Self	Coffee		12		18	0
Charles.	1795	22-Jul	Goldberry, Robert	Self	Coffee		1		1	6
Charles.	1795	23-Jul	Flagg, Thomas	Self	Tea	Hyson	0.25		2	7
Charles.	1795	23-Jul	Bramhall, Peter	Self	Tea	n.d.	0.25		0	10
Charles.	1795	25-Jul	Whiting, Beverly	Self	Tea	Hyson	2		21	0
Charles.	1795	30-Jul	Young, Joseph	Wife	Tea	Hyson	0.25		2	5
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	1-Aug	Flagg, Thomas	?	Tea	Black	0.5		1	8
Charles.	1795	4-Aug	James, Edward	Self	Tea	Souchong	0.25		1	5
Charles.	1795	7-Aug	Young, John	Self	Tea	Black	0.25		0	10
Charles.	1795	7-Aug	Morris, George	Self	Tea	H.	0.25		2	5
Charles.	1795	7-Aug	Rutherford, Thomas	Self	Coffee		4		6	0
Charles.	1795	15-Aug	Montgaul, Richard	Wife	Tea		0.25		2	5
Charles.	1795	17-Aug	Anderson, Mahone	Self	Tea	Hyson	0.25		2	5
Charles.	1795	19-Aug	Montgaul, Richard	Wife	Tea	Hyson	0.25		2	4
Charles.	1795	20-Aug	Flagg, Thomas	Self	Tea	Hyson	0.25		2	8
Charles.	1795	22-Aug	Cowen, John	Self	Tea		0.5		1	8
Charles.	1795	22-Aug	Housworth, Isaac	Self	Tea		0.25		0	10
Charles.	1795	22-Aug	Solles?, William	Self	Tea	Souchong	0.25		1	5
Charles.	1795	22-Aug	Cowen, John	Self	Coffee		1		1	9
Charles.	1795	24-Aug	Holmes, Bartlot?	Self	Tea	Black	0.25		0	10
Charles.	1795	25-Aug	Conway, Cornelius	Self	Tea		0.25		0	10
Charles.	1795	27-Aug	Conway, Cornelius	Self	Tea	Souchong	0.25		1	5
Charles.	1795	29-Aug	Goldberry, Robert	Self	Tea	Black	0.25		0	10
Charles.	1795	29-Aug	Young, John	Jacob	Tea	Hyson	0.25		2	5
Charles.	1795	1-Sep	Vanuacton?, Joseph	Self	Tea	Hyson	0.25		2	8
Charles.	1795	1-Sep	Russell?, William	Self	Tea	Souchong	0.5		2	9
Charles.	1795	3-Sep	Blue, Samuel	Wife	Tea	Black	0.5		1	8
Charles.	1795	5-Sep	Tiffen, Joseph & Ed	Self	Coffee		2		3	4
Charles.	1795	8-Sep	Flagg, Thomas	Self	Tea	Hyson	0.25		2	8
Charles.	1795	10-Sep	Kouklin, John	Self	Tea	Black	0.25		0	10
Charles.	1795	16-Sep	Solles?, William	King, M.	Tea	Souchong	0.25		1	4
Charles.	1795	17-Sep	Zachariah, James	Self	Tea	Hyson	0.5		4	9
Charles.	1795	18-Sep	Tiffen, Joseph & Ed	Self	Coffee		1		1	8
Charles.	1795	19-Sep	Young, John	Jacob	Tea	Hyson	0.25		2	4
Charles.	1795	21-Sep	Whiting, Beverly	Self	Tea	Hyson	1		10	6
Charles.	1795	22-Sep	Wilmouth?, William	Self	Tea		0.25		0	10
Charles.	1795	24-Sep	Stonemills?, Jasper	Hall, J.	Tea	H.	0.25		2	5
Charles.	1795	24-Sep	Shope, William	Wife	Tea	Hyson	0.25		2	5
Charles.	1795	26-Sep	Whiting, Beverly	Brother	Coffee		12		21	0
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	26-Sep	Cowen, John	Self	Coffee		1		1	9
Charles.	1795	26-Sep	Lealand, William	Self	Coffee		2		3	6
Charles.	1795	28-Sep	Burton, Joshua	Self	Coffee		2		3	6
Charles.	1795	28-Sep	Potts, John	Self	Coffee		6		10	6
Charles.	1795	29-Sep	Hite, George	Gibbons, ?	Coffee		3		5	3
Charles.	1795	29-Sep	Craghill, Nathaniel	Self	Coffee		4		7	0
Charles.	1795	30-Sep	Sidnel?, Peter	Self	Coffee		3		5	3
Charles.	1795	1-Oct	Iles?, William	Self	Tea	Bohe	1		3	3
Charles.	1795	1-Oct	Wood, George	Wife	Tea	H.	0.25		2	7.5
Charles.	1795	2-Oct	Morris, George	Self	Tea	n.d.	0.5		10	6
Charles.	1795	2-Oct	Anderson, John	Self	Coffee		1		1	9
Charles.	1795	3-Oct	Flagg, Thomas	Self	Tea	Hyson	0.25		2	5
Charles.	1795	3-Oct	Sewell, David	Self	Tea	Hyson	1		9	6
Charles.	1795	3-Oct	Douglas, William	Mills, M.	Coffee		2		1	9
Charles.	1795	3-Oct	Sewell, David	Self	Coffee		2		1	9
Charles.	1795	6-Oct	Rutherford, Thomas	Self	Coffee		10		17	6
Charles.	1795	6-Oct	Dust, Philip	Self	Coffee		1		1	9
Charles.	1795	7-Oct	James, Edward	Self	Tea	Black	0.5		1	8
Charles.	1795	7-Oct	Brigland, John	Daughter	Tea	Souchong	0.25		1	5
Charles.	1795	7-Oct	Hite, George	Gibbons, ?	Coffee		2		3	4
Charles.	1795	9-Oct	Breading, Robert	Self	Coffee		2		3	6
Charles.	1795	9-Oct	Stonemills?, Jasper	Self	Coffee		2		3	6
Charles.	1795	9-Oct	Miller, John	Taylor	Coffee		2		3	6
Charles.	1795	10-Oct	Young, John	Jacob	Tea	Hyson	0.25		2	5
Charles.	1795	10-Oct	Hite, George	Self	Tea	Hyson	0.25		2	8
Charles.	1795	10-Oct	Sewell, David	Self	Coffee		2		3	6
Charles.	1795	12-Oct	Sewell, John	Self	Tea	Black	1		3	4
Charles.	1795	12-Oct	Whiting, Francis	Self	Tea	Hyson	1		10	6
Charles.	1795	12-Oct	Rutherford, Robert	Self	Coffee		5		8	9
Charles.	1795	12-Oct	Sewell, John	Self	Coffee		1		1	9
Charles.	1795	13-Oct	Flagg, Thomas	Self	Coffee		1		1	9
Charles.	1795	13-Oct	Housworth, Isaac	Self	Coffee		1		1	9
Charles.	1795	15-Oct	Blue, Samuel	Self	Tea	Black	0.25		0	10
Charles.	1795	16-Oct	Cowan, John	Self	Tea	Bohe	0.25		0	10
Charles.	1795	16-Oct	Rutherford, Thomas	Self	Tea	H.	1		10	6
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	16-Oct	Rutherford, Thomas	Self	Chocolate		1		1	6
Charles.	1795	16-Oct	Stidman, John	Self	Coffee		1		1	9
Charles.	1795	17-Oct	Young, John	Father	Tea		0.5		1	8
Charles.	1795	17-Oct	Anderson, John	Self	Chocolate		1		1	6
Charles.	1795	19-Oct	Cowan, John	Wife	Tea	Bohe	0.5		1	8
Charles.	1795	19-Oct	Rutherford, Robert	Self	Chocolate		1		1	6
Charles.	1795	19-Oct	Wood, George	Self	Chocolate		1		1	6
Charles.	1795	19-Oct	Marheny?, James	Self	Coffee		0.5		0	10.5
Charles.	1795	19-Oct	Cowan, John	Wife	Coffee		2		3	6
Charles.	1795	21-Oct	Young, John	Farmer	Tea		0.5		1	8
Charles.	1795	21-Oct	Tullis, Ames?	Self	Tea	Hyson	0.25		2	5
Charles.	1795	21-Oct	Briscoe, George	Self	Tea	Hyson	0.25		2	8
Charles.	1795	21-Oct	Tullis, William	Tullis, Amos	Tea	Hyson	0.25		2	5
Charles.	1795	21-Oct	Berton, Joshua	Self	Chocolate		1		1	6
Charles.	1795	21-Oct	Dust, Philip	Self	Coffee		1		1	9
Charles.	1795	22-Oct	Young, John	Wife	Coffee		2		3	6
Charles.	1795	23-Oct	Ingrum, James	Self	Tea	Souchong	1.5		7	7
Charles.	1795	23-Oct	Hite, George	Self	Coffee		2		3	6
Charles.	1795	27-Oct	Black, Rudolph	Self	Tea	Hyson	0.25		2	8
Charles.	1795	27-Oct	Douglas, William	Daughter	Tea	Souchong	1		5	9
Charles.	1795	28-Oct	Lealand, William	Self	Tea	Souchong	0.25		1	5
Charles.	1795	29-Oct	Rutherford, Robert	Self	Chocolate		1		1	6
Charles.	1795	31-Oct	Sidnel?, Peter	Self	Tea	Hyson	0.25		2	5
Charles.	1795	31-Oct	Young, John	Father	Coffee		0.5		0	11
Charles.	1795	31-Oct	Goldberry, Robert	Self	Coffee		1		1	9
Charles.	1795	31-Oct	Sewell, David	Self	Coffee		2		3	6
Charles.	1795	4-Nov	How, John	Son	Coffee		1		1	9
Charles.	1795	5-Nov	Blue, Michael	Self	Coffee		2		3	6
Charles.	1795	6-Nov	Young, John	Father	Tea	Hyson	0.25		2	5
Charles.	1795	7-Nov	How, John	Self	Tea	Souchong	0.25		1	5
Charles.	1795	9-Nov	Young, John	Jacob	Coffee		3		5	3
Charles.	1795	9-Nov	Sewell, John	Self	Coffee		2		3	6
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	9-Nov	Craghill, Nathaniel	Self	Coffee		2		3	6
Charles.	1795	9-Nov	Lealand, William	Self	Coffee		2		3	6
Charles.	1795	9-Nov	Saunders, James	Self	Coffee		2		3	6
Charles.	1795	10-Nov	Briscoe, George	Self	Tea	Hyson	0.25		2	5
Charles.	1795	10-Nov	Tullis, William	Self	Tea	Hyson	0.25		2	5
Charles.	1795	10-Nov	Whiting, Beverly	Self	Tea	Hyson	1		10	6
Charles.	1795	10-Nov	Hill, William (Rev.)	Self	Tea	Hyson	0.5		4	9
Charles.	1795	11-Nov	Rutherford, Robert	Self	Chocolate		1		1	6
Charles.	1795	12-Nov	Young, John	Father	Coffee		1		1	9
Charles.	1795	13-Nov	Cowan, David	Self	Tea	Black	1		3	2
Charles.	1795	13-Nov	Cowan, David	Self	Coffee		1		1	9
Charles.	1795	13-Nov	Shirley, Timothy	Self	Coffee		1		1	9
Charles.	1795	14-Nov	White, Sally	Self	Tea	Hyson	1		10	6
Charles.	1795	16-Nov	Anderson, John	Self	Coffee		1		1	9
Charles.	1795	17-Nov	Blue, William	Self	Tea	Black	0.25		2	8
Charles.	1795	17-Nov	Blue, William	Self	Coffee		3		5	3
Charles.	1795	18-Nov	Grum, Jonathon	Self	Tea	Hyson	0.25		2	5
Charles.	1795	19-Nov	Douglas, William	Daughter	Coffee		1		1	9
Charles.	1795	20-Nov	How, John	Son	Tea	Hyson	0.25		2	5
Charles.	1795	21-Nov	Blue, Cornelius	Self	Tea	Black	0.25		0	10
Charles.	1795	21-Nov	Farmer, John	Self	Coffee		1		1	9
Charles.	1795	23-Nov	Young, John	Self	Tea	Hyson	0.25		2	5
Charles.	1795	25-Nov	Kroeson?, James	Self	Tea	Black	1.5		5	0
Charles.	1795	27-Nov	Tullis, Amos	Self	Tea	Hyson	0.25		2	5
Charles.	1795	27-Nov	Tullis, Amos	Self	Coffee		1		1	9
Charles.	1795	28-Nov	Iles?, William	Self	Tea	Bohe	1		3	4
Charles.	1795	28-Nov	Houseworth, Isaac	Self	Coffee		1		1	9
Charles.	1795	30-Nov	Young, John	Jacob	Tea	Bohe	0.25		0	10
Charles.	1795	30-Nov	Young, John	Jacob	Coffee		1		1	10
Charles.	1795	30-Nov	Darke, William	Son	Coffee		6		10	6
Charles.	1795	1-Dec	Douglas, William	Self	Tea	Souchong	0.5		2	10
Charles.	1795	1-Dec	Smallwood, Gabriel	Self	Tea	Bohe	1		3	2
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	2-Dec	Anderson, John	Self	Coffee		1		1	10
Charles.	1795	2-Dec	Stonemills?, Jasper	Self	Coffee		2		3	8
Charles.	1795	2-Dec	Potts, John	Self	Coffee		3		5	6
Charles.	1795	5-Dec	Whiting, Francis	Self	Tea	Hyson	1		10	6
Charles.	1795	7-Dec	Anderson, John	Self	Coffee		1		1	10
Charles.	1795	7-Dec	Young, John	Self	Coffee		2		3	8
Charles.	1795	8-Dec	Clima?, Peter	Self	Tea	Hyson	0.5		4	9
Charles.	1795	8-Dec	James, Edward	Self	Tea	Hyson	0.5		4	9
Charles.	1795	8-Dec	Rutherford, Robert	Self	Chocolate		1		1	6
Charles.	1795	8-Dec	Clima?, Peter	Self	Coffee		4		7	4
Charles.	1795	9-Dec	Bountain, William	Self	Tea	Bohe	0.5		2	3
Charles.	1795	9-Dec	Briscoe, George	Self	Tea	Hyson	0.25		2	5
Charles.	1795	9-Dec	Cage, James	Self	Tea	Hyson	0.25		2	5
Charles.	1795	9-Dec	Nysong, Michael	Self	Coffee		1		1	10
Charles.	1795	11-Dec	Smallwood, Gabriel	Self	Tea	Bohe	1		3	2
Charles.	1795	11-Dec	Barnhouse, Richard	Self	Chocolate		1		1	6
Charles.	1795	11-Dec	Tullis, Amos	Self	Chocolate		1		1	6
Charles.	1795	12-Dec	Cowan, David	Self	Tea	Hyson	0.25		2	5
Charles.	1795	12-Dec	Berton, Joshua	Self	Tea	Souchong	0.25		1	5
Charles.	1795	12-Dec	Anderson, John	Self	Coffee		1		1	10
Charles.	1795	14-Dec	Blue, Cornelius	Self	Tea	Bohe	0.5		1	8
Charles.	1795	14-Dec	White, Sally	Self	Tea	Hyson	0.5		5	3
Charles.	1795	14-Dec	Bull, John	Self	Coffee		1		1	10
Charles.	1795	15-Dec	Ingram, James	Sewell, ?	Tea	Bohe	1		3	2
Charles.	1795	15-Dec	Sewell, David	Self	Coffee		1		1	10
Charles.	1795	15-Dec	Whiting, Beverly	Self	Coffee		6		11	0
Charles.	1795	16-Dec	Burton, Joshua	Self	Tea	Hyson	0.5		4	9
Charles.	1795	16-Dec	Hite, George	Son	Chocolate		1		1	6
Charles.	1795	16-Dec	Grantum, John	Self	Coffee		1		1	9
Charles.	1795	17-Dec	Goldbury, Robert	Self	Tea	Bohe	0.5		1	8
Charles.	1795	17-Dec	Tiffen, Joseph & Ed	Self	Tea	Hyson	0.5		4	9
Charles.	1795	17-Dec	Hite, Joseph	Son	Coffee		1		1	10
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Charles.	1795	18-Dec	Briscoe, George	Self	Coffee		3		5	6
Charles.	1795	19-Dec	Grubb, William	Self	Tea	B.	0.25		0	10
Charles.	1795	19-Dec	Moler, Jacob	Wife	Tea	Bohe	0.25		0	9
Charles.	1795	19-Dec	Grubb, William	Self	Tea	H.	0.25		2	5
Charles.	1795	19-Dec	Clima?, Peter	Self	Tea	H.	0.5		5	3
Charles.	1795	19-Dec	Young, John	Father	Coffee		0.5		0	11
Charles.	1795	19-Dec	Young, John	Jacob	Coffee		2		3	5
Charles.	1795	19-Dec	White, Alexander	Keyes	Coffee		3		5	6
Charles.	1795	19-Dec	Johnston, William	Self	Coffee		1		1	10
Charles.	1795	19-Dec	Anderson, John	Self	Coffee		1		1	10
Charles.	1795	19-Dec	Cage, Andrew	Self	Coffee		1		1	10
Charles.	1795	19-Dec	Harris, Jeremiah	Self	Coffee		1		1	10
Charles.	1795	21-Dec	Thompson, Thomas	Self	Coffee		1		1	10
Charles.	1795	22-Dec	Wood, William	Self	Tea	Souchong	0.5		2	10
Win.	1799	20-Apr	Harshe, Joseph	Self	Tea	Hyson	0.125		1	3
Win.	1799	20-Apr	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	24-Apr	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	24-Apr	Reed, George	Self	Tea	hyson (Young)	0.25		3	6
Win.	1799	25-Apr	Young, Adam	Self	Tea	Hyson	0.125		1	3
Win.	1799	25-Apr	Els, George	Self	Tea	Hyson	0.25		2	6
Win.	1799	2-May	Keenan, Thomas	Self	Tea	Hyson	0.25		2	6
Win.	1799	4-May	Longacre, Joseph	Self	Tea	Hyson	0.25		2	6
Win.	1799	4-May	Longacre, Joseph	Self	Tea	Hyson (Young)	0.25		3	6
Win.	1799	6-May	Longacre, Joseph	Self	Tea	Hyson	0.25		2	6
Win.	1799	7-May	Klees, George	Wife	Tea	Hyson	5		5	0
Win.	1799	7-May	Aulich, Charles	Self	Tea	hyson (Young)	0.25		3	6
Win.	1799	10-May	Keenan, Thomas	Self	Tea	Hyson	0.25		2	6
Win.	1799	10-May	Harshe, Joseph	Self	Tea	Hyson	0.25		2	6
Win.	1799	11-May	Miller, Mrs.	Self	Tea	Hyson	0.125		1	9
Win.	1799	14-May	Garnett, Martin	Wife	Tea	Hyson	0.25		2	6
Win.	1799	14-May	Reed, George	Self	Tea	Hyson (Young)	0.5		7	0
Win.	1799	20-May	Aulich, Charles	Apprentice	Tea	Hyson	0.25		3	6
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1799	20-May	Overacre, Isaac	Self	Tea	Hyson	0.25		2	6
Win.	1799	22-May	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	22-May	Longacre, Joseph	Self	Chocolate		1		1	8
Win.	1799	22-May	Els, George	Wife	Chocolate		2		3	0
Win.	1799	24-May	Longacre, Joseph	Wagons	Chocolate		1		1	8
Win.	1799	24-May	Keenan, Thomas	Wife	Coffee		1		2	6
Win.	1799	25-May	Denis, Patrick	Self	Coffee		4		10	0
Win.	1799	28-May	Miller, Mrs.	Self	Tea	Hyson	0.125		1	3
Win.	1799	28-May	Denis, Patrick	?	Tea	Hyson (Young)	0.25		3	6
Win.	1799	28-May	Miller, Mrs.	Self	Coffee		2		1	3
Win.	1799	28-May	Overacre, Isaac	Self	Coffee		1		2	6
Win.	1799	29-May	Miller, Gavin	Self	Tea	Hyson	0.5		5	0
Win.	1799	3-Jun	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	3-Jun	Harshe, Joseph	Wife	Coffee		1		2	6
Win.	1799	4-Jun	Miller, Mrs.	Self	Tea	hyson (Young)	0.125		1	9
Win.	1799	5-Jun	Keenan, Thomas	Wife	Coffee		1		2	6
Win.	1799	6-Jun	Longacre, Joseph	Self	Coffee		1		2	6
Win.	1799	8-Jun	Letzenberg, George	Self	Tea	Hyson	0.25		2	6
Win.	1799	8-Jun	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	8-Jun	Letzenberg, George	Self	Coffee		1		2	4
Win.	1799	11-Jun	Kehoe, Peter	Self	Tea	Hyson (Young)	0.125		1	9
Win.	1799	11-Jun	Overacre, Isaac	Self	Coffee		1		2	4
Win.	1799	11-Jun	Reed, George	Self	Coffee		2		4	8
Win.	1799	11-Jun	Groves, Adam	Self	Coffee		0.5		1	2
Win.	1799	11-Jun	Kehoe, Peter	Self	Coffee		2		4	8
Win.	1799	11-Jun	Harshe, Joseph	Wife	Coffee		1		2	4
Win.	1799	12-Jun	Miller, Mrs.	Kuger, Polly	Tea	Hyson (Young)	0.25		3	6
Win.	1799	12-Jun	Young, Adam	Self	Coffee		1		2	4
Win.	1799	12-Jun	Miller, Mrs.	Self	Coffee		0.5		1	2
Win.	1799	13-Jun	Keenan, Thomas	Wife	Coffee		1		2	4
Win.	1799	14-Jun	Haughman, George	Self	Coffee		2		4	8
Win.	1799	15-Jun	Overacre, Isaac	Self	Coffee		1		2	4

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

Win.	1799	18-Jun	Shreck, Andrew	Wife	Tea	Hyson	0.5		5	0
Win.	1799	18-Jun	Shreck, Andrew	Wife	Chocolate		3		4	6
Win.	1799	18-Jun	Shreck, Andrew	Wife	Coffee		7		16	4
Win.	1799	20-Jun	Longacre, Joseph	Self	Tea	Hyson	0.25		2	6
Win.	1799	20-Jun	Miller, Gavin	Self	Tea	Hyson	0.25		2	6
Win.	1799	20-Jun	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	20-Jun	Miller, Mrs.	Hibler	Coffee		1		2	4
Win.	1799	20-Jun	Ellis, Mememe?	Self	Coffee		2		4	8
Win.	1799	20-Jun	Keenan, Thomas	Wife	Coffee		2		4	8
Win.	1799	24-Jun	Altrith, John	Self	Tea	Hyson	0.25		2	6
Win.	1799	24-Jun	Reed, George	Self	Tea	Hyson (Young)	0.5		7	0
Win.	1799	24-Jun	Miller, Mrs.	Hibler	Coffee		0.5		1	2
Win.	1799	24-Jun	Altrith, John	Self	Coffee		1		2	4
Win.	1799	28-Jun	Overacre, Isaac	Father	Tea	Hyson	0.25		2	6
Win.	1799	28-Jun	Overacre, Isaac	Father	Chocolate		2		3	0
Win.	1799	28-Jun	Overacre, Isaac	Self	Chocolate		1		1	6
Win.	1799	29-Jun	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	29-Jun	Jones, Stephen	Self	Tea	Hyson (Young)	0.25		3	6
Win.	1799	29-Jun	Jones, Stephen	Self	Coffee		4		7	2.5
Win.	1799	2-Jul	Miller, Mrs.	Self	Tea	Hyson (Young)	0.125		1	9
Win.	1799	2-Jul	Longacre, Joseph	Self	Coffee		2		4	6
Win.	1799	6-Jul	Keenan, Thomas	Wife	Coffee		1		2	3
Win.	1799	9-Jul	Altrith, John	Self	Tea	Hyson	0.25		3	0
Win.	1799	9-Jul	Altrith, John	Self	Coffee		1		2	3
Win.	1799	10-Jul	Longacre, Joseph	Self	Tea	Hyson	0.25		3	0
Win.	1799	11-Jul	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	12-Jul	Pitman, John	Self	Coffee		1		2	3
Win.	1799	15-Jul	Young, Adam	Self	Coffee		1		2	3
Win.	1799	15-Jul	Shreck, Andrew	Wife	Coffee		1		2	3
Win.	1799	16-Jul	Keenan, Thomas	Wife	Coffee		1		2	3
Win.	1799	20-Jul	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	22-Jul	Longacre, Joseph	Self	Tea	Hyson	0.25		3	0

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

Win.	1799	24-Jul	Knabenshuh, Jacob	Self	Coffee		1		2	3
Win.	1799	26-Jul	Lauck, Simon	Wife	Tea	Hyson	0.25		2	6
Win.	1799	27-Jul	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	27-Jul	Overacre, Isaac	Father	Coffee		1		2	3
Win.	1799	27-Jul	Overacre, Isaac	Self	Coffee		1		2	3
Win.	1799	27-Jul	Reed, George	Self	Coffee		2		4	6
Win.	1799	30-Jul	Ellis, Mememe?	Self	Tea	Hyson	0.25		2	6
Win.	1799	30-Jul	Keenan, Thomas	Wife	Coffee		1		2	3
Win.	1799	2-Aug	Miller, Mrs.	Self	Tea		0.125		1	6
Win.	1799	2-Aug	Miller, Mrs.	Self	Coffee		0.5		1	1.5
Win.	1799	3-Aug	Britton, Jesse	Self	Tea	Hyson	0.25		2	6
Win.	1799	3-Aug	Kehoe, Peter	Daughter	Coffee		1		2	3
Win.	1799	3-Aug	Britton, Jesse	Self	Coffee		3		6	9
Win.	1799	3-Aug	Knabenshuh, Jacob	Self	Coffee		0.5		3	7.5
Win.	1799	3-Aug	Letzenberg, George	Son	Coffee		1		2	2
Win.	1799	5-Aug	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	10-Aug	Miller, Mrs.	Hibler	Tea	hyson	0.125		2	6
Win.	1799	10-Aug	Overacre, Isaac	Father	Coffee		1		2	2
Win.	1799	10-Aug	Overacre, Isaac	Self	Coffee		1		2	2
Win.	1799	12-Aug	Pitman, John	Self	Coffee		4		8	8
Win.	1799	13-Aug	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	17-Aug	Overacre, Isaac	?	Tea	Hyson	0.25		3	0
Win.	1799	17-Aug	Miller, Mrs.	Self	Tea	Hyson	0.25		3	0
Win.	1799	17-Aug	Ellis, Mememe?	Self	Coffee		1		2	2
Win.	1799	17-Aug	Keenan, Thomas	Wife	Coffee		1		2	2
Win.	1799	19-Aug	Overacre, Isaac	Self	Coffee		1		2	2
Win.	1799	21-Aug	Els, George	Wife	Tea	Hyson	0.125		1	3
Win.	1799	21-Aug	Els, George	Wife	Chocolate		1		2	9
Win.	1799	21-Aug	Els, George	Wife	Coffee		1		2	0
Win.	1799	23-Aug	Pitman, John	Self	Tea	Hyson	0.25		2	6
Win.	1799	23-Aug	Knabenshuh, Jacob	Self	Coffee		0.5		1	1
Win.	1799	24-Aug	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1799	24-Aug	Keenan, Thomas	Halp	Coffee		1		2	0
Win.	1799	26-Aug	Ellis, Mememes?	Self	Tea	Hyson	0.25		3	0
Win.	1799	26-Aug	Grist, Martha	Self	Coffee		1		2	0
Win.	1799	28-Aug	Jones, Stephen	Self	Coffee		1		2	0
Win.	1799	31-Aug	Young, Adam	Son	Coffee		1		2	0
Win.	1799	2-Sep	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	2-Sep	Keenan, Thomas	?	Coffee		1		2	0
Win.	1799	5-Sep	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1799	7-Sep	Letzenberg, George	Self	Coffee		1		2	0
Win.	1799	10-Sep	Young, Adam	Self	Coffee		1		2	0
Win.	1799	10-Sep	Keenan, Thomas	Wife	Coffee		1		2	0
Win.	1799	11-Sep	Mock, Matthias	Self	Tea	Bohea	0.25		1	3
Win.	1799	11-Sep	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	11-Sep	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1799	12-Sep	Lauck, Simon	Philip	Coffee		1		2	0
Win.	1799	14-Sep	Garnett, Martin	Wife	Tea		0.25		3	0
Win.	1799	14-Sep	Overacre, Isaac	Self	Coffee		1.5		3	0
Win.	1799	18-Sep	Keenan, Thomas	Wife	Coffee		1		2	0
Win.	1799	20-Sep	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	21-Sep	Miller, Mrs.	Self	Coffee		0.5		1	0
Win.	1799	23-Sep	Folliner, Jacob	Self	Tea	Hyson	0.125		1	3
Win.	1799	25-Sep	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1799	25-Sep	Keenan, Thomas	Wife	Coffee		1		2	0
Win.	1799	26-Sep	Brown, John	Self	Coffee		1		2	0
Win.	1799	26-Sep	Knabenshuh, Jacob	Self	Coffee		1.5		3	0
Win.	1799	27-Sep	Garnett, Martin	Self	Tea		0.25		3	0
Win.	1799	1-Oct	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	1-Oct	Keenan, Thomas	Wife	Coffee		1		2	0
Win.	1799	2-Oct	Miller, Mrs.	Self	Coffee		1		2	0
Win.	1799	5-Oct	Beall, Cephas	Self	Coffee		6		12	0
Win.	1799	8-Oct	Overacre, Isaac	Self	Coffee		2		4	0
Win.	1799	8-Oct	Keenan, Thomas	Wife	Coffee		1		2	0
Win.	1799	11-Oct	Brown, John	Wife	Tea	Hyson	0.125		1	6
Win.	1799	11-Oct	Brown, John	Curlet	Coffee		1		2	0
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1799	11-Oct	Brown, John	Wife	Coffee		2		4	0
Win.	1799	12-Oct	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	14-Oct	Miller, Mrs.	Mother	Coffee		0.5		1	0
Win.	1799	14-Oct	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1799	15-Oct	Keenan, Thomas	?	Coffee		1		2	0
Win.	1799	15-Oct	Pitman, John	Self	Coffee		1		2	0
Win.	1799	16-Oct	Letzenberg, George	Self	Coffee		1		2	0
Win.	1799	21-Oct	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1799	21-Oct	Keenan, Thomas	Wife	Coffee		3		6	0
Win.	1799	22-Oct	Beall, Cephas	Self	Coffee		10		20	0
Win.	1799	22-Oct	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	22-Oct	Beall, Cephas	Self	Chocolate		2		6	0
Win.	1799	22-Oct	Knabenshuh, Jacob	Self	Coffee		1.5		3	0
Win.	1799	28-Oct	Brown, John	Self	Coffee		2		4	0
Win.	1799	1-Nov	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	6-Nov	Overacre, Isaac	Self	Tea	Hyson	0.25		3	0
Win.	1799	8-Nov	Miller, Mrs.	Kiger?	Coffee		1		2	2
Win.	1799	11-Nov	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	11-Nov	Folliner, Jacob	Brother	Coffee		1		2	2
Win.	1799	11-Nov	Keenan, Thomas	Wife	Coffee		1		2	2
Win.	1799	12-Nov	Overacre, Isaac	Self	Tea	Hyson	0.25		3	0
Win.	1799	15-Nov	Keenan, Thomas	Wife	Coffee		4		8	8
Win.	1799	16-Nov	Miller, Mrs.	Apprentice	Tea	Hyson			1	6
Win.	1799	16-Nov	Folliner, Jacob	Self	Coffee		1		2	2
Win.	1799	18-Nov	Garnett, Martin	Wife	Tea	Hyson	0.5		6	0
Win.	1799	26-Nov	Keenan, Thomas	Hickey	Tea	Souchong	0.125		1	1
Win.	1799	27-Nov	Mock, Matthias	Self	Chocolate		1		1	6
Win.	1799	30-Nov	Garnett, Martin	Self	Tea	Hyson	0.5		6	0
Win.	1799	3-Dec	Huntsberry, Henry	Self	Tea	Hyson	0.25		3	0
Win.	1799	3-Dec	Keenan, Thomas	Wife	Tea	Hyson	0.25		2	6
Win.	1799	6-Dec	Mann, Sarah	Self	Coffee		2		2	3
Win.	1799	7-Dec	Garnett, Martin	Self	Coffee		2		4	6
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1799	10-Dec	Folliner, Jacob	Brother	Tea	Souchong	0.25		2	1.5
Win.	1799	11-Dec	Brown, John	Wife	Tea	hyson	0.25		3	0
Win.	1799	11-Dec	Mann, Sarah	Self	Coffee		1		2	3
Win.	1799	11-Dec	Sensenich, John	Self	Coffee		1		2	3
Win.	1799	12-Dec	Huntsberry, Henry	Self	Coffee		1.5		3	45
Win.	1799	14-Dec	Barnett, Lewis	Self	Coffee		2		4	6
Win.	1799	16-Dec	Knabenshuh, Jacob	Self	Coffee		1.5		3	4.5
Win.	1799	19-Dec	Huntsberry, Henry	Self	Coffee		2		4	6
Win.	1799	20-Dec	Lauck, Simon	Wife	Tea	Hyson	0.25		2	6
Win.	1799	20-Dec	Folliner, Jacob	Self	Tea	Souchong	0.25		2	1.5
Win.	1799	21-Dec	Brown, John	?	Coffee		1		2	3
Win.	1799	23-Dec	Barnett, Lewis	Self	Tea	Hyson	0.25		3	0
Win.	1799	23-Dec	Overacre, Isaac	Self	Tea	Hyson	0.25		3	0
Win.	1799	23-Dec	Barnett, Lewis	Self	Coffee		2		4	6
Win.	1799	23-Dec	Overacre, Isaac	Self	Coffee		0.5		1	1.5
Win.	1799	24-Dec	Garnett, Martin	Self	Tea	Hyson	0.25		3	0
Win.	1799	24-Dec	Garnett, Martin	Self	Coffee		2		4	6
Win.	1799	24-Dec	Overacre, Isaac	Self	Coffee		1		2	3
Win.	1799	30-Dec	Barnett, Lewis	Self	Coffee		2		4	6
Win.	1799	31-Dec	Overacre, Isaac	Self	Coffee		1		2	3
Win.	1800	1-Jan	Miller, Mrs.	Self	Tea	Hyson	0.0625		0	9
Win.	1800	1-Jan	Barnett, Lewis	?	Coffee		1		2	3
Win.	1800	1-Jan	Miller, Mrs.	Self	Coffee		0.5		1	1.5
Win.	1800	4-Jan	Brown, John	Self	Coffee		1		2	3
Win.	1800	7-Jan	Huntsberry, Henry	Self	Coffee		1		2	3
Win.	1800	11-Jan	Barnett, Lewis	Self	Coffee		2		4	6
Win.	1800	11-Jan	Brown, John	Self	Coffee		1		2	3
Win.	1800	11-Jan	Garnett, Martin	Self	Coffee		1		2	3
Win.	1800	13-Jan	Garnett, Martin	Self	Tea	hyson	0.5		6	0
Win.	1800	13-Jan	Garnett, Martin	Self	Coffee		1		2	3
Win.	1800	14-Jan	Mann, Sarah	Self	Chocolate		0.5		0	9
Win.	1800	15-Jan	Overacre, Isaac	Self	Tea	hyson	0.25		2	3
Win.	1800	15-Jan	Miller, Mrs.	Kiger's Daughter	Coffee		0.5		1	1.5
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	18-Jan	Huntsberry, Henry	Jacob	Coffee		1		2	3
Win.	1800	18-Jan	Brown, John	Self	Coffee		2		4	4
Win.	1800	20-Jan	Chapman, Valentine	Self	Coffee		0.5		1	1
Win.	1800	24-Jan	Overacre, Isaac	Self	Coffee		2		4	2
Win.	1800	25-Jan	Garnett, Martin	Self	Coffee		1		2	2
Win.	1800	27-Jan	Miller, Mrs.	Kriger	Coffee		1		2	2
Win.	1800	27-Jan	Barnett, Lewis	Self	Coffee		2		4	4
Win.	1800	28-Jan	Barnett, Lewis	?	Tea	Souchong	0.25		2	1.5
Win.	1800	28-Jan	Barnett, Lewis	?	Coffee		2		4	4
Win.	1800	31-Jan	Huntsberry, Henry	Self	Coffee		2		4	4
Win.	1800	1-Feb	Monholland, Edward	Self	Tea	Hyson	0.25		2	3
Win.	1800	1-Feb	Miller, Mrs.	Kiger	Coffee		0.5		1	1
Win.	1800	1-Feb	Brown, John	Self	Coffee		2		4	4
Win.	1800	1-Feb	Overacre, Isaac	Self	Coffee		1		2	2
Win.	1800	4-Feb	Young, Adam	Self	Tea	Hyson	0.25		2	3
Win.	1800	4-Feb	Letzenberg, George	Daughter	Coffee		1		2	2
Win.	1800	6-Feb	Garnett, Martin	Self	Tea	Hyson	0.25		2	3
Win.	1800	6-Feb	Garnett, Martin	Self	Coffee		2		4	4
Win.	1800	7-Feb	Altrith, John	Self	Coffee		1		2	2
Win.	1800	11-Feb	Miller, Mrs.	Self	Coffee		0.5		1	1
Win.	1800	12-Feb	Letzenberg, George	Daughter	Coffee		1		2	2
Win.	1800	15-Feb	Kiger, John	Self	Tea	Hyson	0.25		2	3
Win.	1800	15-Feb	Kiger, John	Self	Coffee		1		2	2
Win.	1800	18-Feb	Bush, Andrew	?	Coffee		2		4	6
Win.	1800	19-Feb	Garnett, Martin	Self	Tea	Hyson	0.25		2	3
Win.	1800	19-Feb	Mann, Sarah	Self	Coffee		2		4	4
Win.	1800	19-Feb	Garnett, Martin	Self	Coffee		2		4	0
Win.	1800	19-Feb	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1800	20-Feb	Barnett, Lewis	Keneford	Coffee		1		2	2
Win.	1800	20-Feb	Bush, Andrew	Self	Coffee		3		3	0
Win.	1800	20-Feb	Bush, Andrew	Self	Coffee		1		2	2
Win.	1800	22-Feb	Haire, Joseph	Self	Tea	Hyson	0.25		2	3
Win.	1800	22-Feb	Haire, Joseph	Self	Coffee		1		2	2
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	22-Feb	Huntsberry, Henry	Self	Coffee		1		2	2
Win.	1800	24-Feb	Folliner, Jacob	Self	Tea	Souchong	0.25		2	1.5
Win.	1800	24-Feb	Overacre, Isaac	Self	Coffee		0.5		1	1
Win.	1800	25-Feb	Overacre, Isaac	Self	Coffee		1		2	2
Win.	1800	26-Feb	Brown, John	Self	Coffee		2		4	4
Win.	1800	1-Mar	Barnett, Lewis	Keneford	Tea	Souchong	0.25		2	1.5
Win.	1800	1-Mar	Miller, Mrs.	Apprentice	Chocolate		0.5		0	9
Win.	1800	1-Mar	Barnett, Lewis	Apprentice	Coffee		2		4	4
Win.	1800	3-Mar	Garnett, Martin	Self	Tea	Hyson	0.25		2	3
Win.	1800	3-Mar	Brown, John	Wife	Tea	Hyson	0.125		1	1.5
Win.	1800	4-Mar	Folliner, Jacob	?	Tea	Souchong	0.25		2	1.5
Win.	1800	5-Mar	Els, George	Self	Tea	Hyson	0.25		2	3
Win.	1800	7-Mar	Huntsberry, Henry	Self	Tea	Hyson	0.25		2	3
Win.	1800	11-Mar	Beall, Cephas	Self	Tea	Hyson	1		11	0
Win.	1800	11-Mar	Garnett, Martin	Self	Tea	Hyson	0.25		2	3
Win.	1800	12-Mar	Barnett, Lewis	Keneford	Tea	Hyson	0.25		2	3
Win.	1800	12-Mar	Folliner, Jacob	Brother	Tea	Souchong	0.25		2	1.5
Win.	1800	20-Mar	Overacre, Isaac	Self	Tea	Hyson	0.125		1	1.5
Win.	1800	20-Mar	Folliner, Jacob	Brother	Tea	Souchong	0.25		2	1.5
Win.	1800	21-Mar	Barnett, Lewis	Keneford	Tea	Souchong	0.25		2	1.5
Win.	1800	24-Mar	Mann, Sarah	Self	Tea	Bohe	0.125		0	7.5
Win.	1800	24-Mar	Garnett, Martin	Wife	Tea	Hyson	0.25		2	3
Win.	1800	25-Mar	Overacre, Isaac	Self	Tea	Hyson	0.25		2	3
Win.	1800	27-Mar	Overacre, Isaac	Self	Coffee		1		2	0
Win.	1800	28-Mar	Brown, John	Self	Coffee		2		4	0
Win.	1800	29-Mar	Bush, Andrew	Self	Tea	Hyson	0.125		1	1.5
Win.	1800	29-Mar	Miller, Mrs.	Kiger	Coffee		0.5		1	0
Win.	1800	29-Mar	Dennis, Patrick	Self	Coffee		1		2	0
Win.	1800	29-Mar	Barnett, Lewis	Self	Coffee		2		4	0
Win.	1800	29-Mar	Bush, Andrew	Self	Coffee		2		4	0
Win.	1800	30-Mar	Barnett, Lewis	Keneford	Coffee		1		2	0
Win.	1800	9-Apr	Beall, Cephas	Self	Tea	Hyson	1		11	0
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	9-Apr	Brown, John	Self	Tea	Hyson	0.25		2	3
Win.	1800	9-Apr	Garnett, Martin	Wife	Tea	Hyson			2	3
Win.	1800	9-Apr	Garnett, Martin	Wife	Tea	Hyson (Young)	0.25		2	9
Win.	1800	9-Apr	Seever, Henry	Self	Coffee		2		3	9
Win.	1800	9-Apr	Garnett, Martin	Wife	Coffee		2		3	9
Win.	1800	11-Apr	Folliner, Jacob	Brother	Coffee		1		1	10.5
Win.	1800	12-Apr	Overacre, Isaac	Self	Coffee		1		1	10.5
Win.	1800	14-Apr	Folliner, Jacob	Brother	Tea	Souchong	0.25		2	0
Win.	1800	15-Apr	Williams, Ebenezer	Self	Coffee		1		1	10.5
Win.	1800	16-Apr	Barnett, Lewis	Keneford	Tea	Hyson	0.25		2	3
Win.	1800	16-Apr	Longacre, Joseph	Self	Tea	Hyson	0.25		2	9
Win.	1800	18-Apr	Barnett, Lewis	Keneford	Coffee		1		1	10.5
Win.	1800	19-Apr	Mann, Sarah	Self	Tea	Bohe	0.125		0	6
Win.	1800	19-Apr	Overacre, Isaac	Self	Tea	Hyson	0.125		1	4
Win.	1800	19-Apr	Brown, John	Self	Coffee		1		1	10.5
Win.	1800	19-Apr	Overacre, Isaac	Self	Coffee		1		1	10.5
Win.	1800	26-Apr	Folliner, Jacob	Brother	Tea	Hyson	0.125		1	4.5
Win.	1800	26-Apr	Garnett, Martin	Wife	Tea	Hyson			2	3
Win.	1800	26-Apr	Garnett, Martin	Wife	Coffee		1		1	10.5
Win.	1800	28-Apr	Barnett, Lewis	Keneford	Tea	Hyson	0.25		2	3
Win.	1800	28-Apr	Knabenshuh, Jacob	Self	Coffee		1		1	10.5
Win.	1800	1-May	Huntsberry, Henry	Self	Tea	Hyson	0.25		2	9
Win.	1800	1-May	Huntsberry, Henry	Self	Coffee		3		5	7.5
Win.	1800	2-May	Overacre, Isaac	Self	Tea	Hyson	0.125		1	4.5
Win.	1800	2-May	Barnett, Lewis	Keneford	Coffee		1		1	10.5
Win.	1800	2-May	Overacre, Isaac	Self	Coffee		1		1	10.5
Win.	1800	3-May	Brown, John	Self	Tea	Hyson	0.125		1	9
Win.	1800	3-May	Folliner, Jacob	Self	Tea	Souchong	0.25		2	0
Win.	1800	3-May	Folliner, Jacob	Self	Coffee		1		1	10.5
Win.	1800	3-May	Mann, Sarah	Self	Coffee		0.5		0	11.5
Win.	1800	3-May	Brown, John	Self	Coffee		1		1	10.5
Win.	1800	5-May	Beall, Cephas	Self	Coffee		1		1	10.5
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	7-May	Longacre, Joseph	Self	Coffee		1.5		2	9.75
Win.	1800	8-May	Garnett, Martin	Self	Tea	Hyson	0.25		2	3
Win.	1800	8-May	Garnett, Martin	Self	Coffee		2		3	9
Win.	1800	10-May	Barnett, Lewis	Keneford	Tea	Hyson	0.25		2	3
Win.	1800	12-May	Bastian, Mrs.	Widow	Tea	Hyson (Young)	0.25		2	9
Win.	1800	12-May	Mann, Sarah	Self	Coffee		0.5		0	11.5
Win.	1800	12-May	Singhaas, Christian	Self	Coffee		1		1	10.5
Win.	1800	13-May	Miller, Mrs.	Self	Coffee		1		1	10.5
Win.	1800	14-May	Brown, John	Self	Tea		0.25		2	3
Win.	1800	14-May	Folliner, Jacob	Poalger, Mrs.	Tea	Souchong	0.25		2	0
Win.	1800	14-May	Brown, John	Self	Coffee		1		1	10.5
Win.	1800	16-May	Garnett, Martin	Wife	Tea	Hyson	0.25		2	3
Win.	1800	16-May	Garnett, Martin	Wife	Coffee		1		1	10.5
Win.	1800	20-May	Barnett, Lewis	Keneford	Tea	Hyson	0.25		2	3
Win.	1800	22-May	Folliner, Jacob	Poalger, Mrs.	Tea	Hyson	0.25		2	3
Win.	1800	27-May	Mann, Sarah	Self	Coffee		0.33		0	6.5
Win.	1800	28-May	Longacre, Joseph	Self	Tea	Hyson	0.5		5	6
Win.	1800	29-May	Barnett, Lewis	Keneford	Tea	Hyson	0.25		2	3
Win.	1800	29-May	Grapes & Casselm	Self	Tea	Hyson	0.25		2	3
Win.	1800	29-May	Grapes & Casselm	Self	Chocolate		1		1	6
Win.	1800	31-May	Brown, John	Self	Tea	Hyson	0.25		2	3
Win.	1800	3-Jun	Barnett, Lewis	Wife	Tea	Hyson (Young)	0.25		2	9
Win.	1800	3-Jun	Overacre, Isaac	Self	Coffee		1		1	10
Win.	1800	4-Jun	Huntsberry, Henry	Wife	Coffee		2		3	8
Win.	1800	6-Jun	Overacre, Isaac	Self	Tea	Hyson	0.125		1	1.5
Win.	1800	6-Jun	Garnett, Martin	Wife	Tea	Hyson	0.4375		3	11.25
Win.	1800	6-Jun	Overacre, Isaac	Self	Coffee		1		1	10
Win.	1800	6-Jun	Pitman, John	Self	Coffee		1		1	10
Win.	1800	6-Jun	Garnett, Martin	Wife	Coffee		1		1	10
Win.	1800	7-Jun	Barnett, Lewis	Keneford	Coffee		2		3	8
Win.	1800	10-Jun	Beall, Cephas	Self	Coffee		12		22	0
Win.	1800	10-Jun	Beall, Cephas	Self	Tea	Hyson	1		11	0
Win.	1800	10-Jun	Pitman, John	Self	Tea	Hyson (Young)	0.25		2	9
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	10-Jun	Mann, Sarah	Self	Coffee		0.5		0	11
Win.	1800	14-Jun	Brown, John	Self	Tea	Hyson (Young)	0.25		2	9
Win.	1800	14-Jun	Miller, Mrs.	Apprentice	Coffee		1		1	10
Win.	1800	14-Jun	Brown, John	Self	Coffee		1		1	10
Win.	1800	14-Jun	Garnett, Martin	Wife	Coffee		1		1	10
Win.	1800	17-Jun	Folliner, Jacob	?	Tea	Souchong	0.25		2	0
Win.	1800	18-Jun	Barnett, Lewis	Self	Tea	Hyson (Young)	0.25		2	9
Win.	1800	18-Jun	Longacre, Joseph	Self	Tea	Hyson (Young)	0.25		2	9
Win.	1800	18-Jun	Miller, Mrs.	Self	Tea	Hyson (Young)	0.125		1	4
Win.	1800	19-Jun	Kehoe, Peter	Zepp	Coffee		1		1	10
Win.	1800	20-Jun	Miller, Mrs.	?	Coffee		0.5		0	11
Win.	1800	21-Jun	Brown, Richard	James	Coffee		1		1	10
Win.	1800	21-Jun	Huntsberry, Henry	Wife	Coffee		3		5	6
Win.	1800	23-Jun	Overacre, Isaac	Self	Coffee		1		1	10
Win.	1800	23-Jun	Seever, Henry	Self	Coffee		5		9	2
Win.	1800	25-Jun	Brown, John	?	Coffee		2		3	8
Win.	1800	25-Jun	Longacre, Joseph	Self	Coffee		1		1	10
Win.	1800	26-Jun	Groves, Adam	Self	Coffee		1.5		2	9
Win.	1800	27-Jun	Garnett, Martin	Self	Tea	Souchong	0.25		2	0
Win.	1800	27-Jun	Garnett, Martin	Self	Coffee		1		1	10
Win.	1800	27-Jun	Pitman, John	Self	Coffee		2		3	8
Win.	1800	7-Jul	Overacre, Isaac	Self	Coffee		1		1	10
Win.	1800	9-Jul	Canniford, Henry	Wife	Tea	Hyson	0.25		2	6
Win.	1800	9-Jul	Huntsberry, Henry	Self	Coffee		2		3	8
Win.	1800	12-Jul	Klays, George	Wife	Tea	Hyson	0.25		2	6
Win.	1800	12-Jul	Miller, Mrs.	Self	Coffee		1		1	10
Win.	1800	15-Jul	Pitman, John	Self	Coffee		2		3	8
Win.	1800	17-Jul	Garnett, Martin	Wife	Tea	Hyson	0.25		2	6
Win.	1800	18-Jul	Mann, Sarah	Self	Coffee		0.5		0	11
Win.	1800	19-Jul	Canniford, Henry	Self	Tea	Hyson	0.25		2	6
Win.	1800	19-Jul	Groves, Adam	Wife	Tea	Hyson	0.125		1	3
Win.	1800	19-Jul	Canniford, Henry	Self	Coffee		1		1	10
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	19-Jul	Groves, Adam	Wife	Coffee		1		1	10
Win.	1800	21-Jul	Huntsberry, Henry	Self	Coffee		2		3	8
Win.	1800	22-Jul	Knabenshuh, Jacob	Self	Coffee		1		1	0
Win.	1800	26-Jul	Beall, Cephas	Self	Tea	Hyson	1		10	0
Win.	1800	26-Jul	Beall, Cephas	Self	Coffee		6		11	0
Win.	1800	29-Jul	Pitman, John	Self	Tea	Hyson	0.25		1	3
Win.	1800	29-Jul	Pitman, John	Self	Coffee		1		1	10
Win.	1800	31-Jul	Garnett, Martin	Wife	Tea	Hyson	0.25		2	6
Win.	1800	31-Jul	Garnett, Martin	Wife	Coffee		1		1	10
Win.	1800	1-Aug	Letzenberg, George	Daughter	Coffee		1		1	10
Win.	1800	1-Aug	Huntsberry, Henry	Wife	Coffee		2		3	8
Win.	1800	4-Aug	Miller, Mrs.	Self	Tea	Hyson	0.25		2	6
Win.	1800	4-Aug	Britton, Jesse	Self	Coffee		1		1	10
Win.	1800	4-Aug	Miller, Mrs.	Self	Coffee		0.5		0	11
Win.	1800	8-Aug	Mann, Sarah	Self	Coffee		1.5		2	9
Win.	1800	12-Aug	Garnett, Martin	Self	Tea	Hyson	0.25		1	7
Win.	1800	12-Aug	Garnett, Martin	Self	Coffee		1		1	10
Win.	1800	14-Aug	Pitman, John	Self	Coffee		2		3	8
Win.	1800	15-Aug	Huntsberry, Henry	Self	Coffee		2		3	8
Win.	1800	18-Aug	Pitman, John	Self	Coffee		1		1	10
Win.	1800	19-Aug	Knabenshuh, Jacob	Self	Coffee		1		1	10
Win.	1800	20-Aug	Garnett, Martin	Self	Coffee		1		1	10
Win.	1800	25-Aug	Klees, George	Self	Tea	Hyson	0.25		2	6
Win.	1800	25-Aug	Klees, George	Self	Coffee		1		1	10
Win.	1800	26-Aug	Miller, Mrs.	Apprentice	Tea	Hyson	0.125		0	10.5
Win.	1800	26-Aug	Huntsberry, Henry	Self	Coffee		1		1	10
Win.	1800	28-Aug	Letzenberg, George	Daughter	Coffee		1		1	10
Win.	1800	30-Aug	Miller, Mrs.	Apprentice	Coffee		0.5		0	11
Win.	1800	2-Sep	Huntsberry, Henry	Wife	Tea	Hyson (Young)	0.25		2	7.5
Win.	1800	2-Sep	Knabenshuh, Jacob	Self	Coffee		1		1	10
Win.	1800	2-Sep	Huntsberry, Henry	Wife	Coffee		3		5	1
Win.	1800	4-Sep	Letzenberg, George	Daughter	Coffee		1		1	10
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	4-Sep	Huntsberry, Henry	Self	Coffee		1		1	10
Win.	1800	10-Sep	Miller, Mrs.	Mother	Tea	Hyson	0.125		0	10
Win.	1800	10-Sep	Miller, Mrs.	Mother	Coffee		1		1	10
Win.	1800	11-Sep	Aulich, Charles	Self	Tea	Hyson	0.25		1	9
Win.	1800	11-Sep	Aulich, Charles	Self	Coffee		1		1	10
Win.	1800	12-Sep	Garnett, Martin	Wife	Coffee		2		3	8
Win.	1800	13-Sep	Letzenberg, George	Daughter	Coffee		1		1	10
Win.	1800	15-Sep	Hooker, William	Self	Tea	Hyson	0.25		2	6
Win.	1800	16-Sep	Mann, Sarah	Self	Coffee		1		1	10
Win.	1800	18-Sep	Folliner, Jacob	Apprentice	Tea	Hyson	0.125		1	3
Win.	1800	22-Sep	Miller, Mrs.	Mother	Tea	Hyson	0.25		1	9
Win.	1800	24-Sep	Smith, Joseph	Wife	Tea	Hyson	0.25		2	6
Win.	1800	29-Sep	Garnett, Martin	Self	Tea	Hyson	0.5		3	6
Win.	1800	11-Oct	Miller, Mrs.	Apprentice	Tea	Hyson	0.25		1	9
Win.	1800	11-Oct	Canniford, Henry	Self	Tea	Hyson	0.25		1	9
Win.	1800	18-Oct	Letzenberg, George	Self	Tea	Hyson	0.25		2	6
Win.	1800	20-Oct	Brown, John	Wife	Tea	Hyson	0.25		1	9
Win.	1800	20-Oct	Young, Adam	Self	Coffee		1		2	0
Win.	1800	21-Oct	Brown, John	?	Coffee		1		2	0
Win.	1800	22-Oct	Jones, Stephen	Self	Coffee		1		2	0
Win.	1800	23-Oct	Wood, Robert	Self	Coffee		12		24	0
Win.	1800	23-Oct	Sagatey, Peter	Self	Tea	Hyson	0.5		3	6
Win.	1800	23-Oct	Wood, Robert	Self	Tea	Hyson (Young)	0.5		5	3
Win.	1800	23-Oct	Sagatey, Peter	Self	Coffee		2		4	0
Win.	1800	24-Oct	Garnett, Martin	Wife	Tea	Hyson	0.25		2	7.5
Win.	1800	24-Oct	Garnett, Martin	Wife	Coffee		3		6	0
Win.	1800	25-Oct	Miller, Mrs.	Apprentice	Coffee		1		2	0
Win.	1800	25-Oct	Brown, John	Self	Coffee		1		2	0
Win.	1800	27-Oct	Huntsberry, Henry	Self	Coffee		1		2	0
Win.	1800	27-Oct	Pitman, John	Self	Coffee		1		2	0
Win.	1800	31-Oct	Brown, John	Self	Tea	Hyson	0.25		1	9
Win.	1800	31-Oct	Brown, John	Self	Coffee		1		2	0
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1800	1-Nov	Canniford, Henry	Self	Tea	Hyson	0.25		1	9
Win.	1800	1-Nov	Thomas, Griffith	Self	Coffee		2		4	0
Win.	1800	1-Nov	Weymer, Isaac	Self	Coffee		1		2	0
Win.	1800	3-Nov	Huntsberry, Henry	Self	Coffee		1		2	0
Win.	1800	6-Nov	Miller, Mrs.	Apprentice	Tea	Hyson	0.125		1	3
Win.	1800	8-Nov	Garnett, Martin	Wife	Tea	Hyson (Young)	0.25		2	7
Win.	1800	13-Nov	Young, Adam	Self	Tea	Hyson (Young)	0.25		2	7
Win.	1800	15-Nov	Huntsberry, Henry	Self	Coffee		1		2	0
Win.	1800	15-Nov	Brown, John	Self	Coffee		1		2	0
Win.	1800	18-Nov	Miller, Mrs.	Apprentice	Coffee		1		2	0
Win.	1800	19-Nov	Garnett, Martin	Wife	Tea	Hyson	0.25		2	3
Win.	1800	19-Nov	Garnett, Martin	Wife	Coffee		2		4	0
Win.	1800	20-Nov	Miller, Mrs.	Apprentice	Tea	Hyson	0.25		2	7.5
Win.	1800	20-Nov	Madden, Jacob	Self	Coffee		1		2	0
Win.	1800	21-Nov	Huntsberry, Henry	Self	Coffee		1		2	0
Win.	1800	22-Nov	Miller, Mrs.	Apprentice	Coffee		0.5		1	0
Middle.	1806	3-Jan	Redman, Richard	Self	Tea	Imperial	0.25		3	9
Middle.	1806	3-Jan	White, George	Self	Tea	n.d.	0.25		1	9
Middle.	1806	8-Jan	Baker, Samuel	Self	Tea	Imperial	1		13	6
Middle.	1806	11-Jan	Clark, Elias	Davy	Tea	Imperial	1		13	6
Middle.	1806	11-Jan	Clark, Elias	Davy	Coffee		6		13	6
Middle.	1806	16-Jan	Campbell, John	Self	Tea		0.25		1	9
Middle.	1806	20-Jan	Skinner, Joseph	Self	Tea	Imperial	0.125		1	10.5
Middle.	1806	24-Jan	Stewart, Willam	Ben	Tea	Imperial	0.125		1	10.5
Middle.	1806	29-Jan	Moore, William	Self	Tea	Imperial	0.125		1	10.5
Middle.	1806	31-Jan	Seopeus, James	Self	Tea				2	1
Middle.	1806	3-Feb	Senseny, John	Self	Tea		15		15	0
Middle.	1806	3-Feb	Skinner, Joseph	Self	Tea	Imperial	0.125		1	10.5
Middle.	1806	5-Feb	Baker, Samuel	Lady	Tea	Imperial	1		13	6
Middle.	1806	10-Feb	Campbell, John	Self	Tea	Imperial	0.25		3	9
Middle.	1806	12-Feb	Skinner, Joseph	Self	Tea				1	6
Middle.	1806	21-Feb	Earle, Esias	Self	Tea	Imperial	0.25		3	9
Middle.	1806	8-Mar	Campbell, John	Self	Tea	Hyson (Young)	0.25		2	9
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Middle.	1806	8-Mar	Menzis, Samuel	Self	Tea	Imperial	0.5		6	6
Middle.	1806	8-Mar	Airheart, Michael	Self	Tea					
Middle.	1806	11-Mar	Skinner, Joseph	Self	Tea	Imperial	0.125		1	10.5
Middle.	1806	21-Mar	Hoge, Solomon	Self	Tea	Imperial	0.25		3	9
Middle.	1806	22-Mar	Stewart, Willam	Lady	Tea	Hyson (Young)	0.25		2	9
Middle.	1806	22-Mar	Baker, Samuel	Self	Coffee		2		4	6
Middle.	1806	2-Apr	Redman, Richard	Self	Tea	Imperial			3	9
Middle.	1806	8-Apr	Baker, Samuel	Dick	Tea	Imperial			3	9
Middle.	1806	8-Apr	Menzis, Samuel	Self	Tea	Imperial	1		15	0
Middle.	1806	12-Apr	Campbell, John	Self	Tea				0	7.5
Middle.	1806	19-Apr	Baker, Samuel	Self	Tea	Imperial	0.25		3	9
Middle.	1806	24-Apr	Redman, Richard	Brother	Tea	Imperial	0.5		7	6
Middle.	1806	13-May	Baker, Samuel	Self	Tea	Imperial	0.25		3	9
Middle.	1806	20-May	Earle, Esias	Self	Tea	Hyson (Young)	0.25		2	9
Middle.	1806	22-May	Baker, Samuel	Self	Tea	Imperial	0.25		3	9
Middle.	1806	26-May	Earle, Esias	Self	Tea		0.25		2	6
Middle.	1838	11-May	Bowman, Jacob	Self	Coffee		50	7.75		
Middle.	1838	11-May	Holsinger, John	Self	Coffee		12	1.5		
Middle.	1838	15-May	Bowman, George	Self	Coffee		25	4		
Middle.	1838	15-May	Wiggins, Walkin	Self	Coffee		16	2		
Middle.	1838	17-May	?	Self	Coffee		6	1		
Middle.	1838	17-May	Furnace, Emanuel	Self	Coffee		16	2		
Middle.	1838	19-May	Holsinger, ?	Self	Coffee		24	3		
Middle.	1838	19-May	Knapp, J.	Self	Coffee		8	1		
Middle.	1838	22-May	Copp, William	Self	Coffee		20	2.8		
Middle.	1838	22-May	Copp, William	Self	Coffee		20	2.8		
Middle.	1838	22-May	Wright, ?	Self	Coffee		30	4.2		
Middle.	1838	22-May	Bozalman?, Abraham?	Self	Coffee		30	4.2		
Middle.	1838	22-May	Rhodes, Abraham	Self	Coffee		30	4.2		
Middle.	1838	24-May	Good, Joshua	Self	Coffee		20	2.8		
Middle.	1838	24-May	Rhodes, Abraham	Self	Coffee		25	3.125		
Middle.	1838	26-May	Browning, ?	Self	Coffee		2	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Middle.	1838	30-May	Faidley, D.	Self	Coffee		14	2.06		
Middle.	1838	30-May	?	Self	Coffee		2	0.25		
Middle.	1838	2-Jun	Kendrick, ?	Self	Coffee		16	2		
Middle.	1838	4-Jun	Jordan, Jacob	Self	Coffee		10	1.4		
Middle.	1838	4-Jun	Pennywate, John	Self	Coffee		25	3.5		
Middle.	1838	7-Jun	Bennett, John	Self	Coffee		10	1.25		
Middle.	1838	7-Jun	Bennett, John	Self	Coffee		20	2.2		
Middle.	1838	7-Jun	Bennett, John	Self	Coffee		30	3.75		
Middle.	1838	14-Jun	Copp, William	Self	Coffee		14	1.96		
Middle.	1838	15-Jun	Kline, Henry	Self	Coffee		25	3.125		
Middle.	1838	15-Jun	Pettebough?	Self	Coffee		2	0.25		
Middle.	1838	16-Jun	Hamman, Ruben	Self	Coffee		25	3.5		
Middle.	1838	24-Jun	Crawford, William	Self	Coffee		2	0.42		
Middle.	1838	24-Jun	Macaltred?, Henry	Self	Coffee		6	0.75		
Middle.	1838	4-Aug	Webb, David	Self	Coffee		40	5.6		
Middle.	1838	6-Aug	Kline, ??	Self	Chocolate		1	0.125		
Middle.	1838	6-Aug	Burner, H?	Self	Coffee		2	0.28		
Middle.	1838	6-Aug	Burner, H?	Self	Coffee		2	0.23		
Middle.	1838	6-Aug	Burner, H?	Self	Coffee		2	0.25		
Middle.	1838	6-Aug	Miller, A.	Self	Coffee		8	1		
Middle.	1838	6-Aug	Kline, ?	Self	Coffee		25	3.5		
Middle.	1838	6-Aug	Kline, ?	Self	Coffee		6	0.84		
Middle.	1838	6-Aug	Kline, ??	Self	Coffee		50	7		
Middle.	1838	7-Aug	Allen, Adam	Self	Coffee		15	1.875		
Middle.	1838	10-Aug	Hockman, Reuben	Self	Coffee		12	1.5		
Middle.	1838	16-Aug	Holsinger, Philip	Self	Coffee		12	1.5		
Middle.	1838	16-Aug	Lantz, ?	Self	Coffee		60	7.5		
Middle.	1838	5-Sep	Benson, William	Self	Coffee		4	0.48		
Middle.	1838	11-Sep	Mau?y, John	Self	Coffee		4	0.5		
Middle.	1838	18-Sep	Boyers, David	Self	Coffee		21	2.625		
Middle.	1838	18-Sep	?, Reuben	Self	Coffee		80	11.2		
Middle.	1838	2-Oct	Smook	Self	Coffee		16	2		
Middle.	1838	3-Oct	Philips, Henry	Self	Coffee		24	3		
Middle.	1838	3-Oct	Armat?, William	Self	Coffee		10	1.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Middle.	1838	15-Oct	?	Self	Coffee		38	4.75		
Middle.	1838	25-Oct	Brown, Rudolph	Self	Coffee		8	1		
Middle.	1838	25-Oct	Shaver, George	Self	Coffee		50	6.75		
Middle.	1838	3-Nov	Jackson, ? A.	Self	Coffee		4	0.56		
Middle.	1838	3-Nov	Good, Joshua	Self	Coffee		50	7		
Middle.	1838	7-Nov	Fristoe?, Silas	Self	Coffee		20	2.5		
Middle.	1838	8-Nov	Bartlett, John	Self	Coffee		25	2.75		
Middle.	1838	8-Nov	Bartlett, Thomas	Self	Coffee		25	2.75		
Middle.	1838	8-Nov	Wilkin, A?	Self	Coffee		24	3		
Middle.	1838	8-Nov	Buck?, John	Self	Coffee		8.25	1		
Middle.	1838	9-Nov	Bower, Ed?	Self	Coffee		10	1.25		
Middle.	1838	9-Nov	Pennywate, John	Self	Coffee		25	3.5		
Middle.	1838	10-Nov	Thompson, Henry	Self	Coffee		10	1.4		
Middle.	1838	10-Nov	Thompson, Henry	Self	Coffee		75	8.25		
Middle.	1838	10-Nov	Foltz?, Martin	Self	Coffee		50	7		
Middle.	1838	10-Nov	Timberlake, Capt.	Self	Coffee		20	2.8		
Middle.	1838	10-Nov	Neff, David	Self	Coffee		12	1.5		
Middle.	1838	15-Nov	Ainb?, John	Self	Coffee		25	3.125		
Middle.	1838	15-Nov	Philips, William	Self	Coffee		4	0.5		
Middle.	1838	15-Nov	Maphis, William	Self	Coffee		8	1		
Middle.	1838	15-Nov	Maphis, William	Self	Coffee		3	0.375		
Middle.	1838	20-Nov	Pierce, William	Self	Coffee		16	2		
Middle.	1838	28-Nov	Arminstrout?, Fayette	Self	Coffee		50	7		
Middle.	1838	4-Dec	Wood, Joshua	Self	Coffee		60	7.5		
Middle.	1838	4-Dec	Bible?, John	Self	Coffee		100	12.5		
Middle.	1838	4-Dec	Copp, John	Self	Coffee		11	1.55		
Middle.	1838	5-Dec	Black, William	Self	Coffee		5	0.625		
Middle.	1838	5-Dec	Keller, William	Self	Coffee		28.5	4		
Middle.	1838	7-Dec	?ove, Chistian	Self	Coffee		35	4.9		
Middle.	1838	7-Dec	Kniseley, David	Self	Coffee		5	0.7		
Middle.	1838	7-Dec	Philips, Robert	Self	Coffee		18.25	2.56		
Middle.	1838	7-Dec	Clem, John	Self	Coffee		50	7		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Middle.	1838	7-Dec	Lichliter?, William	Self	Coffee		7	0.93		
Middle.	1838	7-Dec	Funkhouser, William	Self	Coffee		4	0.5		
Middle.	1838	11-Dec	Buckwalter, Anthony	Self	Coffee		6	0.84		
Middle.	1838	13-Dec	Moyer, Rudolph	Self	Coffee		40	4.6		
Middle.	1838	15-Dec	Wood, ?	Self	Coffee		10	1.4		
Middle.	1838	15-Dec	?agley, Robert	Self	Coffee		50	7		
Middle.	1838	18-Dec	Funkhouser, Noah	Self	Chocolate		1	0.125		
Middle.	1838	18-Dec	Cullen, John	Self	Coffee		15	2.1		
Middle.	1838	18-Dec	Funkhouser, Noah	Self	Coffee		7.142	1		
Middle.	1838	18-Dec	Rhodes, ?	Self	Coffee		20	2.8		
Middle.	1838	19-Dec	Bocton?, Philip	Self	Coffee		5	0.625		
Middle.	1838	21-Dec	Saum?, John	Self	Coffee		24	3.36		
Middle.	1838	24-Dec	Glick, Josuhua	Self	Coffee		104	14.04		
Middle.	1838	26-Dec	?, ?	Self	Coffee		20	2.8		
Middle.	1838	28-Dec	Painter, ?	Self	Coffee		45	5.625		
Middle.	1839	8-Jan	Whidance?, George	Self	Coffee		14	1.96		
Middle.	1839	11-Jan	Foreman, Samuel	Self	Coffee		2	0.28		
Middle.	1839	11-Jan	Honegandenen?, John	Self	Coffee		12	1.68		
Middle.	1839	24-Jan	Smith, Joshua	Self	Coffee		10	1.4		
Middle.	1839	26-Jan	Pangle, William	Self	Coffee		4	0.5		
Middle.	1839	29-Jan	?, Mr.	Self	Coffee		15	2.25		
Middle.	1839	7-Feb	Smith, William	Self	Coffee		4	0.6		
Middle.	1839	20-Feb	??	Self	Coffee		6	0.9		
Middle.	1839	20-Feb	??	Self	Coffee		10	1.5		
Middle.	1839	16-Apr	Sore?, ?	Self	Coffee		20	2.6		
Middle.	1839	16-Apr	Driver?, David	Self	Coffee		10	1.3		
Middle.	1839	16-Apr	Soafland?, George	Self	Coffee		44	5.72		
Middle.	1839	23-Apr	Hickman, Ruben	Self	Coffee		30	3.9		
Middle.	1839	23-Apr	Rhodes, Abm.	Self	Coffee		25	3.25		
Middle.	1839	2-May	Hagg, A?	Self	Coffee		30	3.75		
Middle.	1839	11-Jun	?, Joshua	Self	Coffee			4.1		
Win.	1841	1-Jun	Lockmiller, Joseph	Lady	Coffee		2			
Win.	1841	1-Jun	Cather, James	Self	Coffee		10			
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1841	3-Jun	McKee, Joseph	Self	Coffee		2			
Win.	1841	9-Jun	Lockmiller, Joseph	Self	Coffee		1			
Win.	1841	15-Jun	Elliot, William	Self	Coffee		2			
Win.	1841	16-Jun	Cather, James	Self	Tea	Imperial (Super)	1	1.25		
Win.	1841	16-Jun	McKee, Elias	Self	Coffee		2			
Win.	1841	19-Jun	Anderson, Daniel	Self	Coffee		2			
Win.	1841	22-Jun	Kern, George	Self	Coffee		2			
Win.	1841	26-Jun	McKee, Joseph	Self	Coffee		4	0.6		
Win.	1841	26-Jun	McKee, Joseph	Self	Coffee		2			
Win.	1841	26-Jun	Marpole, Enoch	Self	Coffee		2	0.3		
Win.	1841	26-Jun	Elliot, William	Self	Coffee		4			
Win.	1841	2-Jul	McKee, Robert	Lady	Tea		0.125			
Win.	1841	2-Jul	McKee, Robert	Lady	Coffee		1			
Win.	1841	5-Jul	McKee, Jesse	Self	Coffee		2			
Win.	1841	6-Jul	Cather, James	Self	Chocolate					
Win.	1841	6-Jul	Cather, James	Self	Coffee		10			
Win.	1841	7-Jul	Keckley, Elias	Self	Tea		0.25			
Win.	1841	7-Jul	Lovett, Johnathan	Self	Tea		0.25			
Win.	1841	7-Jul	Keckley, Elias	Self	Chocolate					
Win.	1841	7-Jul	Keckley, Elias	Self	Coffee		3			
Win.	1841	9-Jul	Leffen?, John	Self	Coffee		2			
Win.	1841	15-Jul	Lockmiller, Joseph	Self	Coffee		2			
Win.	1841	20-Jul	Anderson, Sydnor?	Self	Coffee		6			
Win.	1841	21-Jul	Eno, Edward	Self	Coffee	Rio?	2	0.15		
Win.	1841	22-Jul	Hix, Eli	Self	Coffee		3			
Win.	1841	22-Jul	Popkins, Craven	Self	Coffee		4			
Win.	1841	23-Jul	Anderson, Daniel	Brother	Tea	Imperial	0.25			
Win.	1841	26-Jul	Lovett, Johnathan	Self	Tea		0.5			
Win.	1841	26-Jul	Lovett, Johnathan	Self	Coffee		2			
Win.	1841	26-Jul	Hammaus?, Joseph	Self	Coffee		4			
Win.	1841	4-Aug	Lockmiller, Joseph	Son	Coffee		2			
Win.	1841	6-Aug	Keckley, Elias	Self	Coffee		1.5			
Win.	1841	6-Aug	Marpole, Enoch	Son	Coffee		2			
Win.	1841	9-Aug	Eno, Edward	Self	Coffee		2			
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence
Win.	1841	13-Aug	Tiffen, Samuel	Lady	Coffee		2			
Win.	1841	13-Aug	Keckley, Elias	Self	Coffee		1.5			
Win.	1841	14-Aug	Anderson, Daniel	Brother	Coffee		2			
Win.	1841	23-Aug	Keckley, Elias	Self	Coffee		1			
Win.	1841	28-Aug	Eno, Edward	Self	Coffee		2			
Win.	1841	1-Sep	Marpole, Enoch	Self	Coffee		2			
Win.	1841	6-Sep	Lovett, Johnathan	Self	Chocolate		1			
Win.	1841	6-Sep	Anderson, Sydnor?	Jeremiah	Coffee		3			
Win.	1841	6-Sep	Lovett, Johnathan	Self	Coffee		2			
Win.	1841	6-Sep	Hix, Eli	Self	Coffee		6			
Win.	1841	10-Sep	Wheat, Beuon?	Self	Coffee		2			
Win.	1841	11-Sep	Giffin, John	Self	Coffee		1			
Win.	1841	13-Sep	Lovett, Johnathan	Son	Tea	Imperial	0.25			
Win.	1841	13-Sep	Lockhart, Josiah	Robert	Coffee		6.66	1		
Win.	1841	13-Sep	Lovett, Johnathan	Son	Coffee		2			
Win.	1841	18-Sep	Elliot, William	Self	Coffee		3			
Win.	1841	18-Sep	Tripplett, John	Self	Coffee		2	0.3		
Win.	1841	20-Sep	Anderson, Daniel	Self	Coffee		2			
Win.	1841	21-Sep	McKee, Joseph	Self	Coffee		2			
Win.	1841	22-Sep	Crumley?, Henry	Self	Tea	Imperial	0.25			
Win.	1841	23-Sep	Hix, Eli	Self	Tea	Imperial	0.25			
Win.	1841	23-Sep	Hix, Eli	Self	Coffee		6			
Win.	1841	23-Sep	Kern, George	Self	Coffee		2	0.3		
Win.	1841	24-Sep	Marpole, Enoch	Self	Coffee		2			
Win.	1841	25-Sep	Cather, James	?	Coffee		2			
Win.	1841	25-Sep	Lovett, Johnathan	Son	Coffee		2			
Win.	1841	27-Sep	Lockhart, Josiah	Self	Coffee		3			
Win.	1841	28-Sep	McKee, Robert	Self	Tea	Hyson (Young)	0.5	0.37		
Win.	1841	28-Sep	Lovett, Johnathan	Son	Tea	Imperial	0.5			
Win.	1841	28-Sep	Lovett, Johnathan	Son	Coffee		2			
Win.	1841	30-Sep	Chapman, Jonah	Self	Tea		0.25			
Win.	1841	1-Oct	Marpole, Enoch	Self	Coffee		2	0.3		
Win.	1841	4-Oct	Hammaus?, Joseph	Self	Tea		0.25			

Win.	1841	7-Oct	Lovett, Johnathan	Jonathon	Coffee		1	0.15		
Win.	1841	7-Oct	McKee, Joseph	Self	Coffee		2	0.3		
Win.	1841	7-Oct	Carpenter, Smith?	Self	Coffee		4	0.6		
Win.	1841	9-Oct	Lockhart, Josiah	Daughter	Coffee		3	0.45		
Win.	1841	9-Oct	Marpole, Enoch	Self	Coffee		2	0.3		
Win.	1841	9-Oct	Pool, Martin	Self	Coffee		2	0.3		
Win.	1841	12-Oct	Anderson, Daniel	Brother	Coffee		2	0.3		
Win.	1841	12-Oct	Lovett, Johnathan	Self	Coffee		3	0.45		
Win.	1841	16-Oct	Lockhart, Josiah	?	Coffee		1	0.15		
Win.	1841	18-Oct	Lockhart, Josiah	Daughter	Coffee		5	0.6		
Win.	1841	20-Oct	Marpole, Enoch	Self	Coffee		2	0.3		
Win.	1841	20-Oct	Anderson, Daniel	Self	Coffee		2	0.3		
Win.	1841	21-Oct	Fletcher, James	Self	Tea					
Win.	1841	21-Oct	Popkins, Craven	Self	Tea	Imperial	0.25			
Win.	1841	21-Oct	Wheat, Beuon?	Self	Coffee		3	0.45		
Win.	1841	21-Oct	Cather, James	Self	Coffee		16	2.4		
Win.	1841	25-Oct	McKee, Joseph	Self	Coffee		2	0.3		
Win.	1841	26-Oct	Anderson, Sydnor?	Self	Tea	Imperial	0.25			
Win.	1841	26-Oct	Cowgill, John	Self	Coffee		2	0.3		
Win.	1841	27-Oct	Anderson, Daniel	Self	Coffee		2	0.3		
Win.	1841	29-Oct	Furr, Newton	Self	Coffee		2	0.3		
Win.	1841	30-Oct	Eno, Edward	Self	Coffee		2	0.3		
Win.	1841	30-Oct	Tripplett, Nathaniel	Self	Coffee		1	0.12		
Win.	1841	30-Oct	Tripplett, John	Brother	Coffee	Rio	2	0.25		
Win.	1841	1-Nov	Fletcher, James	Self	Coffee		4	0.6		
Win.	1841	2-Nov	Hix, Eli	Son	Coffee		5			
Win.	1841	3-Nov	Anderson, Sydnor?	Brother	Coffee		3			
Win.	1841	3-Nov	Keckley, Elias	Self	Coffee		2			
Win.	1841	6-Nov	McKee, Joseph	Self	Coffee		2			
Win.	1841	7-Nov	Pool, Martin	Father	Coffee		2			
Win.	1841	10-Nov	Anderson, Daniel	Brother	Coffee		2			
Win.	1841	13-Nov	McKee, Joseph	Self	Coffee		2			
Win.	1841	13-Nov	Cather, Washington	Self	Coffee					
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1841	13-Nov	Giffin, John	Self	Coffee		2			
Win.	1841	17-Nov	Hix, Eli	Self	Tea		0.25			
Win.	1841	17-Nov	Lovett, Johnathan	Self	Tea		0.25			
Win.	1841	17-Nov	Hix, Eli	Self	Coffee		4			
Win.	1841	17-Nov	Lovett, Johnathan	Son	Coffee		2			
Win.	1841	18-Nov	Eno, Edward	Self	Coffee		2			
Win.	1841	19-Nov	Anderson, Daniel	Brother	Coffee		2			
Win.	1841	21-Nov	Hook, Thomas	Self	Tea		0.25			
Win.	1841	22-Nov	McKee, Joseph	Self	Coffee		2			
Win.	1841	25-Nov	Marpole, Enoch	Son	Coffee		2			
Win.	1841	26-Nov	Triplett, Nathaniel	Self	Coffee		1			
Win.	1841	27-Nov	Anderson, Daniel	Self	Coffee		2	0.35		
Win.	1841	27-Nov	Triplett, John	Self	Coffee		3			
Win.	1841	1-Dec	Hix, Eli	Self	Coffee		3			
Win.	1841	6-Dec	Anderson, Daniel	Self	Coffee		1			
Win.	1841	6-Dec	Keckley, Elias	Self	Coffee		2			
Win.	1841	6-Dec	McKee, Joseph	Self	Coffee		2	0.25		
Win.	1841	6-Dec	Whitacre, Wilson	Self	Coffee		4			
Win.	1841	18-Dec	Hix, Eli	Self	Coffee		2			
Win.	1841	21-Dec	Hix, Eli	Self	Coffee		3			
Win.	1841	22-Dec	Keckley, Elias	Self	Coffee		2			
Win.	1841	27-Dec	Anderson, Daniel	Brother	Coffee		1			
Win.	1841	27-Dec	Lovett, Mahlon	Self	Coffee		1			
Win.	1842	8-Jan	Horn, John	Self	Coffee		2	0.3		
Win.	1842	8-Jan	Pool, Martin	Self	Coffee		2	0.25		
Win.	1842	8-Jan	Keckley, Elias	Son	Coffee		1.5			
Win.	1842	10-Jan	Marpole, Enoch	Self	Coffee		1			
Win.	1842	12-Jan	Hix, Eli	Self	Coffee		6			
Win.	1842	15-Jan	McKee, Jesse	Self	Coffee		2			
Win.	1842	19-Jan	Giffin, John	?	Coffee		2	0.3		
Win.	1842	27-Jan	Pool, Martin	Self	Coffee		2			
Win.	1842	1-Feb	Crumley?, Henry	Self	Coffee		3			
Win.	1842	2-Feb	Anderson, Daniel	Brother	Coffee		1			
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1842	15-Feb	Lovett, Johnathan	Self	Coffee		4	0.6		
Win.	1842	15-Feb	Pool, Martin	Wife	Coffee		2			
Win.	1842	18-Feb	Giffin, Samuel	Wife	Coffee		3.5			
Win.	1842	1-Mar	Anderson, Daniel	Self	Coffee		1	0.15		
Win.	1842	7-Mar	Lovett, Johnathan	Self	Tea	Imperial	0.5			
Win.	1842	7-Mar	Lovett, Johnathan	Self	Coffee		10	1.5		
Win.	1842	11-Mar	McKee, Joseph	Margery	Coffee		2	0.25		
Win.	1842	18-Mar	Lockhart, Josiah	Kitty	Coffee		4	0.6		
Win.	1842	19-Mar	Crumley?, Henry	Self	Coffee		2	0.3		
Win.	1842	19-Mar	Cather, James	Self	Coffee		2	0.3		
Win.	1842	21-Mar	McKee, Joseph	Self	Coffee		1	0.15		
Win.	1842	22-Mar	Anderson, Daniel	Self	Coffee		1	0.15		
Win.	1842	22-Mar	Keckley, Elias	Son	Coffee		2	0.3		
Win.	1842	24-Mar	Hammaus?, Joseph	Self	Coffee		4	0.6		
Win.	1842	25-Mar	Lockhart, Josiah	Kitty	Coffee		2	0.3		
Win.	1842	1-Apr	Fletcher, James	Self	Coffee		2	0.3		
Win.	1842	1-Apr	Kern, Nathan	Self	Coffee		3	0.45		
Win.	1842	1-Apr	McKee, Jesse	Self	Coffee		2	0.3		
Win.	1842	1-Apr	Keckley, Elias	Son	Coffee		1.5	0.22		
Win.	1842	2-Apr	McKee, Joseph	Margery	Coffee		2	0.3		
Win.	1842	2-Apr	McKee, Robert	Son	Coffee		2	0.3		
Win.	1842	4-Apr	Eno, Edward	Self	Tea					
Win.	1842	4-Apr	Anderson, Daniel	Self	Coffee		1	0.15		
Win.	1842	4-Apr	McKee, Joseph	Self	Coffee		1	0.15		
Win.	1842	4-Apr	Eno, Edward	Self	Coffee		2	0.3		
Win.	1842	8-Apr	Cather, James	John	Tea		0.5			
Win.	1842	8-Apr	Pool, Martin	Johnson, D.	Tea		0.25	0.19		
Win.	1842	8-Apr	McKee, Joseph	Self	Tea		0.25			
Win.	1842	8-Apr	Anderson, Sydnor?	Jerry	Coffee		2	0.3		
Win.	1842	8-Apr	McKee, Joseph	Self	Coffee		1	0.15		
Win.	1842	8-Apr	Marpole, Enoch	Son	Coffee		1	0.15		
Win.	1842	16-Apr	McKee, Joseph	Self	Coffee		1	0.15		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1842	16-Apr	Lockmiller, Joseph	Son	Coffee		2	0.3		
Win.	1842	17-Apr	Lockhart, Josiah	Son	Coffee		3	0.45		
Win.	1842	18-Apr	Hix, Eli	Son	Coffee		2	0.3		
Win.	1842	21-Apr	Lockhart, Josiah	Sam	Tea		0.25			
Win.	1842	21-Apr	Kern, George	Son	Coffee		1	0.15		
Win.	1842	30-Apr	Lockhart, Josiah	Sam	Coffee		3	0.45		
Win.	1842	30-Apr	Giffin, Samuel	Son	Coffee		2	0.3		
Win.	1842	30-Apr	Muse, Edward	Son	Coffee		1	0.15		
Win.	1842	2-May	Hammaus?, Joseph	Self	Tea		0.25	0.19		
Win.	1842	2-May	Giffin, John	Bart?	Coffee		3	0.45		
Win.	1842	2-May	Anderson, Daniel	Self	Coffee		1	0.15		
Win.	1842	2-May	Anderson, Paul	Self	Coffee		2	0.3		
Win.	1842	2-May	Lockmiller, Joseph	Son	Coffee		2			
Win.	1842	2-May	Lockmiller, Joseph	Son	Coffee		2			
Win.	1842	4-May	Hix, Eli	Self	Tea		0.25	0.49		
Win.	1842	4-May	Lockhart, Josiah	Son	Tea		0.25			
Win.	1842	4-May	Anderson, Sydnor?	Self	Coffee		2	0.3		
Win.	1842	4-May	Hix, Eli	Self	Coffee		6	0.6		
Win.	1842	4-May	Giffin, Samuel	Self	Coffee		2	0.33		
Win.	1842	7-May	Crumley?, Henry	Self	Tea		0.25			
Win.	1842	7-May	Hammaus?, Joseph	Self	Coffee		5	0.75		
Win.	1842	7-May	Crumley?, Henry	Self	Coffee		5			
Win.	1842	8-May	Anderson, Daniel	Self	Coffee		1	0.15		
Win.	1842	14-May	Hammaus?, Joseph	?	Coffee		2	0.3		
Win.	1842	14-May	Wheat, Beuon?	Ruth	Coffee		2	0.3		
Win.	1842	14-May	Kern, George	Son	Coffee		2	0.3		
Win.	1842	17-May	Eno, Edward	Self	Coffee		1	0.15		
Win.	1842	17-May	Wheat, Beuon?	Self	Coffee		4			
Win.	1842	18-May	McKee, Robert	Daughter	Tea	Imperial	0.25			
Win.	1842	18-May	Lockhart, Josiah	?	Coffee		2	0.3		
Win.	1842	18-May	Triplett, Nathaniel	?	Coffee		1			
Win.	1842	18-May	Kern, Samuel	Self	Coffee		4			
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1842	21-May	Anderson, Daniel	Self	Tea	Imperial	0.125	0.15		
Win.	1842	23-May	Anderson, Paul	Self	Coffee		4	0.6		
Win.	1842	24-May	Wheat, Beuon?	Self	Tea		0.25			
Win.	1842	24-May	Lockhart, Josiah	Self	Coffee		5	0.75		
Win.	1842	24-May	Anderson, Sydnor?	Self	Coffee		2			
Win.	1842	26-May	Eno, Edward	Self	Tea		0.25			
Win.	1842	28-May	Lockmiller, Joseph	Self	Coffee		1			
Win.	1842	31-May	Horn, John	Hix, Eli	Coffee		2	0.3		
Win.	1842	1-Jun	Hammaus?, Joseph	Self	Tea	Imperial	0.5			
Win.	1842	1-Jun	Hammaus?, Joseph	Self	Coffee		3			
Win.	1842	1-Jun	Lockhart, Josiah	Self	Coffee		3			
Win.	1842	3-Jun	Elliot, William	Self	Coffee		2	0.25		
Win.	1842	5-Jun	Lockhart, Josiah	Self	Coffee		4	0.6		
Win.	1842	6-Jun	Lockmiller, Joseph	Son	Coffee		1	0.125		
Win.	1842	7-Jun	Lovett, Mahon	Lady	Coffee		2	0.3		
Win.	1842	7-Jun	Eno, Edward	Self	Coffee		2	0.3		
Win.	1842	9-Jun	McKee, Robert	Lady	Coffee		1			
Win.	1842	9-Jun	Keckley, Elias	Self	Coffee		3			
Win.	1842	11-Jun	McKee, Joseph	Self	Coffee		1			
Win.	1842	11-Jun	Kern, Nathan	Self	Coffee		2			
Win.	1842	11-Jun	McKee, Jesse	Self	Coffee		6			
Win.	1842	14-Jun	Lockmiller, Joseph	Son	Coffee		1			
Win.	1842	24-Jun	McKee, Robert	Lady	Tea		0.5			
Win.	1842	25-Jun	Lockhart, Josiah	Robert	Coffee		3.33	0.5		
Win.	1842	29-Jun	Lovett, Johnathan	Self	Tea		2			
Win.	1842	29-Jun	Lovett, Mahon	Son	Tea	Imperial	0.25			
Win.	1842	29-Jun	Lovett, Johnathan	Self	Chocolate		1			
Win.	1842	29-Jun	Wheat, Beuon?	Self	Coffee		2			
Win.	1842	29-Jun	Lovett, Johnathan	Self	Coffee		1			
Win.	1842	29-Jun	Lockmiller, Joseph	Son	Coffee		3			
Win.	1842	2-Jul	McKee, Joseph	Self	Coffee		2			
Win.	1842	8-Jul	Wheat, Beuon?	Chapman, R.	Tea		0.125			
Win.	1842	8-Jul	Triplett, John	Son	Coffee		2			
Win.	1842	8-Jul	Lockmiller, Joseph	Son	Coffee		1			
Win.	1842	8-Jul	Lockmiller, Joseph	Son	Coffee		1			
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1842	9-Jul	Anderson, Daniel	Mother	Coffee		1	0.15		
Win.	1842	9-Jul	McKee, Joseph	Self	Coffee		2			
Win.	1842	12-Jul	Anderson, Daniel	Brother	Coffee		1	0.15		
Win.	1842	12-Jul	Kern, George	Self	Coffee		2			
Win.	1842	12-Jul	McKee, Robert	Wife	Coffee		2			
Win.	1842	14-Jul	McKee, Joseph	Self	Coffee		2			
Win.	1842	16-Jul	Crumley?, Henry	Lady	Tea	Imperial	0.5			
Win.	1842	23-Jul	Elliot, William	Self	Coffee		2			
Win.	1842	25-Jul	Giffin, Samuel	Daughter	Coffee		2	0.3		
Win.	1842	25-Jul	McKee, Joseph	Self	Coffee		1	0.15		
Win.	1842	25-Jul	Lockmiller, Joseph	Wife	Coffee		2	0.3		
Win.	1842	28-Jul	McKee, Joseph	Self	Coffee		2	0.25		
Win.	1842	30-Jul	Kern, Nathan	Self	Coffee		3			
Win.	1842	30-Jul	Elliot, William	Wife	Coffee		3	0.45		
Win.	1842	1-Aug	Lovett, Johnathan	Self	Tea		0.25			
Win.	1842	1-Aug	Anderson, Daniel	Brother	Coffee		1	0.15		
Win.	1842	1-Aug	Lovett, Johnathan	Lady	Coffee		3	0.45		
Win.	1842	1-Aug	Lockmiller, Joseph	Self	Coffee		1	0.15		
Win.	1842	3-Aug	Anderson, Daniel	Brother	Coffee		1	0.15		
Win.	1842	3-Aug	McKee, Joseph	Self	Coffee		2	0.3		
Win.	1842	3-Aug	Lovett, Johnathan	Son	Coffee		3	0.45		
Win.	1842	6-Aug	Lockmiller, Joseph	?	Coffee		2			
Win.	1842	6-Aug	Triplett, John	Bushner?	Coffee		2	0.3		
Win.	1842	6-Aug	Anderson, Paul	Self	Coffee		3	0.45		
Win.	1842	8-Aug	Crumley?, Henry	Self	Tea	Imperial	0.5			
Win.	1842	8-Aug	Crumley?, Henry	Self	Coffee		5	0.75		
Win.	1842	8-Aug	McKee, Joseph	Self	Coffee		1	0.15		
Win.	1842	8-Aug	McKee, Robert	Son	Coffee		2	0.3		
Win.	1842	13-Aug	Lockhart, Josiah	?	Coffee		3.3	0.5		
Win.	1842	13-Aug	Wheat, Beuon?	Self	Coffee		2	0.3		
Win.	1842	13-Aug	Eno, Edward	Self	Coffee		3	0.45		
Win.	1842	19-Aug	Eno, Edward	Self	Coffee		2	0.3		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

Win.	1842	26-Aug	Marpole, Enoch	Self	Coffee		2	0.3		
Win.	1842	30-Aug	Anderson, Sydnor?	Self	Coffee		2	0.3		
Win.	1842	1-Sep	Lockhart, Josiah	Samuel	Coffee		1	0.15		
Win.	1842	12-Sep	McKee, Joseph	Self	Coffee		2	0.3		
Win.	1842	12-Sep	Triplett, John	Son	Coffee		1	0.15		
Win.	1842	15-Sep	Cather, James	Self	Tea		1			
Win.	1842	15-Sep	Anderson, Paul	Self	Coffee		2	0.3		
Win.	1842	17-Sep	Crumley?, Henry	Self	Tea		1			
Win.	1842	17-Sep	Crumley?, Henry	Self	Coffee		5	0.75		
Win.	1842	27-Oct	Reed, Robert	Self	Coffee		16	2		
Win.	1842	23-Nov	Clouser?, Joseph	Self	Coffee		1	0.19		
Win.	1842	28-Nov	Clouser?, Joseph	Self	Coffee		2	0.25		
Win.	1842	5-Dec	Ritter, Henry	Self	Coffee		2	0.25		
Win.	1843	23-Jan	Lauck, Simon H.	Self	Coffee		4	0.5		
Win.	1843	8-Feb	Sealrighls?, William	Self	Coffee		1.5	0.1875		
Win.	1843	11-Feb	Smith, Robert	Self	Coffee		4	0.5		
Win.	1843	17-Feb	Lauck, Simon H.	Self	Coffee		4	0.5		
Win.	1843	2-May	Buchus?, David	Self	Coffee		4	0.5		
Win.	1843	13-Jun	Lauck, Mary	Daughter	Tea		0.25	0.185		
Win.	1843	13-Jun	Lauck, Mary	Daughter	Coffee					
Win.	1843	23-Aug	Reed, George (Rev.)	Wife	Tea	Gunpowder	0.25	0.25		
Win.	1843	24-Nov	Aulick, Frederick	Self	Coffee		10	0.94		
Win.	1843	18-Dec	Aulick, Frederick	Self	Tea	Gunpowder	0.25	0.25		
Win.	1843	20-Dec	Lauck, Simon H.	Self	Coffee		3	0.375		
Win.	1844	11-Jan	Eichelberger, Lewis	Self	Tea	Gunpowder	0.25	0.25		
Win.	1844	27-Jun	Reed, George (Rev.)	Wife	Tea	Gunpowder	0.25	0.25		
Win.	1844	29-Jun	Eichelberger, Lewis	Self	Tea	Imperial	0.25	0.25		
Win.	1844	11-Jul	Eichelberger, Lewis	Self	Tea	Imperial	0.25	0.25		
Win.	1844	15-Aug	Lauck, Simon H.	Self	Coffee		2	0.2		
Win.	1844	21-Sep	Lauck, Simon H.	Self	Coffee		2	0.2		
Win.	1844	21-Oct	Eichelberger, Lewis	Son	Tea	Gunpowder	0.25	0.25		
Win.	1844	21-Oct	Aulick, Frederick	Snyder, Miss.	Coffee		2.5	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Win.	1844	31-Oct	Aulick, Frederick	Snyder, ?	Coffee		3	0.25		
Win.	1844	4-Nov	Sperry, Peter	Son	Coffee		2	0.2		
Win.	1844	23-Nov	Aulick, Frederick	Snyder, ?	Coffee		3	0.25		
Win.	1845	11-Jan	McCord, George	Wife	Tea	Gunpowder	0.125	0.125		
Win.	1845	23-Jan	Sperry, Peter	Son	Coffee		4	0.4		
Win.	1845	25-Feb	Sperry, Peter	Daughter	Coffee		2	0.2		
Win.	1845	26-Mar	Lauck, Simon H.	Self	Coffee		4	0.4		
Win.	1845	28-Mar	Lyder, Jacob	Self	Coffee		4	0.4		
Win.	1845	14-Apr	Lauck, Simon H.	Self	Coffee		6	0.5		
Win.	1845	8-May	Lauck, Simon H.	Self	Coffee		4	0.4		
Win.	1845	12-May	Eichelberger, Lewis	Self	Tea	Gunpowder	0.25	0.25		
Win.	1845	21-Jun	Hamilton, Joseph	Wife	Tea	Hyson (Young)?		0.125		
Win.	1845	21-Jun	Hamilton, Joseph	Wife	Coffee		5	0.58		
Win.	1845	1-Jul	Lauck, Mary	Self	Tea	Imperial	0.25	0.25		
Win.	1845	1-Jul	Lauck, Mary	Self	Coffee		2	0.2		
Win.	1845	3-Jul	Eichelberger, Lewis	Self	Tea	Gunpowder	0.25	0.25		
Win.	1845	25-Jul	Eichelberger, Lewis	Son	Tea	Gunpowder	0.5	0.5		
Win.	1845	11-Aug	Eichelberger, Lewis	Self	Tea	Gunpowder	0.25	0.25		
Win.	1845	23-Aug	?, Benjamin	Self	Coffee		2	0.2		
Stras.	1845	22-Oct	Beeler, John	Wife	Coffee		6	0.6		
Stras.	1845	13-Nov	Bell, Samuel	Self	Coffee		1	0.1		
Stras.	1845	17-Nov	Bell, Samuel	Self	Coffee		2	0.2		
Stras.	1845	1-Dec	Bell, Samuel	Self	Coffee		1	0.1		
Stras.	1845	3-Dec	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1845	9-Dec	Newell, William S.	Self	Coffee		1	0.1		
Stras.	1845	10-Dec	Grove, Henry	Self	Coffee		2	0.2		
Stras.	1845	11-Dec	Kern, Isaac	Self	Tea	n.d.	0.125	0.125		
Stras.	1845	22-Dec	Grove, Henry	Self	Coffee		2	0.2		
Stras.	1846	3-Jan	Longacre, Joseph	Self	Coffee		2	0.2		
Stras.	1846	10-Jan	Spiker, Catherine	Self	Coffee		2.125	0.22		
Stras.	1846	12-Jan	Beeler, John	Self	Coffee		1	0.1		
Stras.	1846	15-Jan	Spangler, Amos	Self	Coffee		4	0.4		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

Stras.	1846	16-Jan	Strickler, John	?	Coffee		4	0.4		
Stras.	1846	26-Jan	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	4-Feb	Sonner, Samuel	Self	Coffee		3	0.3		
Stras.	1846	7-Feb	Spangler, Amos	Self	Coffee		4	0.4		
Stras.	1846	14-Feb	Barks, Noah	Self	Coffee		1	0.1		
Stras.	1846	17-Feb	Barks, Noah	Self	Coffee		9	0.9		
Stras.	1846	18-Feb	Grove, Henry	Niece	Coffee		2	0.2		
Stras.	1846	21-Feb	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	21-Feb	Miller, Thomas (Doc.)	Servant	Coffee		2	0.2		
Stras.	1846	24-Feb	Pangle, William	Wife	Coffee		2	0.2		
Stras.	1846	2-Mar	Bell, Samuel	Self	Coffee		1	0.1		
Stras.	1846	2-Mar	Miller, Thomas (Doc.)	Servant	Coffee		2	0.2		
Stras.	1846	6-Mar	Cooper, Mary	Son	Coffee		4	0.4		
Stras.	1846	10-Mar	Grove, Henry	Niece	Tea	n.d.	0.25	0.25		
Stras.	1846	11-Mar	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	11-Mar	Miller, Thomas (Doc.)	Self	Coffee		2	0.2		
Stras.	1846	12-Mar	Strickler, John	Eberly	Coffee		2	0.2		
Stras.	1846	14-Mar	Redfern, William	Self	Tea	n.d.	0.125	0.125		
Stras.	1846	14-Mar	Yost?, David	Self	Coffee		2.5	0.25		
Stras.	1846	19-Mar	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	21-Mar	Miller, Thomas (Doc.)	Self	Coffee		2	0.2		
Stras.	1846	23-Mar	Yost?, David	Self	Coffee		2.5	0.25		
Stras.	1846	25-Mar	Crabill, William	Son	Coffee		4	0.4		
Stras.	1846	26-Mar	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	27-Mar	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	1-Apr	Miller, Thomas (Doc.)	Servant	Coffee		4	0.4		
Stras.	1846	3-Apr	Redfern, William	Self	Tea	n.d.	0.125	0.125		
Stras.	1846	3-Apr	Grove, Henry	Self	Coffee		2	0.2		
Stras.	1846	16-Apr	Miller, Thomas (Doc.)	Self	Coffee		4	0.4		
Stras.	1846	16-Apr	Grove, Henry	Servant	Coffee		2	0.2		
Stras.	1846	21-Apr	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	27-Apr	Grove, Henry	Daughter	Coffee		3	0.3		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

Stras.	1846	29-Apr	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	1-May	Sonner, Harrison	Self	Coffee		10	1		
Stras.	1846	1-May	Bell, Samuel	Servant	Coffee		1	0.1		
Stras.	1846	2-May	Miller, Thomas (Doc.)	Self	Coffee		6	0.6		
Stras.	1846	6-May	Grove, Henry	Grove, J.	Tea	n.d.	0.25	0.25		
Stras.	1846	6-May	Whetzel, Henry	Wife	Coffee		7.5	0.75		
Stras.	1846	7-May	Pifer, Jacob	Self	Coffee		5	0.5		
Stras.	1846	8-May	Painter, Isaac	Self	Tea	n.d.	0.125	0.125		
Stras.	1846	8-May	Miller, Thomas (Doc.)	Self	Tea	n.d.	0.25	0.25		
Stras.	1846	8-May	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	11-May	Schultz, Benjamin	Self	Coffee		3	0.3		
Stras.	1846	13-May	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	14-May	Newell, William S.	Self	Coffee		2	0.2		
Stras.	1846	16-May	Walsh, Joseph	Self	Tea	Imperial	0.25	0.25		
Stras.	1846	19-May	Spangler, Amos	Daughter	Coffee		6	0.6		
Stras.	1846	19-May	Miller, Thomas (Doc.)	Servant	Coffee		6	0.6		
Stras.	1846	20-May	Walsh, Joseph	Self	Coffee		2	0.2		
Stras.	1846	21-May	Grove, Henry	Self	Coffee		2	0.2		
Stras.	1846	25-May	Balthis?, Jacob	Self	Coffee		3	0.3		
Stras.	1846	26-May	Strickler, John	Saffle	Coffee		2.5	0.25		
Stras.	1846	30-May	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	1-Jun	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	1-Jun	B?, Abraham	Self	Coffee		2	0.2		
Stras.	1846	3-Jun	Schultz, Benjamin	Self	Coffee		2.5	0.25		
Stras.	1846	9-Jun	Miller, Thomas (Doc.)	Self	Coffee		6	0.6		
Stras.	1846	10-Jun	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	12-Jun	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	15-Jun	Spangler, Amos	Self	Coffee		8	0.8		
Stras.	1846	16-Jun	Rosenburger, William	Self	Coffee		2	0.2		
Stras.	1846	23-Jun	Baker, Lewis	?	Coffee		4	0.4		
Stras.	1846	29-Jun	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	29-Jun	Sibert, Frederick	Son	Coffee		2	0.2		
Stras.	1846	1-Jul	Grove, Henry	Daughter	Coffee		2	0.2		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Stras.	1846	1-Jul	Miller, Thomas (Doc.)	Servant	Coffee		6	0.6		
Stras.	1846	9-Jul	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	11-Jul	Miller, Frederick	Wife	Tea	n.d.	0.125	0.125		
Stras.	1846	11-Jul	Dare, Peter	Servant	Coffee		1	0.1		
Stras.	1846	11-Jul	Yost?, David	Servant	Coffee		2.5	0.25		
Stras.	1846	16-Jul	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	17-Jul	Brown, Abraham	Self	Coffee		2	0.2		
Stras.	1846	18-Jul	Dare, Peter	Self	Coffee		2	0.2		
Stras.	1846	20-Jul	Miller, Thomas (Doc.)	Self	Coffee		6	0.6		
Stras.	1846	23-Jul	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	24-Jul	Spangler, Amos	Daughter	Coffee		4	0.4		
Stras.	1846	25-Jul	Grove, Henry	Wife	Coffee		2	0.2		
Stras.	1846	27-Jul	Baker, Abraham	Self	Coffee		4	0.4		
Stras.	1846	3-Aug	Yost?, David	Self	Coffee		2.5	0.25		
Stras.	1846	3-Aug	Hoffman, Mrs.	Sonner, Miss	Coffee		1	0.1		
Stras.	1846	4-Aug	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	4-Aug	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	4-Aug	Bell, Samuel	Servant	Coffee		1	0.1		
Stras.	1846	10-Aug	Eberly, Widow	Daughter	Coffee		2	0.02		
Stras.	1846	10-Aug	Miller, Thomas (Doc.)	Self	Coffee		2	0.2		
Stras.	1846	11-Aug	Sonner, Isaac	Wife	Coffee		2	0.2		
Stras.	1846	13-Aug	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	14-Aug	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	15-Aug	Miller, Thomas (Doc.)	Servant	Coffee		6	0.6		
Stras.	1846	17-Aug	Bell, Samuel	Servant	Coffee		1	0.1		
Stras.	1846	18-Aug	Grove, Henry	Daughter	Coffee		2.5	0.25		
Stras.	1846	18-Aug	Pifer, Jacob	Self	Coffee		5	0.5		
Stras.	1846	24-Aug	Bell, Samuel	Self	Coffee		1	0.1		
Stras.	1846	24-Aug	Grove, Henry	Son	Coffee		2	0.2		
Stras.	1846	27-Aug	Redfern, William	Son	Tea	Gunpowder	0.25	0.25		
Stras.	1846	2-Sep	Silbert, Frederick	Son	Coffee		2	0.2		
Stras.	1846	3-Sep	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	5-Sep	Strickler, John	Eberly	Coffee		2	0.2		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Stras.	1846	7-Sep	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	8-Sep	Crabill, William	Son	Coffee		5	0.5		
Stras.	1846	9-Sep	Miller, Thomas (Doc.)	Servant	Coffee		6	0.6		
Stras.	1846	10-Sep	Strickler, John	Eberly	Coffee		2	0.2		
Stras.	1846	11-Sep	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	16-Sep	Strickler, John	Eberly	Coffee		2	0.2		
Stras.	1846	17-Sep	Crabill, William	Son	Coffee		2	0.2		
Stras.	1846	19-Sep	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	19-Sep	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	21-Sep	Zea, Joseph	Self	Coffee		2	0.2		
Stras.	1846	24-Sep	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	24-Sep	Miller, Frederick	Wife	Coffee		1	0.1		
Stras.	1846	24-Sep	Moor?, Abm.	Wife	Coffee		1	0.1		
Stras.	1846	25-Sep	Funkhouser, Jacob	Estate of	Coffee		4	0.4		
Stras.	1846	25-Sep	Fitzsimons, James	Self	Coffee		5	0.5		
Stras.	1846	28-Sep	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	1-Oct	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	1-Oct	Painter, John	Self	Coffee		1	0.1		
Stras.	1846	2-Oct	Grove, Henry	Daughter	Coffee		2	0.2		
Stras.	1846	3-Oct	Miller, Thomas (Doc.)	Self	Coffee		4	0.4		
Stras.	1846	3-Oct	Zea, Joseph	Self	Coffee		2	0.2		
Stras.	1846	9-Oct	Hurn?, Isaac	Daughter	Coffee		0.5	0.05		
Stras.	1846	9-Oct	Painter, Isaac	Self	Coffee		1	0.1		
Stras.	1846	12-Oct	Bowman, Washington	Self	Coffee		3	0.3		
Stras.	1846	13-Oct	Miller, Thomas (Doc.)	Servant	Tea	n.d.	0.25	0.25		
Stras.	1846	13-Oct	Grove, Henry	Servant	Coffee		2	0.2		
Stras.	1846	14-Oct	Ridenour?, A?	Self	Coffee		3	0.3		
Stras.	1846	16-Oct	Crabill, William	Son	Coffee		5	0.5		
Stras.	1846	19-Oct	Bell, Samuel	Self	Coffee		1	0.125		
Stras.	1846	19-Oct	Miller, Thomas (Doc.)	Servant	Coffee		4	0.4		
Stras.	1846	20-Oct	Redfern, William	Son	Tea	Imperial	0.25	0.25		
Stras.	1846	21-Oct	Grove, Henry	Niece	Coffee		2	0.2		
Stras.	1846	23-Oct	Bowman, Washington	Self	Coffee		10	1		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

Stras.	1846	24-Oct	Miller, Frederick	Self	Coffee		5	0.5		
Stras.	1846	26-Oct	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	26-Oct	Walsh, Joseph	Self	Coffee		2	0.2		
Stras.	1846	31-Oct	Zea, Joseph	Self	Coffee		2	0.2		
Stras.	1846	2-Nov	Grove, Henry	Servant	Coffee		2	0.2		
Stras.	1846	3-Nov	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	9-Nov	Eberly, Catherine	Daughter	Coffee		2	0.2		
Stras.	1846	10-Nov	Grove, Henry	Self	Tea	Imperial	0.25	0.25		
Stras.	1846	10-Nov	Whetzel, Henry	Self	Coffee		5	0.5		
Stras.	1846	11-Nov	Grove, Henry	Wife	Coffee		2	0.2		
Stras.	1846	14-Nov	Painter, John	Self	Tea	Imperial	0.25	0.1875		
Stras.	1846	14-Nov	Zea, Joseph	Self	Coffee		2	0.2		
Stras.	1846	18-Nov	Spangler, Amos	Self	Coffee		4	0.4		
Stras.	1846	19-Nov	Bell, Samuel	Self	Coffee		2	0.2		
Stras.	1846	19-Nov	Yost?, David	Servant	Coffee		1.5	0.15		
Stras.	1846	20-Nov	Grove, Henry	Servant	Coffee		2	0.2		
Stras.	1846	24-Nov	Bowman, Washington	Self	Coffee		2	0.2		
Stras.	1846	27-Nov	Grove, Henry	Servant	Coffee		2	0.2		
Stras.	1846	28-Nov	Miller, Thomas (Doc.)	Self	Coffee		2	0.2		
Stras.	1846	30-Nov	Eberly, Catherine	Daughter	Coffee		2	0.2		
Stras.	1846	30-Nov	Miller, Frederick	Self	Coffee		2	0.2		
Stras.	1846	2-Dec	Finley, John	Wife	Tea	n.d.	0.125	0.125		
Stras.	1846	6-Dec	Miller, Thomas (Doc.)	Servant	Coffee		2	0.2		
Stras.	1846	6-Dec	Grove, Henry	Wife	Coffee		2	0.2		
Stras.	1846	7-Dec	Grove, Henry	Self	Coffee		1	0.1		
Stras.	1846	12-Dec	Eberly, Catherine	Self	Coffee		1	0.1		
Stras.	1846	12-Dec	Redfern, William	Self	Coffee		2.5	0.25		
Stras.	1846	16-Dec	Barks, Noah	Self	Coffee		6	0.625		
Stras.	1846	16-Dec	Grove, Henry	Wife	Coffee		2	0.2		
Stras.	1846	18-Dec	Spangler, Amos	Self	Coffee		6	0.6		
Stras.	1846	19-Dec	Eberly, Catherine	Daughter	Coffee		2	0.2		
Stras.	1846	23-Dec	Grove, Henry	Self	Coffee		1	0.1		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Stras.	1846	24-Dec	Miller, Frederick	Self	Coffee		1	0.1		
Stras.	1846	26-Dec	Grove, Henry	Wife	Coffee		2	0.2		
Stras.	1847	26-Jan	Kindrick, Samuel	?	Tea	Imperial	0.25	0.25		
Stras.	1847	18-Mar	Grove, Henry	Servant	Tea		0.125	0.125		
Stras.	1847	20-Mar	Miller, Frederick	Self	Chocolate		0.5	0.0825		
Stras.	1847	29-Mar	Richardson, John	Self	Tea		0.25	0.25		
Stras.	1847	22-Apr	Long, William	Self	Tea		0.25	0.25		
Stras.	1847	9-Jun	McCord, Mrs?	Self	Tea		0.125	0.125		
Stras.	1847	28-Jun	Downing, John	Daughter	Tea	Gunpowder	0.125	0.125		
Stras.	1847	16-Jul	Grove, Henry	Son	Tea	Imperial	0.25	0.25		
Stras.	1847	26-Aug	Painter, John	Sister	Tea		0.25	0.25		
Stras.	1847	4-Nov	Miller, Jacob	Self	Tea		0.25	0.25		
Stras.	1847	24-Dec	Grove, Henry	Son	Tea		0.25	0.25		
Stras.	1848	18-Jan	Redfern, William	Self	tea		0.125	0.125		
Stras.	1848	31-Jan	Yost, David	Self	Tea		0.125	0.125		
Stras.	1848	3-Feb	Redfern, William	Wife	Tea	Imperial	0.125	0.13		
Stras.	1848	23-Feb	Redfern, William	Son	Tea		0.25	0.125		
Stras.	1848	4-Apr	Miller, Thomas (Doc)	Servant	Tea	Imperial	0.25	0.25		
Stras.	1848	26-Apr	Byers, Philip	Wife	Tea		0.25	0.25		
Stras.	1848	7-Aug	Bowman, Isaac	Self	Tea		0.0625	0.0625		
Stras.	1848	23-Aug	Grove, Henry	Self	Tea		0.25	0.25		
Stras.	1848	23-Sep	Hurn?, Isaac	Daughter	Tea		0.125	0.125		
Stras.	1848	25-Dec	Hurn?, Isaac	Self	Tea	Imperial	0.0625	0.0625		
Stras.	1849	9-Jan	Miller, Jacob	Self	Tea	Imperial	0.25	0.25		
B.C.	1849	21-Sep	Anderson, Asa?	Marpole, Simon	Coffee		2	0.2		
B.C.	1849	22-Sep	McDonald, Gabriel	Self	Coffee		2	0.18		
B.C.	1849	24-Sep	Hock?, David	Self	Coffee		2	0.2		
B.C.	1849	24-Sep	Hanes, Henry	Self	Coffee		6	0.5		
B.C.	1849	25-Sep	Murphy, Thomas	Self	Coffee		1	0.1		
B.C.	1849	28-Sep	McDonald, Benjamin	Self	Coffee		5	0.45		
B.C.	1849	29-Sep	?, John	Self	Coffee		2	0.18		
B.C.	1849	29-Sep	McDonald, Gabriel	Self	Coffee		2	0.18		
B.C.	1849	2-Oct	Payne, John	Self	Coffee		3	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1849	2-Oct	Wilcox, Thomas	Self	Coffee		2	0.2		
B.C.	1849	4-Oct	Triplet?, John	Son	Coffee		2	0.25		
B.C.	1849	6-Oct	Colbert, Sarah	Fany	Coffee		2	0.2		
B.C.	1849	7-Oct	Allen, Robert	Jacob	Coffee		2	0.2		
B.C.	1849	8-Oct	Anderson, Margarete	Mary	Coffee		2	0.22		
B.C.	1849	8-Oct	Anderson, Asa?	Self	Coffee		2	0.2		
B.C.	1849	10-Oct	Colbert, Sarah	Self	Coffee		2	0.2		
B.C.	1849	10-Oct	Marpole, George	Self	Coffee		2	0.22		
B.C.	1849	13-Oct	Giffin, Mrs.	Self	Coffee		1	0.1		
B.C.	1849	13-Oct	Lonus?, Jesse	Self	Coffee		1	0.1		
B.C.	1849	15-Oct	Allen, Robert	Self	Tea		0.25	0.25		
B.C.	1849	15-Oct	Allen, Robert	Self	Coffee		2	0.2		
B.C.	1849	15-Oct	Hook, David	Wife	Coffee		2.5	0.25		
B.C.	1849	17-Oct	McDonald, Gabriel	Self	Coffee		2	0.22		
B.C.	1849	17-Oct	Murphy, Thomas	Self	Coffee		5	0.55		
B.C.	1849	17-Oct	Miller, Albert	Self	Coffee		2	0.22		
B.C.	1849	18-Oct	Lonus?, Jesse	Self	Coffee		1	0.1		
B.C.	1849	19-Oct	Anderson, Margarete	Self	Coffee		2	0.25		
B.C.	1849	19-Oct	Carpenter, Jason	Son	Coffee		1	0.1		
B.C.	1849	20-Oct	Triplet?, John	Self	Coffee		2.5	0.275		
B.C.	1849	22-Oct	Allen, Robert	Jacob	Coffee		2	0.2		
B.C.	1849	22-Oct	Howard, Miss?	Self	Coffee		2	0.2		
B.C.	1849	25-Oct	McDonald, Benjamin	Self	Coffee		2	0.2		
B.C.	1849	27-Oct	Payne, Eliza	Self	Coffee		10	1.1		
B.C.	1849	29-Oct	Serviner?, William	Self	Coffee		2	0.2		
B.C.	1849	30-Oct	Allen, Robert	Jacob	Tea		0.25	0.25		
B.C.	1849	30-Oct	Payne, John	Fenton	Coffee		2	0.22		
B.C.	1849	30-Oct	Allen, Robert	Jacob	Coffee		2	0.22		
B.C.	1849	1-Nov	McDonald, Gabriel	Self	Coffee		2	0.22		
B.C.	1849	2-Nov	Murphy, Jefferson	Self	Coffee		5	0.55		
B.C.	1849	3-Nov	?, John	Self	Coffee		2	0.22		
B.C.	1849	3-Nov	Triplet?, John	Self	Coffee		2	0.2		
B.C.	1849	6-Nov	Anderson, George	Self	Tea		0.125	0.125		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1849	6-Nov	Davis, Joseph	Self	Coffee		8	0.88		
B.C.	1849	8-Nov	Allen, Robert	Self	Coffee		2	0.22		
B.C.	1849	9-Nov	Hook, David	Self	Coffee		1.5	0.15		
B.C.	1849	10-Nov	Triplet, Edwin	?	Coffee		1	0.11		
B.C.	1849	10-Nov	McDonald, Gabriel	Self	Coffee		3	0.33		
B.C.	1849	10-Nov	Serviner?, Edward	Son	Coffee		1.5	0.165		
B.C.	1849	10-Nov	Triplet, John	Son	Coffee		2	0.2		
B.C.	1849	10-Nov	Payne, John	Wife	Coffee		2	0.22		
B.C.	1849	10-Nov	Payne, John	Wife	Coffee		3	0.3		
B.C.	1849	13-Nov	Hook, Samuel	Self	Coffee		5	0.55		
B.C.	1849	13-Nov	Hook, Samuel	Self	Coffee		5.5	0.55		
B.C.	1849	14-Nov	Anderson, Asa?	Self	Coffee		2	0.22		
B.C.	1849	14-Nov	Allen, Robert	Self	Coffee		1	0.11		
B.C.	1849	16-Nov	Carpenter, Lewis	Self	Coffee		2	0.2		
B.C.	1849	16-Nov	Pugh, Mahlon	Self	Coffee		2	0.22		
B.C.	1849	17-Nov	Smith, Jerimiah	Self	Tea		0.25	0.28		
B.C.	1849	17-Nov	Jackson, Ebenezer	Self	Coffee		1	0.11		
B.C.	1849	17-Nov	Brill, Harrison	Self	Coffee		2	0.22		
B.C.	1849	17-Nov	Hanes, Henry	Self	Coffee		25	2.75		
B.C.	1849	17-Nov	Smith, Jerimiah	Self	Coffee		4	0.44		
B.C.	1849	22-Nov	Anderson, George	Sister	Coffee		3	0.3		
B.C.	1849	23-Nov	Jackson, Ebenezer	Self	Coffee		2	0.2		
B.C.	1849	24-Nov	Triplet?, John	Son	Coffee		1	0.1		
B.C.	1849	24-Nov	Triplet?, John	Son	Coffee		2	0.22		
B.C.	1849	26-Nov	Evans, John	William	Tea		0.125	0.125		
B.C.	1849	27-Nov	Marpole, Thomas	Frank	Coffee		2	0.22		
B.C.	1849	27-Nov	Orindorf?, John	Self	Coffee		4	0.4		
B.C.	1849	29-Nov	Spaid, Nancy	Self	Coffee		1	0.1		
B.C.	1849	29-Nov	Fletcher, James	Son	Coffee		2	0.22		
B.C.	1849	1-Dec	Lovett, Jonathon	Son	Coffee		5	0.55		
B.C.	1849	3-Dec	Lovett, Jonathon	Judge	Tea		0.25	0.25		
B.C.	1849	4-Dec	Householder, A.J.	Judge	Tea		0.25	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1849	5-Dec	Allen, Albert	Self	Coffee		3	0.3		
B.C.	1849	5-Dec	Davis, Joseph	Self	Coffee		4	0.44		
B.C.	1849	5-Dec	Pugh, Jesse	Vincent	Coffee		2	0.22		
B.C.	1849	6-Dec	Allen, Robert	Self	Coffee		1	0.125		
B.C.	1849	8-Dec	Allen, Robert	Self	Coffee		1	0.11		
B.C.	1849	8-Dec	Triplet?, John	Self	Coffee		2.5	0.275		
B.C.	1849	11-Dec	Anderson, Asa?	Self	Coffee		2	0.22		
B.C.	1849	15-Dec	Anderson, Michael	Self	Coffee		2	0.22		
B.C.	1849	17-Dec	Anderson, George	Self	Coffee		0.5	0.05		
B.C.	1849	17-Dec	Carpenter, Lewis	Self	Coffee		6	0.75		
B.C.	1849	19-Dec	Davis, Joseph	?	Coffee		4	0.5		
B.C.	1849	19-Dec	Smith, Jerimiah	Self	Coffee		2	0.25		
B.C.	1849	21-Dec	Triplet, Edwin	Marpole	Coffee		1	0.125		
B.C.	1849	21-Dec	Allen, Robert	Self	Coffee		3	0.375		
B.C.	1849	22-Dec	Anderson, George	Self	Coffee		2	0.25		
B.C.	1849	22-Dec	Dent, George	Self	Coffee		2	0.25		
B.C.	1849	22-Dec	Hook, David	Self	Coffee		1	0.125		
B.C.	1849	24-Dec	Line?, Christopher	Self	Tea		0.25	0.25		
B.C.	1849	24-Dec	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1849	24-Dec	Horn, John	Self	Coffee		2	0.25		
B.C.	1849	24-Dec	Line?, Christopher	Self	Coffee		6	0.75		
B.C.	1849	24-Dec	Howard, Catherine	Self	Coffee		3	0.375		
B.C.	1849	27-Dec	Triplett, Edwin	Self	Coffee		3	0.375		
B.C.	1849	28-Dec	Dellinger, George	Self	Coffee		2	0.25		
B.C.	1850	2-Jan	McKee, Barton	Self	Coffee		1	0.125		
B.C.	1850	4-Jan	Dent, George	Self	Coffee		2	0.25		
B.C.	1850	5-Jan	Lockhart, Robert	Self	Tea		0.25	0.25		
B.C.	1850	5-Jan	McDonald, Gabriel	Self	Coffee		2	0.25		
B.C.	1850	5-Jan	Pool, Joseph	Self	Coffee		5	0.625		
B.C.	1850	8-Jan	Carpenter, Lewis	Self	Coffee		4	0.5		
B.C.	1850	9-Jan	Pool, Martin	Father	Coffee		5	0.625		
B.C.	1850	9-Jan	Pool, Joseph	Self	Coffee		5	0.625		
B.C.	1850	11-Jan	Allen, Robert	Jacob	Coffee		2	0.28		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

B.C.	1850	11-Jan	Kerns, William	Self	Coffee		1	0.14		
B.C.	1850	11-Jan	Oldacre, John	Self	Coffee		2	0.28		
B.C.	1850	12-Jan	Whitaker, Washington	Self	Chocolate			0.125		
B.C.	1850	12-Jan	Triplett, John	?	Coffee		3.5	0.5		
B.C.	1850	16-Jan	Dent, George	Self	Coffee		2	0.28		
B.C.	1850	16-Jan	Parish, Joseph	Self	Coffee		1	0.14		
B.C.	1850	17-Jan	McDaniel, Gabriel	Self	Coffee		1	0.14		
B.C.	1850	17-Jan	McKee, Barton	Self	Coffee		1	0.14		
B.C.	1850	18-Jan	?, Christy	Self	Coffee		2	0.335		
B.C.	1850	18-Jan	Allen, George	Self	Coffee		1	0.16		
B.C.	1850	19-Jan	McKee, George	Self	Coffee		2	0.34		
B.C.	1850	19-Jan	Smith, Jerimiah	Self	Coffee		4	0.66		
B.C.	1850	19-Jan	Giffin, James	Self	Coffee		1	0.17		
B.C.	1850	19-Jan	Kerns, Jacob	Self	Coffee		2	0.335		
B.C.	1850	19-Jan	Kerns, William	Self	Coffee		1	0.17		
B.C.	1850	19-Jan	Triplet, Edwin	Self	Coffee		1	0.17		
B.C.	1850	21-Jan	Lovett, Jonathon	Self	Coffee		6	1		
B.C.	1850	22-Jan	Giffin, Nancy	Daughter	Tea		0.125	0.25		
B.C.	1850	25-Jan	Parish, ?	Self	Coffee		2	0.33		
B.C.	1850	26-Jan	Johnson, Amaus?	Self	Coffee		1	0.17		
B.C.	1850	26-Jan	Dent, George	Self	Coffee		3	0.5		
B.C.	1850	28-Jan	Keckly, Jefferson	Self	Coffee		4	0.67		
B.C.	1850	28-Jan	Muse, Martin	Self	Coffee		3	0.5		
B.C.	1850	30-Jan	McKee, Barton	Self	Coffee		1	0.17		
B.C.	1850	30-Jan	Jackson, Benjamin	Self	Coffee		6	1		
B.C.	1850	30-Jan	Lines?, Church?	Self	Coffee		2	0.34		
B.C.	1850	30-Jan	Rousy?, Rosy	Self	Coffee		1	0.17		
B.C.	1850	1-Feb	Spade?, Nancy	Self	Coffee		2	0.4		
B.C.	1850	2-Feb	Smith, Jerimiah	Self	Tea		0.25	0.28		
B.C.	1850	2-Feb	McAllion?, Thomas	Self	Coffee		2	0.4		
B.C.	1850	2-Feb	Triplett, John	Self	Coffee		2	0.4		
B.C.	1850	4-Feb	Jackson, Ebenezer	Self	Tea		0.25	0.25		
B.C.	1850	4-Feb	Johnson, Amaus?	Self	Chocolate			0.125		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	5-Feb	Abel, William	Self	Tea		0.25	0.25		
B.C.	1850	5-Feb	Anderson, George	Self	Tea		0.25	0.25		
B.C.	1850	5-Feb	Allen, Robert	Robert?	Coffee		2	0.4		
B.C.	1850	6-Feb	McKee, George	Self	Chocolate			0.125		
B.C.	1850	6-Feb	Jackson, Amos	Self	Coffee		1	0.2		
B.C.	1850	6-Feb	White, Mrs.	Self	Coffee		2	0.4		
B.C.	1850	9-Feb	Murphy, Jefferson	Self	Coffee		2.5	0.5		
B.C.	1850	13-Feb	Allen, Robert	George	Coffee		2	0.4		
B.C.	1850	14-Feb	Nixon, David	Self	Tea		0.25	0.25		
B.C.	1850	14-Feb	Dent, George	Self	Coffee		3	0.6		
B.C.	1850	14-Feb	Nixon, David	Self	Coffee		5	0.935		
B.C.	1850	15-Feb	O?, Casper	Self	Coffee		1	0.2		
B.C.	1850	15-Feb	Dillinger, George	Self	Coffee		2	0.375		
B.C.	1850	15-Feb	Kerns, William	Self	Coffee		1	0.1875		
B.C.	1850	15-Feb	Miller, Albert	Self	Coffee		3	0.5625		
B.C.	1850	16-Feb	Millerson, William	Self	Coffee		2	0.375		
B.C.	1850	16-Feb	Smith, George	Self	Coffee		4	0.75		
B.C.	1850	18-Feb	Abel, James	Self	Tea		0.25	0.25		
B.C.	1850	18-Feb	Abel, James	Self	Coffee		1	0.1875		
B.C.	1850	18-Feb	Alden, Robert	Self	Coffee		2	0.375		
B.C.	1850	21-Feb	White, Benjamin	Self	Coffee		2	0.375		
B.C.	1850	22-Feb	Rousy?, Rosy	Self	Coffee		1.5	0.28		
B.C.	1850	26-Feb	Jackson, Catharine	Self	Coffee		1	0.1875		
B.C.	1850	1-Mar	McKee, Barton	Self	Tea		0.125	0.125		
B.C.	1850	1-Mar	Colbert, Sarah	Self	Coffee		2	0.375		
B.C.	1850	1-Mar	Giffin, William	Self	Coffee		1	0.1875		
B.C.	1850	4-Mar	Giffin, Bartholomou	Self	Coffee		2	0.375		
B.C.	1850	6-Mar	Householder, A.J.	Self	Tea		0.25	0.25		
B.C.	1850	6-Mar	Giffin, Nancy	Daughter	Coffee		1	0.1875		
B.C.	1850	9-Mar	Anderson, Catharine	?	Coffee		2	0.375		
B.C.	1850	9-Mar	Jackson, Benjamin	Self	Coffee		2	0.375		
B.C.	1850	13-Mar	Carlisle, Alexander	Self	Coffee		2	0.375		
B.C.	1850	13-Mar	McAllion?, Thomas	Self	Coffee		2	0.375		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	16-Mar	Abol?, James	Self	Tea		0.25	0.22		
B.C.	1850	16-Mar	Abol?, James	Self	Coffee		1	0.1875		
B.C.	1850	16-Mar	McKee, William	Self	Coffee		1	0.1875		
B.C.	1850	16-Mar	Sine?, Christe	Self	Coffee		3	0.5625		
B.C.	1850	19-Mar	Dent, George	Self	Coffee		3	0.5625		
B.C.	1850	19-Mar	Marpole, Frank	Self	Coffee		2	0.375		
B.C.	1850	20-Mar	Marpole, Nancy	Self	Coffee		2	0.375		
B.C.	1850	21-Mar	Anderson, Asa?	Self	Coffee		1	0.1875		
B.C.	1850	21-Mar	Colbert, Sarah	Self	Coffee		3	0.565		
B.C.	1850	21-Mar	Dillinger, George	Self	Coffee		2	0.375		
B.C.	1850	21-Mar	Stipe, A?	Self	Coffee		2	0.34		
B.C.	1850	22-Mar	Carlisle, Alexander	Self	Coffee		1	0.17		
B.C.	1850	23-Mar	Shuler, Cornelius	Self	Tea		0.25	0.22		
B.C.	1850	23-Mar	Shuler, Cornelius	Self	Coffee		3	0.5		
B.C.	1850	23-Mar	Smith, Jerimiah	Self	Coffee		4	0.67		
B.C.	1850	25-Mar	Silbert, Joseph	Self	Coffee		2	0.34		
B.C.	1850	26-Mar	Abel, James	Self	Coffee		4	0.67		
B.C.	1850	27-Mar	Hook, David	Self	Coffee		1.5	0.25		
B.C.	1850	28-Mar	Cather, William	Self	Tea		0.5	0.5		
B.C.	1850	28-Mar	Anderson, Michael	Self	Coffee		2	0.34		
B.C.	1850	29-Mar	Payne, John	Self	Tea		0.25	0.25		
B.C.	1850	29-Mar	Dent, George	Self	Coffee		3	0.5		
B.C.	1850	29-Mar	McKee, William	Self	Coffee		2	0.34		
B.C.	1850	2-Apr	Dillinger, George	Self	Coffee		3	0.5		
B.C.	1850	3-Apr	McDonald, Gabriel	Self	Coffee		2	0.34		
B.C.	1850	3-Apr	Oldacre, John	Self	Coffee		2	0.34		
B.C.	1850	4-Apr	Jackson, Ebenezer	Self	Tea		1	1		
B.C.	1850	4-Apr	Johnson, Amos	Self	Coffee		1	0.17		
B.C.	1850	5-Apr	Carlyle, Alexander	Self	Coffee		1	0.17		
B.C.	1850	6-Apr	Jackson, Benjamin	Self	Coffee		2	0.34		
B.C.	1850	8-Apr	Johnson, David	Self	Tea		0.25	0.28		
B.C.	1850	8-Apr	A?, James	Self	Coffee		3	0.5		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	8-Apr	Johnson, David	Self	Coffee		3	0.5		
B.C.	1850	8-Apr	Sine?, Christe	Self	Coffee		3	0.5		
B.C.	1850	12-Apr	Oats, Lorenzo	Self	Coffee		1	0.17		
B.C.	1850	13-Apr	Horn, John	Self	Coffee		1	0.125		
B.C.	1850	13-Apr	Wilcox, Thomas	Self	Coffee		2	0.25		
B.C.	1850	13-Apr	Anderson, Michael	Self	Coffee		2	0.25		
B.C.	1850	15-Apr	Triplett, Edwin	O?, John	Coffee		1	0.125		
B.C.	1850	15-Apr	Haycock, James	Self	Coffee		7	0.98		
B.C.	1850	15-Apr	Murphy, Jefferson	Self	Coffee		4	0.5		
B.C.	1850	15-Apr	Anderson, Asa?	Self	Coffee		3	0.375		
B.C.	1850	15-Apr	McDonald, Gabriel	Self	Coffee		2	0.25		
B.C.	1850	15-Apr	Whitacre, Wilson	Self	Coffee		4	0.5		
B.C.	1850	16-Apr	Lockhart, Josiah	Self	Tea		0.5	0.5		
B.C.	1850	16-Apr	Serviner, William	Self	Coffee		2	0.28		
B.C.	1850	17-Apr	Anderson, Michael	Self	Coffee		3	0.42		
B.C.	1850	17-Apr	Smith, Jerimiah	Self	Coffee		2	0.28		
B.C.	1850	18-Apr	Jackson, Benjamin	Self	Tea		0.25	0.28		
B.C.	1850	18-Apr	Dent, George	Self	Coffee		3	0.375		
B.C.	1850	18-Apr	Jackson, Benjamin	Self	Coffee		3	0.42		
B.C.	1850	19-Apr	Cather, James	Self	Tea		1	1		
B.C.	1850	20-Apr	Carlisle, Alexander	Self	Coffee		2	0.25		
B.C.	1850	20-Apr	McDonald, Gabriel	Self	Coffee		2	0.265		
B.C.	1850	22-Apr	McKee, Joseph	Self	Coffee		1	0.125		
B.C.	1850	22-Apr	Popkins?, Craven	Self	Coffee		2	0.25		
B.C.	1850	24-Apr	Colbert, Sarah	Self	Coffee		2	0.25		
B.C.	1850	24-Apr	Oldacre, John	Self	Coffee		2	0.25		
B.C.	1850	24-Apr	Wade?, Nancy	Self	Coffee		1	0.14		
B.C.	1850	25-Apr	Jackson, Benjamin	Self	Coffee		2	0.28		
B.C.	1850	25-Apr	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	27-Apr	Dillinger, George	Self	Coffee		2	25		
B.C.	1850	27-Apr	Pearl, Isaac	Self	Coffee		4	0.53		
B.C.	1850	29-Apr	Hackley, Hamilton	Self	Coffee		4	0.5		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	29-Apr	Serivener, Vincent	Self	Coffee		1	0.125		
B.C.	1850	1-May	Murphy, Jefferson	Self	Tea		0.25	0.22		
B.C.	1850	1-May	Anderson, Margarete	Self	Coffee		2	0.25		
B.C.	1850	1-May	Murphy, Jefferson	Self	Coffee		3	0.42		
B.C.	1850	2-May	Hodson?, Joshua	Self	Tea		0.25	0.28		
B.C.	1850	2-May	Hodson?, Joshua	Self	Coffee		4	0.53		
B.C.	1850	2-May	Jackson, Ebenezer	Self	Coffee		5	0.625		
B.C.	1850	4-May	Hix?, Eli	Self	Tea		0.25	0.22		
B.C.	1850	4-May	McKee, Barton	Self	Coffee		1	0.125		
B.C.	1850	6-May	Miller, Albert	Self	Tea		0.25	0.25		
B.C.	1850	6-May	Abrel, James	Self	Coffee		4	0.5		
B.C.	1850	6-May	Dent, George	Self	Coffee		4	0.5		
B.C.	1850	6-May	Miller, Albert	Self	Coffee		2	0.25		
B.C.	1850	6-May	Whitacre, George	Self	Coffee		4	0.56		
B.C.	1850	8-May	McDonald, Gabriel	Self	Coffee		2	0.25		
B.C.	1850	9-May	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	9-May	Carpenter, Lewis	Self	Coffee		2	0.25		
B.C.	1850	9-May	Popkins?, Craven	Self	Coffee		2	0.25		
B.C.	1850	9-May	Whitacre, Washington	Self	Coffee		2	0.25		
B.C.	1850	11-May	Triplett, John	Self	Coffee		2.5	0.3125		
B.C.	1850	11-May	Bice, Edward	Self	Coffee		2	0.25		
B.C.	1850	11-May	Miller, Atwell	Self	Coffee		2	0.25		
B.C.	1850	14-May	Giffin, Bartholomou	Self	Coffee		2	0.25		
B.C.	1850	14-May	Sine?, Christe	Self	Coffee		2	0.25		
B.C.	1850	15-May	Hix?, Jeremiah	Self	Coffee		4	0.5		
B.C.	1850	15-May	Jackson, Ebenezer	Self	Coffee		2	0.25		
B.C.	1850	15-May	Murphy, Thomas	Self	Coffee		3	0.375		
B.C.	1850	15-May	Murphy, Thomas	Self	Coffee		1	0.125		
B.C.	1850	16-May	Dillinger, George	Self	Coffee		2	0.25		
B.C.	1850	16-May	Tidiwick?, Benjamin	Self	Coffee		2	0.25		
B.C.	1850	16-May	White, William	Self	Coffee		2	0.25		
B.C.	1850	17-May	Keckly, Hamilton	Self	Coffee		4	0.5		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	17-May	Whitacre, George	Self	Coffee		3	0.375		
B.C.	1850	18-May	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	18-May	Horn, John	Self	Coffee		1	0.125		
B.C.	1850	18-May	McDonald, Gabriel	Self	Coffee		2	0.25		
B.C.	1850	18-May	Smith, Jerimiah	Self	Coffee		6	0.75		
B.C.	1850	20-May	McAllion?, Thomas	Self	Tea		0.25	0.25		
B.C.	1850	20-May	Oldacre, John	Self	Tea		0.25	0.22		
B.C.	1850	20-May	Smith, Jerimiah	Self	Tea		0.5	0.5		
B.C.	1850	20-May	Allen, Robert	Daughter	Coffee		4	0.5		
B.C.	1850	20-May	Giffin, Nancy	Self	Coffee		2	0.25		
B.C.	1850	20-May	Oldacre, John	Self	Coffee		4	0.5		
B.C.	1850	22-May	Spade, Nancy	Self	Coffee		2	0.25		
B.C.	1850	23-May	Householder, A.J.	Self	Tea		0.25	0.25		
B.C.	1850	23-May	Howard, Catherine	Self	Coffee		2	0.25		
B.C.	1850	23-May	Sine?, Christe	Self	Coffee		2	0.25		
B.C.	1850	23-May	Jackson, Ebenezer	Self	Coffee		4	0.5		
B.C.	1850	25-May	Allen, Robert	Self	Tea		0.5	0.44		
B.C.	1850	25-May	Hodson?, Joshua	Self	Coffee		3	0.375		
B.C.	1850	27-May	Dillinger, George	Daughter	Coffee		4	0.5		
B.C.	1850	29-May	Whitacre, George	Self	Coffee		4	0.5		
B.C.	1850	30-May	Bice, Edward	Self	Coffee		4	0.5		
B.C.	1850	30-May	Howard, Catherine	Self	Coffee		2	0.25		
B.C.	1850	31-May	Jackson, Ebenezer	Self	Coffee		2	0.25		
B.C.	1850	31-May	McKee, Joseph	Self	Coffee		1	0.125		
B.C.	1850	31-May	Richard, Joseph	Wife	Coffee		3	0.375		
B.C.	1850	1-Jun	Allen, Robert	Jacobs	Coffee		2	0.25		
B.C.	1850	1-Jun	Oldacre, John	Self	Coffee		4	0.5		
B.C.	1850	3-Jun	Sine?, Christe	Self	Coffee		3	0.375		
B.C.	1850	5-Jun	Allen, Robert	Self	Coffee		2	0.25		
B.C.	1850	6-Jun	Dent, George	Self	Coffee		4	0.5		
B.C.	1850	7-Jun	Allen, George	Self	Coffee		2	0.25		
B.C.	1850	8-Jun	Bice, Edward	Self	Coffee		4	0.5		
B.C.	1850	8-Jun	McKee, Joseph	Self	Coffee		2	0.25		
B.C.	1850	8-Jun	Oldacre, John	Self	Coffee		2	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	10-Jun	Carpenter, Lewis	Self	Coffee		2	0.25		
B.C.	1850	10-Jun	Hix, Jeremiah	Self	Coffee		2	0.25		
B.C.	1850	10-Jun	Miller, Stephen	Self	Coffee		2	0.25		
B.C.	1850	11-Jun	Anderson, Margarete	Self	Coffee		2	0.25		
B.C.	1850	11-Jun	Whitacker, Washington	Self	Coffee		1	0.125		
B.C.	1850	12-Jun	Anderson, Margarete	Self	Coffee		6	0.75		
B.C.	1850	12-Jun	Lockhart, ?	Self	Coffee		3	0.375		
B.C.	1850	12-Jun	Newbanks?, William	Self	Coffee		2	0.25		
B.C.	1850	13-Jun	Fidinick?, Benjamin	Self	Coffee		2	0.25		
B.C.	1850	13-Jun	Pearl, Isaac	Self	Coffee		5	0.625		
B.C.	1850	14-Jun	Triplet, Edwin	Self	Coffee		1	0.125		
B.C.	1850	15-Jun	Householder, A.J.	Self	Tea		0.25	0.25		
B.C.	1850	15-Jun	Cather, James	Self	Coffee		4	0.5		
B.C.	1850	15-Jun	Richard, Jacob	Self	Coffee		2	0.25		
B.C.	1850	17-Jun	McDonald, Gabriel	Self	Coffee		2	0.25		
B.C.	1850	18-Jun	Evans, William	Self	Coffee		3	0.375		
B.C.	1850	20-Jun	Johnson, Amos	Self	Coffee		1	0.125		
B.C.	1850	22-Jun	Hix, Elizabeth	Self	Tea		0.25	0.22		
B.C.	1850	22-Jun	Jackson, Ebenezer	Self	Coffee		4	0.5		
B.C.	1850	22-Jun	Sine?, Christe	Self	Coffee		2	0.25		
B.C.	1850	22-Jun	White, Benjamin	Self	Coffee		2	0.25		
B.C.	1850	24-Jun	Brill, John	Self	Coffee		2	0.25		
B.C.	1850	25-Jun	Jackson, Benjamin	Self	Coffee		2	0.25		
B.C.	1850	25-Jun	McKee, George	Self	Coffee		2	0.25		
B.C.	1850	25-Jun	Johnson, Amos	Self	Coffee		2	0.25		
B.C.	1850	26-Jun	Cather, James	Self	Coffee		2	0.25		
B.C.	1850	26-Jun	Wilcox, Thomas	Self	Coffee		1	0.125		
B.C.	1850	27-Jun	Johnson, David	?	Coffee		3	0.375		
B.C.	1850	27-Jun	Allen, Robert	Self	Coffee		2	0.25		
B.C.	1850	27-Jun	Bice, Edward	Self	Coffee		4	0.5		
B.C.	1850	27-Jun	Miller, Stephen	Self	Coffee		6	0.75		
B.C.	1850	27-Jun	Horn, John	Self	Coffee		2	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	27-Jun	McKee, Barton	Self	Coffee		1	0.125		
B.C.	1850	29-Jun	Jackson, Ebenezer	Self	Tea		0.25	0.25		
B.C.	1850	29-Jun	Triplet, John	Self	Coffee		2	0.25		
B.C.	1850	29-Jun	Dent, George	Self	Coffee		4	0.5		
B.C.	1850	29-Jun	Giffin, James	Self	Coffee		2	0.25		
B.C.	1850	29-Jun	Hook, David	Self	Coffee		2	0.25		
B.C.	1850	29-Jun	Sine?, Christe	Self	Coffee		3	0.375		
B.C.	1850	1-Jul	McKee, Washington	Self	Tea		0.25	0.22		
B.C.	1850	1-Jul	McKee, Washington	Self	Coffee		2	0.25		
B.C.	1850	2-Jul	Giffin, Bartholomou	Self	Coffee		2	0.25		
B.C.	1850	2-Jul	Millerson, William	Self	Coffee		3	0.375		
B.C.	1850	2-Jul	Touchstone?, Benjamin	Self	Coffee		2	0.25		
B.C.	1850	3-Jul	Bice, Edward	Self	Tea		0.25	0.22		
B.C.	1850	3-Jul	Bice, Edward	Self	Coffee		4	0.5		
B.C.	1850	3-Jul	Johnson, Amos	Self	Coffee		2	0.25		
B.C.	1850	4-Jul	Allen, Robert	Wife	Tea		0.25	0.22		
B.C.	1850	4-Jul	Allen, George	Self	Coffee		2	0.25		
B.C.	1850	4-Jul	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	4-Jul	Allen, Robert	Wife	Coffee		4	0.5		
B.C.	1850	5-Jul	Jackson, Benjamin	Self	Coffee		2	0.25		
B.C.	1850	8-Jul	Pool, Martin	Self	Coffee		3	0.375		
B.C.	1850	9-Jul	Hanes, Henry	Self	Coffee		8	1		
B.C.	1850	10-Jul	Bice, Edward	Self	Coffee		4	0.5		
B.C.	1850	10-Jul	Smith, Jerimiah	Self	Coffee		2	0.25		
B.C.	1850	12-Jul	Hannum?, Joseph	Self	Coffee		8.5	1.0625		
B.C.	1850	12-Jul	Triplet, Edwin	Wife	Coffee		2	0.25		
B.C.	1850	13-Jul	Oldacre, John	Daughter	Coffee		3	0.375		
B.C.	1850	13-Jul	Colbert, Sarah	Self	Coffee		1	0.125		
B.C.	1850	13-Jul	Meleaux?, Thomas	Self	Coffee		3	0.375		
B.C.	1850	16-Jul	Silbert, Jacob	Self	Tea		0.25	0.25		
B.C.	1850	16-Jul	Jackson, Ebenezer	Self	Coffee		2	0.25		
B.C.	1850	16-Jul	Oldacre, John	Self	Coffee		2	0.25		
B.C.	1850	18-Jul	Bice, Edward	Self	Coffee		4	0.5		
B.C.	1850	19-Jul	Allen, Robert	Self	Coffee		2	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	19-Jul	Pool, Martin	Self	Coffee		3	0.375		
B.C.	1850	20-Jul	Oats, Jacob	Self	Coffee		3	0.375		
B.C.	1850	20-Jul	Johnson, Amos	Self	Coffee		1	0.125		
B.C.	1850	20-Jul	Tiplet, Edwin	Self	Coffee		1	0.125		
B.C.	1850	22-Jul	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	22-Jul	Miller, Stephen	Self	Coffee		4	0.5		
B.C.	1850	22-Jul	Spade, Nancy	Self	Coffee		2	0.25		
B.C.	1850	23-Jul	Jackson, Ebenezer	Self	Tea		0.25	0.22		
B.C.	1850	25-Jul	Hook, David	Self	Coffee		2	0.25		
B.C.	1850	25-Jul	Johnson, Amos	Self	Coffee		2	0.25		
B.C.	1850	25-Jul	Murphy, Jefferson	Self	Coffee		3	0.375		
B.C.	1850	26-Jul	Allen, Robert	Self	Coffee		2	0.25		
B.C.	1850	26-Jul	Dent, George	Self	Coffee		4	0.5		
B.C.	1850	26-Jul	Jackson, Ebenezer	Self	Coffee		3	0.375		
B.C.	1850	26-Jul	Nelson, Warner	Self	Coffee		4	0.5		
B.C.	1850	31-Jul	Allen, Robert	Self	Coffee		4	0.5		
B.C.	1850	31-Jul	Whitacre, George	Self	Coffee		2	0.25		
B.C.	1850	2-Aug	Oldacre, John	Self	Tea		0.125	0.11		
B.C.	1850	2-Aug	Oldacre, John	Self	Coffee		4	0.5		
B.C.	1850	3-Aug	Holiday, Alexander	Self	Coffee		1	0.125		
B.C.	1850	5-Aug	Abel, James	Self	Coffee		2	0.25		
B.C.	1850	5-Aug	Hook, David	Wife	Coffee		2	0.25		
B.C.	1850	6-Aug	Mayhew, Joseph	Self	Coffee		1	0.125		
B.C.	1850	6-Aug	McKee, Barton	Self	Coffee		2	0.25		
B.C.	1850	7-Aug	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	10-Aug	Capper, Jonathon	Self	Coffee		2	0.25		
B.C.	1850	12-Aug	Allen, George	Self	Coffee		4	0.5		
B.C.	1850	13-Aug	Wilcox, Thomas	Self	Tea		0.125	0.125		
B.C.	1850	14-Aug	Fletcher, Louis	Wife	Coffee		1	0.125		
B.C.	1850	16-Aug	Anderson, Asa?	Self	Coffee		2	0.25		
B.C.	1850	17-Aug	Hook, David	Self	Coffee		2	0.25		
B.C.	1850	19-Aug	Howard, Catherine	Self	Tea		0.125	0.125		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1850	19-Aug	Johnson, Amos	Self	Coffee		1	0.125		
B.C.	1850	21-Aug	McDonald, Gabriel	Self	Coffee		3	0.375		
B.C.	1850	22-Aug	Kerns, George	Self	Coffee		3	0.375		
B.C.	1850	23-Aug	Dent, George	Self	Coffee		5	0.625		
B.C.	1850	23-Aug	Johnson, Amos	Self	Coffee		1	0.125		
B.C.	1850	24-Aug	Anderson, Asa?	?	Coffee		2	0.25		
B.C.	1850	26-Aug	Capper, Jonathon	Self	Coffee		2	0.25		
B.C.	1850	27-Aug	Lupton, Joel	Self	Tea		0.25	0.22		
B.C.	1850	27-Aug	Carlisle, Alexander	Self	Coffee		1	0.125		
B.C.	1850	28-Aug	Hook, David	Self	Coffee		4	0.5		
B.C.	1850	28-Aug	Jackson, Ebenezer	Self	Coffee			0.22		
B.C.	1850	28-Aug	Wilcox, Thomas	Self	Coffee		2	0.25		
B.C.	1850	28-Aug	Jackson, Simon	Self	Coffee		1	0.125		
B.C.	1850	28-Aug	Miller, Stephen	Self	Coffee		6	0.75		
B.C.	1850	28-Aug	Oldacre, John	Self	Coffee		6	0.75		
B.C.	1850	31-Aug	Line, Cristy	Self	Coffee		3	0.375		
B.C.	1850	31-Aug	Lockhart, G?	Self	Coffee		5	0.625		
B.C.	1850	31-Aug	Abel, James	Self	Coffee		2	0.25		
B.C.	1850	31-Aug	Hammon?, Joseph	Self	Coffee		4	0.5		
B.C.	1850	31-Aug	Payne, Richard	Self	Coffee		2	0.25		
B.C.	1850	3-Sep	Oldacre, John	Self	Coffee		4	0.5		
B.C.	1850	7-Sep	Lidwick?, Benjamin	Self	Coffee		4	0.5		
B.C.	1850	9-Sep	Kerns, George	Wife	Coffee		3	0.375		
B.C.	1850	9-Sep	Pool, Martin	Wife	Coffee		3	0.375		
B.C.	1850	10-Sep	Capper, Jonathon	Self	Coffee		2	0.25		
B.C.	1850	10-Sep	Hook, William	Self	Coffee		4	0.5		
B.C.	1850	12-Sep	Smith, Jerimiah	Self	Coffee		4	0.5		
B.C.	1850	16-Sep	McKee, George	Self	Coffee		2	0.25		
B.C.	1850	16-Sep	Sine?, Christe	Self	Coffee		3	0.375		
B.C.	1850	19-Sep	Horn, Thomas	Self	Coffee		2	0.28		
B.C.	1850	20-Sep	McKee, William	Self	Coffee		2	0.25		
B.C.	1859	19-Feb	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	19-Feb	Kerns, George	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	21-Feb	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	25-Feb	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	25-Feb	Whitacre, Bedwell	Self	Coffee		1	0.15		
B.C.	1859	25-Feb	Elliot, Reuben	Self	Coffee		2	0.3		
B.C.	1859	25-Feb	Fletcher, James	Self	Coffee		2	0.3		
B.C.	1859	25-Feb	Kerns, George	Self	Coffee		1	0.15		
B.C.	1859	25-Feb	Ornduff, Jerimiah	Self	Coffee		1	0.15		
B.C.	1859	25-Feb	Rowzy, Rosy	Self	Coffee		1	0.15		
B.C.	1859	1-Mar	Marpole, George	B?	Coffee		1	0.15		
B.C.	1859	1-Mar	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	1-Mar	Cather, James	Smith	Coffee		5	0.75		
B.C.	1859	2-Mar	Fletcher, Isaac	Self	Coffee		1	0.15		
B.C.	1859	2-Mar	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	3-Mar	Marpole, Rachel	Self	Coffee		2	0.3		
B.C.	1859	4-Mar	Miller, Robert	Wife	Tea		0.1	0.0625		
B.C.	1859	4-Mar	Herrell, G.W.	Self	Coffee		3	0.45		
B.C.	1859	4-Mar	Miller, Robert	Wife	Coffee		1	0.15		
B.C.	1859	5-Mar	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	7-Mar	Householder, A.J.	Self	Coffee		2	0.3		
B.C.	1859	7-Mar	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	8-Mar	Ornduff, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	9-Mar	Elliot, Reuben	Self	Coffee		3	0.45		
B.C.	1859	9-Mar	Marpole, George	Self	Coffee		2	0.3		
B.C.	1859	10-Mar	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	11-Mar	Hennell, H.A.	Self	Coffee		1.5	0.225		
B.C.	1859	12-Mar	McDonald, Gabriel	Self	Coffee		1	0.15		
B.C.	1859	14-Mar	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	15-Mar	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	17-Mar	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	17-Mar	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	19-Mar	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	19-Mar	End, Edward	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	19-Mar	Marpole, George	Self	Coffee		1	0.15		
B.C.	1859	19-Mar	McKee, William	Self	Coffee		1	0.15		
B.C.	1859	21-Mar	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	22-Mar	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	22-Mar	Johnson, Amos	Self	Coffee		2	0.15		
B.C.	1859	23-Mar	Kerns, George	Self	Coffee		2	0.3		
B.C.	1859	23-Mar	Marpole, Rachel	Self	Coffee		2	0.3		
B.C.	1859	25-Mar	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	28-Mar	Marpole, George	Self	Coffee		2	0.3		
B.C.	1859	28-Mar	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	29-Mar	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	30-Mar	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	31-Mar	Rowzy, Rosy	Self	Coffee		1	0.15		
B.C.	1859	1-Apr	McKee, Jane	Benjamin	Coffee		1	0.15		
B.C.	1859	1-Apr	Anderson, Michael	Self	Coffee		2	0.3		
B.C.	1859	1-Apr	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	2-Apr	Ornduff, Jerimiah	Self	Coffee		1	0.15		
B.C.	1859	4-Apr	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	4-Apr	Sirbaugh?, Aaron	Self	Coffee		1	0.15		
B.C.	1859	5-Apr	Marpole, Frank	Self	Coffee		2	0.3		
B.C.	1859	6-Apr	Boak, E.	Self	Coffee		1	0.15		
B.C.	1859	7-Apr	Miller, Robert	Self	Coffee		1	0.15		
B.C.	1859	8-Apr	Anderson, Michael	Self	Coffee		2	0.3		
B.C.	1859	8-Apr	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	9-Apr	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	9-Apr	Harrell, Henry	Self	Coffee		1	0.15		
B.C.	1859	12-Apr	Miller, Robert	Self	Coffee		1	0.15		
B.C.	1859	13-Apr	Marpole, Rachel	M?	Coffee		2	0.3		
B.C.	1859	13-Apr	Marpole, George	S?	Coffee		2	0.3		
B.C.	1859	14-Apr	Marpole, Hezekiah	Self	Coffee		2	0.3		
B.C.	1859	15-Apr	Elliot, Reuben	Self	Coffee		2	0.3		
B.C.	1859	16-Apr	Anderson, Asa	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	16-Apr	Elliot, Reuben	Self	Coffee		2	0.3		
B.C.	1859	16-Apr	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	16-Apr	Kerns, George	Self	Coffee		2	0.3		
B.C.	1859	18-Apr	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	18-Apr	Ornduff, Jerry	Self	Coffee		1	0.15		
B.C.	1859	19-Apr	Anderson, Michael	Self	Coffee		2	0.3		
B.C.	1859	19-Apr	Miller, Robert	Self	Coffee		2	0.3		
B.C.	1859	19-Apr	Pool, Joseph	Self	Coffee		2	0.3		
B.C.	1859	21-Apr	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	21-Apr	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	21-Apr	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	22-Apr	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	27-Apr	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	27-Apr	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	27-Apr	Kerns, George	Self	Coffee		2	0.3		
B.C.	1859	27-Apr	Ornduff, Jerry	Self	Coffee		1	0.15		
B.C.	1859	28-Apr	McDonald, Gabriel	Self	Coffee		2	0.3		
B.C.	1859	29-Apr	Anderson, Michael	Self	Coffee		3	0.45		
B.C.	1859	29-Apr	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	29-Apr	Kerns, Joshua	Self	Coffee		2	0.3		
B.C.	1859	30-Apr	Popkins, Craven	Wife	Tea		0.125	0.125		
B.C.	1859	30-Apr	Popkins, Craven	Wife	Coffee	Essence of		0.125		
B.C.	1859	2-May	Muse, Eliza	Self	Tea		0.125	0.125		
B.C.	1859	2-May	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	2-May	Hook, David	Wife	Coffee		1	0.15		
B.C.	1859	4-May	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	4-May	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	6-May	Eno, Edward	Self	Coffee		2	0.3		
B.C.	1859	6-May	Hicks, Elizabeth	Self	Coffee		2	0.3		
B.C.	1859	6-May	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	6-May	Marpole, Rachel	Self	Coffee		1	0.15		
B.C.	1859	6-May	Hicks, David	Wife	Coffee		1	0.15		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	7-May	Marpole, George	?	Coffee		1	0.15		
B.C.	1859	7-May	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	7-May	Pool, Joseph	Self	Coffee		1	0.15		
B.C.	1859	7-May	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	7-May	Kerns, George	Son	Coffee		2	0.3		
B.C.	1859	7-May	Kerns, George	Son	Coffee	Essence of		0.125		
B.C.	1859	10-May	Fletcher, Elijah	Self	Tea		0.5	0.25		
B.C.	1859	10-May	Fletcher, Elijah	Self	Coffee		1	0.15		
B.C.	1859	11-May	Marpole, Enoch	Self	Coffee		2	0.3		
B.C.	1859	11-May	Boak, R.E.	Self	Coffee		1	0.15		
B.C.	1859	12-May	Anderson, Michael	Self	Coffee		3	0.45		
B.C.	1859	12-May	Groves, William	Self	Coffee		1	0.15		
B.C.	1859	13-May	Hicks, Elizabeth	Self	Tea		0.125	0.125		
B.C.	1859	13-May	Johnson, Simon	Self	Coffee		1	0.15		
B.C.	1859	13-May	Whitacre, Sidwell?	Self	Coffee		1	0.15		
B.C.	1859	13-May	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	14-May	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	16-May	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	17-May	Hook, David	Self	Coffee		1	0.15		
B.C.	1859	19-May	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	21-May	Cather, James	Self	Tea		1	1		
B.C.	1859	21-May	Anderson, Margaret	Self	Coffee		2	0.3		
B.C.	1859	21-May	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	21-May	Anderson, Michael	Self	Coffee		3	0.45		
B.C.	1859	21-May	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	21-May	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	23-May	Kerns, George	Self	Coffee		2	0.3		
B.C.	1859	24-May	Ornduff, Jerry	Self	Coffee		1	0.15		
B.C.	1859	25-May	Dent, George	Self	Tea		0.25	0.25		
B.C.	1859	25-May	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	25-May	Miller, Robert	Wife	Coffee		2	0.3		
B.C.	1859	26-May	Eno, Edward	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	26-May	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	28-May	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	31-May	Anderson, Michael	Self	Coffee		2	0.3		
B.C.	1859	31-May	Ornduff, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	31-May	Elliot, William	Wife	Coffee		2	0.3		
B.C.	1859	1-Jun	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	2-Jun	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	2-Jun	Garrett, A?	Wife	Coffee		2	0.3		
B.C.	1859	3-Jun	McDonald, Gabriel	Self	Coffee		1	0.15		
B.C.	1859	7-Jun	Marpole, Frank	Self	Tea		0.25	0.25		
B.C.	1859	8-Jun	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	8-Jun	Eno, Edward	Self	Coffee		2	0.3		
B.C.	1859	8-Jun	Ornduff, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	10-Jun	Miller, Robert	Daughter	Coffee		2	0.3		
B.C.	1859	11-Jun	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	11-Jun	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	16-Jun	Hicks, Elizabeth	Self	Coffee		1	0.15		
B.C.	1859	16-Jun	Marpole, Frank	Self	Coffee		2	0.3		
B.C.	1859	17-Jun	Marpole, George	Self	Coffee		2	0.3		
B.C.	1859	17-Jun	Hook, David	Self	Coffee		1	0.15		
B.C.	1859	18-Jun	Hicks, Moses	Self	Tea		0.25	0.25		
B.C.	1859	18-Jun	Kerns, George	Self	Coffee		2	0.3		
B.C.	1859	18-Jun	Kerns, Joshua	Self	Coffee		3	0.45		
B.C.	1859	18-Jun	McDonald, Gabriel	Self	Coffee		2	0.3		
B.C.	1859	18-Jun	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	18-Jun	Hicks, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	18-Jun	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	18-Jun	Kerns, George	Self	Coffee	Essence of		0.125		
B.C.	1859	20-Jun	Boak, R.E.	Self	Tea		0.125	0.125		
B.C.	1859	20-Jun	Miller, Robert	Self	Coffee		3	0.45		
B.C.	1859	20-Jun	Hewell, Henry	Self	Coffee		2	0.3		
B.C.	1859	21-Jun	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	21-Jun	Muse, R.B.	Self	Coffee		2	0.375		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

B.C.	1859	22-Jun	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	22-Jun	Eno, Edward	Self	Coffee		2	0.3		
B.C.	1859	22-Jun	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	24-Jun	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	24-Jun	Elliot, William	Wife	Coffee		4	0.6		
B.C.	1859	25-Jun	Hicks, Moses	Self	Coffee		2	0.3		
B.C.	1859	27-Jun	Giden, John	Self	Coffee		2	0.3		
B.C.	1859	27-Jun	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	28-Jun	Hook, David	Self	Coffee		1	0.15		
B.C.	1859	29-Jun	Dent, George	Self	Coffee		4	0.6		
B.C.	1859	29-Jun	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	1-Jul	Boak, R.E.	Self	Coffee		2	0.3		
B.C.	1859	1-Jul	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	2-Jul	McDonald, Gabriel	Self	Coffee		2	0.3		
B.C.	1859	4-Jul	Johnson, David	Self	Coffee		2	0.3		
B.C.	1859	5-Jul	Hicks, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	5-Jul	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	5-Jul	Lockhart, Beverly	Self	Coffee		3	0.45		
B.C.	1859	6-Jul	Giffin, Bart	Self	Coffee		2	0.3		
B.C.	1859	8-Jul	Pool, Martin	H?	Coffee		3	0.45		
B.C.	1859	8-Jul	Ornduff, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	8-Jul	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	8-Jul	Pool, Martin	H?	Coffee	Essence of		0.125		
B.C.	1859	9-Jul	Pugh, Jesse	Daughter	Coffee		1	0.15		
B.C.	1859	11-Jul	Whitacre, Sidwell?	?	Coffee		2	0.3		
B.C.	1859	11-Jul	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	11-Jul	Muse, R.B.	Self	Coffee		2	0.3		
B.C.	1859	13-Jul	Hicks, Elizabeth	Self	Coffee		1	0.15		
B.C.	1859	13-Jul	Kerns, Joshua	Self	Coffee		3	0.45		
B.C.	1859	13-Jul	Blacker, Henry	Self	Coffee		1	0.15		
B.C.	1859	15-Jul	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	16-Jul	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	18-Jul	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1859	18-Jul	Johnson, Amos	Self	Coffee		2	0.3		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

B.C.	1859	18-Jul	Lockhart, Josiah	Wife	Coffee		1	0.15		
B.C.	1859	19-Jul	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	22-Jul	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	23-Jul	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	23-Jul	Kerns, George	Self	Coffee	Essence of		0.125		
B.C.	1859	25-Jul	Johnson, David	Self	Coffee		2	0.3		
B.C.	1859	25-Jul	Serviner, V.S.	Self	Coffee		2	0.3		
B.C.	1859	25-Jul	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	26-Jul	Wolford, Mason	Self	Coffee		1	0.15		
B.C.	1859	27-Jul	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	29-Jul	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	30-Jul	Laf?, Elias	Self	Coffee		2	0.3		
B.C.	1859	1-Aug	Colbert, Sarah	Self	Coffee		1	0.15		
B.C.	1859	1-Aug	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	1-Aug	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	2-Aug	Kerns, George	Self	Coffee		3	0.45		
B.C.	1859	2-Aug	Ornduff, John	Self	Coffee		2	0.3		
B.C.	1859	5-Aug	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	6-Aug	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	8-Aug	Belford, Robert	Wife	Coffee		3	0.45		
B.C.	1859	8-Aug	Belford, Robert	Wife	Coffee	Essence of		0.125		
B.C.	1859	9-Aug	Anderson, Margaret	Self	Tea		0.125	0.125		
B.C.	1859	9-Aug	Anderson, Margaret	Self	Coffee		2	0.3		
B.C.	1859	11-Aug	Hicks, Moses	Self	Coffee		2	0.3		
B.C.	1859	12-Aug	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	13-Aug	Ornduff, John	Wife	Coffee		1	0.15		
B.C.	1859	15-Aug	Anderson, Michael	Self	Coffee		2	0.3		
B.C.	1859	15-Aug	Householder, A.J.	Self	Coffee		2	0.3		
B.C.	1859	19-Aug	Hicks, Jeremiah	?	Coffee		2	0.3		
B.C.	1859	19-Aug	Johnson, Amos	Davy	Coffee		2	0.3		
B.C.	1859	20-Aug	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	20-Aug	Popkins, Craven	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	20-Aug	Serviner, V.S.	Self	Coffee		1	0.15		
B.C.	1859	20-Aug	Fletcher, Isaac	Whitacre	Coffee		2	0.3		
B.C.	1859	22-Aug	Ornduff, Jerry	Self	Coffee		1	0.15		
B.C.	1859	24-Aug	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	25-Aug	Anderson, Michael	Self	Coffee		2	0.3		
B.C.	1859	25-Aug	Hicks, Elizabeth	Self	Coffee		1	0.15		
B.C.	1859	26-Aug	Kerns, Joshua	Self	Coffee		3	0.45		
B.C.	1859	26-Aug	Kerns, George	Self	Coffee	Essence of		0.125		
B.C.	1859	27-Aug	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	27-Aug	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	27-Aug	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	29-Aug	Marpole, Lavinia	Self	Coffee		1	0.15		
B.C.	1859	30-Aug	Elliot, William	Self	Coffee		4	0.6		
B.C.	1859	30-Aug	Giffin, John	Self	Coffee		2	0.3		
B.C.	1859	1-Sep	Boak, R.E.	Self	Coffee		1	0.15		
B.C.	1859	2-Sep	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	2-Sep	Marpole, Frank	Self	Coffee		1	0.15		
B.C.	1859	3-Sep	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	3-Sep	Miller, Robert	Self	Coffee		1	0.15		
B.C.	1859	5-Sep	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	7-Sep	Serviner, V.S.	Self	Coffee		2	0.3		
B.C.	1859	8-Sep	Anderson, Michael	Self	Coffee		1	0.15		
B.C.	1859	8-Sep	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	8-Sep	Miller, Robert	Wife	Coffee		2	0.3		
B.C.	1859	10-Sep	Marker, William	Self	Tea		0.25	0.25		
B.C.	1859	12-Sep	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	14-Sep	Hicks, Jeremiah	Self	Coffee		1	0.15		
B.C.	1859	14-Sep	Ornduff, Jerry	Self	Coffee		1	0.15		
B.C.	1859	16-Sep	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	19-Sep	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	19-Sep	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	20-Sep	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	21-Sep	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	21-Sep	Miller, Robert	Self	Coffee		3	0.45		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	23-Sep	Pool, Martin	Self	Coffee		3	0.45		
B.C.	1859	26-Sep	Marpole, Thomas	Self	Coffee		1	0.15		
B.C.	1859	27-Sep	Marpole, Frank	Self	Coffee		1	0.15		
B.C.	1859	27-Sep	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	27-Sep	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	29-Sep	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	30-Sep	Kerns, Joshua	Self	Coffee		2	0.3		
B.C.	1859	30-Sep	Pool, Martin	Self	Coffee		3	0.45		
B.C.	1859	30-Sep	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	1-Oct	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	1-Oct	Elliot, William	Self	Coffee		2	0.3		
B.C.	1859	3-Oct	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	6-Oct	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	6-Oct	McKay, William	Wife	Coffee		1	0.15		
B.C.	1859	7-Oct	Elliot, William	Self	Coffee		2	0.3		
B.C.	1859	7-Oct	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1859	8-Oct	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	12-Oct	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	13-Oct	Wolford, Mason	Self	Coffee		1	0.15		
B.C.	1859	15-Oct	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	15-Oct	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	15-Oct	Marpole, Frank	Self	Coffee		1	0.15		
B.C.	1859	17-Oct	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	17-Oct	Elliot, William	Self	Coffee		2	0.3		
B.C.	1859	18-Oct	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	21-Oct	Miller, Robert	Self	Coffee		2	0.3		
B.C.	1859	21-Oct	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	21-Oct	Pool, Martin	Self	Coffee		1	0.15		
B.C.	1859	22-Oct	Kerns, William	Self	Coffee		1	0.15		
B.C.	1859	25-Oct	Hook, David	Self	Coffee		2	3		
B.C.	1859	27-Oct	Elliot, William	Wife	Coffee		2	0.3		
B.C.	1859	29-Oct	Cather, James	Self	Tea		1	1		
B.C.	1859	29-Oct	Dent, George	Self	Coffee		2	0.3		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence

B.C.	1859	31-Oct	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	31-Oct	Elliot, William	Self	Coffee		2	0.3		
B.C.	1859	1-Nov	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	3-Nov	Serviner, V.S.	Self	Coffee		2	0.3		
B.C.	1859	4-Nov	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	5-Nov	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	5-Nov	Marpole, George	Self	Coffee		1	0.15		
B.C.	1859	9-Nov	Dent, George	Self	Tea		0.25	0.25		
B.C.	1859	9-Nov	Miller, Robert	Wife	Tea		0.125	0.125		
B.C.	1859	9-Nov	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	11-Nov	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	11-Nov	Marpole, W.W.	Self	Coffee		1	0.15		
B.C.	1859	12-Nov	Marpole, George	Self	Tea		0.25	0.25		
B.C.	1859	12-Nov	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	12-Nov	Pool, Martin	Self	Coffee		3	0.45		
B.C.	1859	16-Nov	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	17-Nov	Elliot, William	Wife	Coffee		4	0.6		
B.C.	1859	18-Nov	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	19-Nov	Popkins, Craven	Self	Tea		0.25	0.25		
B.C.	1859	21-Nov	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	23-Nov	Marpole, Enoch	Self	Coffee		2	0.3		
B.C.	1859	23-Nov	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	23-Nov	Marpole, Frank	Self	Coffee		1	0.15		
B.C.	1859	24-Nov	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	24-Nov	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	24-Nov	Wolford, Mason	Self	Coffee		1	0.15		
B.C.	1859	26-Nov	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	26-Nov	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1859	28-Nov	Hook, David	Self	Coffee		1	0.15		
B.C.	1859	29-Nov	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	1-Dec	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	1-Dec	Laf?, Elias	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	3-Dec	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	3-Dec	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	5-Dec	Elliot, William	John	Coffee		4	0.6		
B.C.	1859	5-Dec	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	8-Dec	Anderson, Margaret	Self	Coffee		2	0.3		
B.C.	1859	9-Dec	Dent, George	Self	Coffee		2	0.3		
B.C.	1859	9-Dec	Lockhart, Beverly	Self	Coffee		2	0.3		
B.C.	1859	9-Dec	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	9-Dec	Serviner, V.S.	Self	Coffee		2	0.3		
B.C.	1859	9-Dec	Wolford, Mason	Self	Coffee		1	0.15		
B.C.	1859	10-Dec	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	10-Dec	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	13-Dec	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1859	15-Dec	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	15-Dec	Fletcher, Lewis	Self	Coffee		1	0.15		
B.C.	1859	16-Dec	Marpole, Frank	Self	Coffee		1	0.15		
B.C.	1859	16-Dec	Wolford, Mason	Self	Coffee		1	0.15		
B.C.	1859	16-Dec	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1859	17-Dec	Cather, William	Self	Coffee		5	0.75		
B.C.	1859	17-Dec	Hook, David	Self	Coffee		2	0.3		
B.C.	1859	19-Dec	Herrell, G.W.	Self	Tea		0.25	0.25		
B.C.	1859	19-Dec	Herrell, G.W.	Self	Coffee		3	0.45		
B.C.	1859	19-Dec	Muse, R.B.	Self	Coffee		2	0.3		
B.C.	1859	21-Dec	Haycock, James	Self	Coffee		1	0.15		
B.C.	1859	22-Dec	Miller, Robert	Self	Coffee		3	0.45		
B.C.	1859	23-Dec	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1859	24-Dec	Giffin, Bart	Self	Coffee		4	0.6		
B.C.	1859	24-Dec	Marpole, Enoch	Self	Coffee		2	0.3		
B.C.	1859	24-Dec	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1859	24-Dec	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1859	26-Dec	Laf?, Elias	Self	Coffee		2	0.3		
B.C.	1859	27-Dec	Dent, George	Self	Coffee		2	0.3		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1859	28-Dec	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1859	31-Dec	Cather, William	Self	Coffee		5	0.75		
B.C.	1859	31-Dec	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1860	2-Jan	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1860	2-Jan	Ornduff, John	Self	Coffee		1	0.15		
B.C.	1860	4-Jan	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1860	4-Jan	Kerns, William	Son	Coffee		1	0.15		
B.C.	1860	5-Jan	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1860	5-Jan	Elliot, William	Wife	Coffee		4	0.6		
B.C.	1860	7-Jan	Pool, Martin	Self	Tea		0.25	0.25		
B.C.	1860	7-Jan	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1860	7-Jan	Cookus, John	Self	Coffee		2	0.3		
B.C.	1860	9-Jan	Pool, Martin	Self	Coffee		3	0.45		
B.C.	1860	10-Jan	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1860	11-Jan	Herrell, G.W.	Self	Coffee		2	0.3		
B.C.	1860	12-Jan	Cather, William	Self	Tea		0.25	0.25		
B.C.	1860	12-Jan	Boak, R.E.	Self	Coffee		1	0.15		
B.C.	1860	12-Jan	Seibert, R.	Self	Coffee		2	0.3		
B.C.	1860	16-Jan	Anderson, Asa	Self	Coffee		1	0.15		
B.C.	1860	17-Jan	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1860	21-Jan	Marpole, Frank	Self	Coffee		2	0.3		
B.C.	1860	23-Jan	Dent, George	Self	Coffee		2	0.3		
B.C.	1860	23-Jan	Pool, Martin	Self	Coffee		2	0.3		
B.C.	1860	23-Jan	Fletcher, Lewis	Self	Coffee		1	0.15		
B.C.	1860	25-Jan	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1860	27-Jan	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1860	30-Jan	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1860	6-Feb	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1860	6-Feb	Dent, George	Self	Coffee		2	0.3		
B.C.	1860	6-Feb	Muse, Robert	Self	Coffee		2	0.3		
B.C.	1860	6-Feb	Yaiden?, John	Self	Coffee		2	0.3		
B.C.	1860	7-Feb	Snapp, Bennett	Self	Coffee		4	0.6		
B.C.	1860	8-Feb	Hicks, Elizabeth	Self	Coffee		1	0.15		
B.C.	1860	10-Feb	Kerns, Joshua	Self	Coffee		2	0.3		
B.C.	1860	10-Feb	Marker, William	Self	Coffee		6	0.9		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

B.C.	1860	11-Feb	Marpole, Lavinia	Self	Coffee		1	0.15		
B.C.	1860	13-Feb	Johnson, Amos	Self	Coffee		2	0.3		
B.C.	1860	13-Feb	Boak, R.E.	Self	Coffee		1	0.15		
B.C.	1860	15-Feb	Hasper, John	Self	Coffee		1	0.15		
B.C.	1860	16-Feb	Spaia, J.H.	Self	Coffee		2	0.3		
B.C.	1860	16-Feb	Springs, Capper?	Self	Coffee		2	0.3		
B.C.	1860	17-Feb	Anderson, Asa	Self	Coffee		2	0.3		
B.C.	1860	17-Feb	Dent, George	Self	Coffee		2	0.3		
B.C.	1860	17-Feb	Rynehart, Charles	Self	Coffee		1	0.15		
B.C.	1860	18-Feb	Hasper, John	Self	Coffee		1	0.19		
B.C.	1860	20-Feb	Pool, Martin	Self	Coffee		3	0.45		
Mt. Ol.	1860	10-Oct	Rootz, Catharine	Self	Chocolate			0.125		
Mt. Ol.	1860	10-Oct	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1860	10-Oct	Bulger, Jackson	Self	Coffee		1	0.18		
Mt. Ol.	1860	12-Oct	Lindeburg, John	Self	Coffee		1	0.18		
Mt. Ol.	1860	12-Oct	Rosenburger, Joseph	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	13-Oct	Grove, William	Self	Coffee		1	0.18		
Mt. Ol.	1860	18-Oct	Baker, Abraham	Self	Coffee		4	0.72		
Mt. Ol.	1860	20-Oct	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1860	29-Oct	Baker, Benjamin	Self	Coffee		2	0.36		
Mt. Ol.	1860	30-Oct	Waikman, Jonas	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	31-Oct	Pifer, Isaac	Self	Coffee		5	0.9		
Mt. Ol.	1860	1-Nov	Glaze, John H.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	2-Nov	Grove, William	Self	Coffee		1	0.18		
Mt. Ol.	1860	2-Nov	Long, Conrad	Self	Coffee		2	0.36		
Mt. Ol.	1860	3-Nov	Bulger, Jason	Self	Coffee		1	0.18		
Mt. Ol.	1860	6-Nov	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1860	8-Nov	Coffman, Jacob	Self	Coffee		1	0.18		
Mt. Ol.	1860	9-Nov	Spiker, Joseph	Self	Coffee		2	0.36		
Mt. Ol.	1860	14-Nov	Brubeck, John M.	Mother	Coffee		1	0.18		
Mt. Ol.	1860	14-Nov	Brubeck, John M.	Self	Coffee	Essence of Coffee		0.12		
Mt. Ol.	1860	15-Nov	Towns, John E.	Self	Tea		0.25	0.25		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Mt. Ol.	1860	20-Nov	Borden, William	Self	Coffee		1.5	0.27		
Mt. Ol.	1860	22-Nov	Clem, Eveline	Self	Coffee		1	0.18		
Mt. Ol.	1860	22-Nov	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1860	23-Nov	Towns, John E.	Self	Coffee		1	0.18		
Mt. Ol.	1860	23-Nov	Towns, John E.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	24-Nov	Schafer, August	Self	Coffee		2	0.36		
Mt. Ol.	1860	24-Nov	Grove, William	Self	Coffee		1	0.18		
Mt. Ol.	1860	26-Nov	Hockman, Magdalene	Self	Tea		0.125	0.125		
Mt. Ol.	1860	26-Nov	Clem, Ambrose	Self	Coffee		1	0.18		
Mt. Ol.	1860	26-Nov	Long, Conrad	Self	Coffee		5	0.9		
Mt. Ol.	1860	28-Nov	Funkhouser, William	Self	Coffee		2	0.36		
Mt. Ol.	1860	3-Dec	Hottle, John	Self	Coffee		2	0.36		
Mt. Ol.	1860	6-Dec	Barb, Abraham H.	Self	Coffee		2	0.36		
Mt. Ol.	1860	6-Dec	Copp, John E.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	6-Dec	Windle, Benjamin	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	6-Dec	Barb, Abraham H.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1860	10-Dec	Baker, Abraham	Self	Coffee		2	0.36		
Mt. Ol.	1860	10-Dec	Snarr, John	Self	Coffee		2	0.36		
Mt. Ol.	1860	12-Dec	Brill, Samuel	Self	Coffee		1	0.18		
Mt. Ol.	1860	14-Dec	Hockman, Magdalene	Self	Coffee		1	0.18		
Mt. Ol.	1860	17-Dec	Schultz, Benjamin	Self	Coffee		1	0.18		
Mt. Ol.	1860	17-Dec	Towns, John E.	Self	Coffee		1	0.18		
Mt. Ol.	1860	17-Dec	Windle, Benjamin	Self	Coffee		4	0.75		
Mt. Ol.	1860	20-Dec	Waikman, Jonas	Self	Coffee		3	0.54		
Mt. Ol.	1860	20-Dec	Bulger, Jackson	Self	Coffee		1	0.18		
Mt. Ol.	1860	20-Dec	Lindeburg, John	Self	Coffee		1	0.18		
Mt. Ol.	1860	21-Dec	Baker, Abraham	Self	Coffee		6	1.08		
Mt. Ol.	1860	22-Dec	Edmundson, William	Self	Coffee		1	0.18		
Mt. Ol.	1860	22-Dec	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1860	22-Dec	Barb, Abraham H.	Wife	Coffee		2	0.36		
Mt. Ol.	1860	26-Dec	Hottle, John	Self	Coffee		6	1.08		
Mt. Ol.	1860	29-Dec	Brill, Samuel	Self	Coffee		1	0.18		
Location	**Year**	**Day**	**Account**	**Individual**	**Item**	**Type**	**Pounds**	**Dollars**	**Shilling**	**Pence**

Mt. Ol.	1861	1-Jan	Hamman, Philip	Self	Coffee		2	0.36		
Mt. Ol.	1861	2-Jan	Lentz, Martha	Self	Coffee		1.625	0.29		
Mt. Ol.	1861	5-Jan	Kerns, John	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	5-Jan	Kerns, John	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	5-Jan	Pifer, Isaac	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	7-Jan	Borden, William	Self	Coffee		1	0.18		
Mt. Ol.	1861	10-Jan	Coly, George	Self	Tea		0.0625			
Mt. Ol.	1861	12-Jan	Towns, John E.	Self	Coffee		2	0.36		
Mt. Ol.	1861	17-Jan	Schafer, August	Self	Coffee		2	0.36		
Mt. Ol.	1861	19-Jan	Hamman, Philip	Self	Coffee		2	0.36		
Mt. Ol.	1861	19-Jan	Edmundson, William	Self	Coffee		1	0.18		
Mt. Ol.	1861	21-Jan	Rosenburger, Joseph	Self	Coffee		3	0.54		
Mt. Ol.	1861	21-Jan	Hockman, Magdalene	Self	Coffee		1	0.18		
Mt. Ol.	1861	22-Jan	Brill, Samuel	Self	Coffee		4	0.72		
Mt. Ol.	1861	22-Jan	Towns, John E.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	26-Jan	Barb, Abraham H.	Self	Coffee		2	0.36		
Mt. Ol.	1861	26-Jan	Eberly, Elizabeth	Self	Coffee		2	0.36		
Mt. Ol.	1861	26-Jan	Copp, John E.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	30-Jan	Funkhouser, William	Self	Coffee		2	0.36		
Mt. Ol.	1861	30-Jan	Grove, William	Self	Coffee		1	0.18		
Mt. Ol.	1861	1-Feb	Towns, John E.	Self	Coffee		2	0.36		
Mt. Ol.	1861	2-Feb	Lindeburg, John	Self	Coffee		1	0.18		
Mt. Ol.	1861	4-Feb	Smith, Lewis	Self	Coffee		1	0.18		
Mt. Ol.	1861	4-Feb	Barb, Catherine	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	5-Feb	Barb, Abraham H.	Self	Coffee		1	0.18		
Mt. Ol.	1861	6-Feb	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1861	6-Feb	Edmundson, William	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	8-Feb	Lentz, Martha	Self	Coffee		1	0.18		
Mt. Ol.	1861	8-Feb	Edmundson, William	Self	Coffee		1	0.18		
Mt. Ol.	1861	8-Feb	Pifer, Isaac	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	13-Feb	Funkhouser, Hannah	Self	Coffee		2	0.36		
Mt. Ol.	1861	14-Feb	Glaze, John H.	Self	Tea		0.125	0.125		
Mt. Ol.	1861	14-Feb	Glaze, John H.	Self	Coffee		2	0.36		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence
Mt. Ol.	1861	14-Feb	Glaze, John H.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	16-Feb	Pifer, Isaac	Self	Tea		0.0625	0.0625		
Mt. Ol.	1861	16-Feb	Rootz, Catharine	Self	Coffee		1	0.18		
Mt. Ol.	1861	19-Feb	Funkhouser, Hannah	Self	Coffee		3	0.54		
Mt. Ol.	1861	22-Feb	Sibert, John	Jane, Amelia	Coffee		1	0.18		
Mt. Ol.	1861	22-Feb	Funkhouser, Hannah	Self	Coffee		3	0.54		
Mt. Ol.	1861	22-Feb	Wetsel, Henry	Self	Coffee		2	0.36		
Mt. Ol.	1861	22-Feb	Grove, Abraham	Self	Coffee		2	0.36		
Mt. Ol.	1861	23-Feb	Baker, Abraham	Self	Coffee		2	0.36		
Mt. Ol.	1861	23-Feb	Funkhouser, John H.	Self	Coffee		2	0.36		
Mt. Ol.	1861	23-Feb	Windle, Benjamin	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	25-Feb	Snarr, George H.	Mary	Coffee		1	0.18		
Mt. Ol.	1861	25-Feb	Spigle, Jacob	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	26-Feb	Rosenburger, Joseph	Elizabeth	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	26-Feb	Rosenburger, Paul	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	27-Feb	Schafer, August	Self	Coffee		2	0.36		
Mt. Ol.	1861	28-Feb	Maphis, David	Self	Coffee		2	0.36		
Mt. Ol.	1861	28-Feb	Towns, John E.	Self	Coffee		2	0.36		
Mt. Ol.	1861	28-Feb	Hockman, Magdalene	Self	Coffee		2	0.36		
Mt. Ol.	1861	28-Feb	Towns, John E.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	28-Feb	Baker, Lewis	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	1-Mar	Coly, Joseph	Self	Coffee		1	0.18		
Mt. Ol.	1861	2-Mar	Wetsel, Henry	Self	Coffee		1.5	0.27		
Mt. Ol.	1861	4-Mar	Maphis, David	Self	Tea		0.25	0.25		
Mt. Ol.	1861	8-Mar	Baker, Lewis	Self	Coffee		3	0.5		
Mt. Ol.	1861	11-Mar	Hamman, Lewis	Self	Coffee		1	0.17		
Mt. Ol.	1861	11-Mar	Maphis, Easter	Pate	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	13-Mar	Rosenburger, Henry	Self	Tea		0.0625	0.0625		
Mt. Ol.	1861	13-Mar	Brill, Samuel	Self	Coffee		2	0.33		
Mt. Ol.	1861	13-Mar	Rosenburger, Henry	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	14-Mar	Towns, John E.	Self	Tea		0.25	0.25		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence
Mt. Ol.	1861	15-Mar	Rootz, Catharine	Baker, William	Coffee		2	0.33		
Mt. Ol.	1861	16-Mar	Lindeburg, John	Self	Coffee		1	0.17		
Mt. Ol.	1861	20-Mar	Rootz, Catharine	Self	Coffee		4	0.67		
Mt. Ol.	1861	22-Mar	Grove, Abraham	Self	Coffee		2	0.33		
Mt. Ol.	1861	22-Mar	Hottle, John	Self	Coffee		1	0.17		
Mt. Ol.	1861	23-Mar	Glaze, John H.	Self	Coffee		1	0.17		
Mt. Ol.	1861	23-Mar	Feller, Noah	Self	Coffee			0.11		
Mt. Ol.	1861	23-Mar	Smootz, George	Peer, D.	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	27-Mar	Pifer, Isaac	Self	Coffee		5	0.83		
Mt. Ol.	1861	27-Mar	Pifer, Isaac	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	29-Mar	Coly, George	Self	Tea		0.03125	0.0625		
Mt. Ol.	1861	29-Mar	Eberly, Elizabeth	Self	Coffee		2	0.33		
Mt. Ol.	1861	30-Mar	Snarr, Joseph H.	Perry, Joseph	Coffee		1	0.17		
Mt. Ol.	1861	30-Mar	Windle, Joseph	Self	Coffee		1	0.17		
Mt. Ol.	1861	30-Mar	Hockman, Magdalene	Self	Coffee		1	0.17		
Mt. Ol.	1861	30-Mar	Rudy, Henry	Self	Coffee		1.5	0.25		
Mt. Ol.	1861	3-Apr	Snarr, George H.	Mary	Coffee		1	0.17		
Mt. Ol.	1861	3-Apr	Schafer, August	Self	Coffee		2	0.33		
Mt. Ol.	1861	3-Apr	Schafer, August	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	5-Apr	Spiker, Ezra	Self	Coffee		2	0.33		
Mt. Ol.	1861	6-Apr	Funkhouser, John H.	Self	Coffee		2	0.33		
Mt. Ol.	1861	8-Apr	Funkhouser, Hannah	James	Coffee		1	0.17		
Mt. Ol.	1861	11-Apr	Lindeburg, John	Self	Coffee		1	0.17		
Mt. Ol.	1861	12-Apr	Baker, Lewis	Self	Coffee		3	0.48		
Mt. Ol.	1861	12-Apr	Coly, George	Self	Coffee		2	0.15		
Mt. Ol.	1861	12-Apr	Baker, Lewis	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	13-Apr	Ford, Spencer	Self	Coffee		1	0.15		
Mt. Ol.	1861	13-Apr	Copp, John E.	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	15-Apr	Funkhouser, Hannah	Self	Coffee		2	0.3		
Mt. Ol.	1861	16-Apr	Ridenour, Joel	Self	Coffee		1	0.15		
Mt. Ol.	1861	17-Apr	Feller, Noah	Self	Coffee		2	0.3		

Location	Year	Day	Account	Individual	Item	Type	Pounds	Dollars	Shilling	Pence
Mt. Ol.	1861	17-Apr	Rosenburger, Joseph	Self	Coffee		4	0.6		
Mt. Ol.	1861	17-Apr	Rosenburger, Joseph	Self	Coffee	Essence of Coffee		0.1		
Mt. Ol.	1861	18-Apr	Lentz, Martha	Self	Coffee		2	0.3		
Mt. Ol.	1861	18-Apr	Rootz, Catharine	Self	Coffee		2	0.3		
Mt. Ol.	1861	18-Apr	Barb, Abraham H.	Wife	Coffee		1	0.15		
Mt. Ol.	1861	20-Apr	Brill, Samuel	Self	Coffee		2	0.3		
Mt. Ol.	1861	20-Apr	Hockman, Magdalene	Self	Coffee		1	0.15		

Appendix G: Supplementary Data for Chapter 9

Table 1: Locally-Made Utilitarian Vessels Bought by White Shenandoahans

This table contains all instances of White consumer buying locally made utilitarian ceramics in the merchants' ledgers used for this dissertation (see Chapter 7). It also contains purchase made at Peter Bell's Hagerstown pottery. While located just north of the Valley, I include the Bell data in this table because Hagerstown has many of the same trends in ceramic production and consumption as the Valley (Comstock 1994b). Data comes from all ledgers used in this dissertation.

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Charlestown	1795	8/20	Sewell, David	Self	Jug	1		1	0
Charlestown	1795	9/16	Frame?, Mathew	Self	Jug (Small)	1		1	2
Charlestown	1796	11/18	Frame, Matthew	Self	Jug (Stoneware)	2		3	9
Winchester	1799	4/25	Reed, George	Self	Milk Pan	3		7	6
Winchester	1799	7/5	Haughman, George	Self	Pot (Milk)	6		2	0
Winchester	1799	8/1	Miller, Mrs.	Mother	Pot (Milk)	3		1	0
Winchester	1799	8/26	Overacre, Isaac	Self	Pot (Pickling)	1		0	9
Winchester	1799	8/28	Miller, Mrs.	Apprentice	Pot (Pickling)	1		0	9
Winchester	1799	10/8	Keenan, Thomas	Wife	Pot (Earthen)	3		1	6
Winchester	1799	10/14	Miller, Mrs.	Self	Pot (Milk)	1		0	4
Winchester	1799	11/11	Miller, Mrs.	Kiger?	Pot (Milk)	1		0	6
Winchester	1799	11/14	Folliner, Jacob	Self	Pot (Milk)	2		1	0
Winchester	1799	12/10	Folliner, Jacob	Brother	Pot (Milk)	1		0	6
Winchester	1799	12/12	Folliner, Jacob	Brother	Pot (Milk)	1		0	6
Winchester	1800	1/27	Garnett, Martin	Wife	Jug (Small)	1		0	4.5
Winchester	1800	5/6	Brown, John	Wife	Pot (Milk)	1		0	3
Winchester	1800	5/16	Garnett, Martin	Wife	Pot (Milk)	3		0	9.5
Winchester	1800	5/31	Huntsberry, Henry	Son	Pot (Earthen)	4		1	8
Winchester	1800	5/31	Miller, Mrs.	Self	Pot (Milk)	1		0	4.5
Winchester	1800	7/1	Miller, Mrs.	Hiber	Pot (Milk)	1		0	3
Winchester	1800	7/2	Aulich, Charles	Daughter	Pot (Milk)	6		2	3
Winchester	1800	8/6	Miller, Mrs.	Apprentice	Pot (Milk)	2		0	6
Winchester	1800	8/20	Garnett, Martin	Self	Pot (Preserving)	1		0	9
Winchester	1800	8/23	Folliner, Jacob	Foaler?	Pot (Milk)	1		0	5
Winchester	1800	9/6	Miller, Mrs.	Apprentice	Pot (Pickling)	1		1	0
Winchester	1800	9/26	Huntsberry, Henry	Wife	Pot (Milk)	4		1	6
Winchester	1800	10/15	Canniford, Henry	Self	Jug	1		0	9
Winchester	1800	10/24	Folliner, Jacob	Self	Pot (Milk)	1		0	3
Winchester	1800	10/24	Garnett, Martin	Wife	Pot (Preserving)	1		0	7.5
Winchester	1800	10/24	Folliner, Jacob	Self	Pot Lid	1		1	0
Winchester	1800	11/3	Chapman, Valentine	Self	Jug	1		0	9

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Middletown	1806	4/8	Menzis, Samuel	Self	Crock	6		3	0
Middletown	1806	6/5	Baker, Samuel	Dick	Crock	3		1	6
Middletown	1806	6/5	Baker, Samuel	Dick	Pan	3		1	6
Middletown	1806	6/6	Campbell, John	Self	Crock	2		0	9
Hagerstown	1808	5/3	n/a	n/a	Pot (Flat)	1		0	4
Hagerstown	1808	5/3	n/a	n/a	Pot (Flat)	1		0	8
Hagerstown	1808	5/3	n/a	n/a	Pot (Flat)	1		0	6
Hagerstown	1808	5/7	n/a	n/a	Crock (Large)	1		2	5
Hagerstown	1808	5/7	n/a	n/a	Crock (Milk)	1		0	6
Hagerstown	1808	5/7	n/a	n/a	Crock (Milk)	1		0	8
Hagerstown	1808	5/7	n/a	n/a	Crock (Milk)	1		0	4
Hagerstown	1808	5/7	n/a	n/a	Jug (Half Gallon)	1		1	2
Hagerstown	1808	5/7	n/a	n/a	Jug (Quart)	1		0	7
Hagerstown	1808	5/8	n/a	n/a	Jar (Preserve)	1		0	10
Hagerstown	1808	5/8	n/a	n/a	Jar (Preserve)	1		1	4
Hagerstown	1808	5/8	n/a	n/a	Jar (Preserve)	1		2	0
Hagerstown	1808	5/31	n/a	n/a	Crock (Large)	1		1	6
Hagerstown	1808	5/31	n/a	n/a	Crock (Large)	1		2	4
Hagerstown	1808	5/31	n/a	n/a	Jug (Gallon)	1		2	0
Hagerstown	1808	6/1	n/a	n/a	Jug (Pint)	1		0	4
Hagerstown	1808	6/24	n/a	n/a	Jug (Gallon)	1		2	2
Hagerstown	1808	9/16	n/a	n/a	Pot (Large)	1		1	10.5
Hagerstown	1808	9/16	n/a	n/a	Pot (Large)	1		1	10.5
Hagerstown	1808	9/16	n/a	n/a	Pot (Milk, High)	1		0	6
Hagerstown	1808	9/16	n/a	n/a	Pot (Milk, High)	1		0	4
Hagerstown	1808	9/16	n/a	n/a	Pot (Milk, High)	1		0	8
Hagerstown	1808	10/31	n/a	n/a	Pot (Cream)	1		1	10.5
Hagerstown	1808	10/31	n/a	n/a	Pot (Cream)	1		1	10.5
Hagerstown	1809	6/24	n/a	n/a	Jug (Quart)	1		0	8
Hagerstown	1809	8/28	n/a	n/a	Crock (Small)	1		0	2
Hagerstown	1809	9/9	n/a	n/a	Pot (Cream)	1		1	0
Hagerstown	1809	9/23	n/a	n/a	Pot (Cook)	1		1	6
Hagerstown	1809	10/17	n/a	n/a	Jar (Pickling)	1		1	8
Hagerstown	1809	10/31	n/a	n/a	Jar (Pickling)	1		1	6
Hagerstown	1809	11/3	Miller, Frederick	n/a	Pot (Galley)	1		1	2
Hagerstown	1810	5/7	n/a	n/a	Jar (Preserve)	1		1	10.5
Hagerstown	1810	8/16	n/a	n/a	Jar (Pickling)	1		1	0
Hagerstown	1810	9/12	n/a	n/a	Crock (Large)	1		1	3
Hagerstown	1811	10/11	n/a	n/a	Pot (Candle, Large)	1		3	9
Hagerstown	1812	5/19	n/a	n/a	Jug (Pint)	1		0	5.5
Hagerstown	1812	5/25	n/a	n/a	Jug (3 Quart)	1		0	8
Hagerstown	1812	10/15	n/a	n/a	Pot (Cook)	1		1	3

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Hagerstown	1813	6/4	n/a	n/a	Crock (Meat, Large)	1		1	10.5
Hagerstown	1813	9/5	n/a	n/a	Crock (Large)	1		2	0
Hagerstown	1813	9/18	n/a	n/a	Jar (Pickling)	1		0	11
Hagerstown	1813	9/20	n/a	n/a	Jar (Pickling)	1		1	10.5
Hagerstown	1813	10/26	n/a	n/a	Crock (Milk)	1		0	5
Hagerstown	1814	1/8	Wendear (Dr.)	n/a	Crock (Large)			16	0
Hagerstown	1814	3/11	n/a	n/a	Pot (Flat)	1		0	10
Hagerstown	1814	9/16	n/a	n/a	Crock (Large)	1		0	10
Hagerstown	1814	12/15	n/a	n/a	Pot (Cream)	1		3	9
Hagerstown	1815	3/18	n/a	n/a	Pot (Flat)	1		0	11
Hagerstown	1815	5/22	n/a	n/a	Pot (Candle, Large)	1		0	7
Hagerstown	1815	6/8	n/a	n/a	Jug (Large)	1		4	0
Hagerstown	1815	6/17	n/a	n/a	Pot (Large)	1		5	7.5
Hagerstown	1815	6/17	n/a	n/a	Pot (Large)	1		2	0
Hagerstown	1816	1/29	n/a	n/a	Jug (Half Gallon)	1		1	4.5
Hagerstown	1816	2/14	n/a	n/a	Pot (Cook)	1		1	10.5
Hagerstown	1819	6/19	n/a	n/a	Pot (Milk, Large)	1		0	8
Hagerstown	1820	10/23	n/a	n/a	Jug (5 quart)	1		2	4
Hagerstown	1821	8/7	n/a	n/a	Pot (Meat, Large)	1		2	4
Hagerstown	1821	10/28	n/a	n/a	Pot (Cream)	1		1	2
Hagerstown	1822	1/11	n/a	n/a	Pot (Cook)	1		1	0
Hagerstown	1822	4/27	n/a	n/a	Pot (Milk, Large)	1		0	10
Hagerstown	1822	4/27	n/a	n/a	Pot (Milk, Large)	1		0	6
Hagerstown	1822	4/27	n/a	n/a	Pot (Milk, Large)	1		0	4
Hagerstown	1822	4/27	n/a	n/a	Pot (Milk, Large)	1		0	2
Hagerstown	1823	9/17	n/a	n/a	Pot (Fruit)	1		0	7
Winchester	1841	7/2	McKee, Robert	Lady	Jar (Stone)	1			
Winchester	1841	7/24	Cather, James	Cather, Clark	Crock (Milk)	2			
Winchester	1841	7/26	Hook, Archibald	?	Jar (Can?)	1			
Winchester	1841	8/4	Anderson, Sydnor?	Self	Crock	1			
Winchester	1841	8/10	Lovett, Johnathan	Lady	Crock	4	0.29		
Winchester	1841	9/25	Cather, James	?	Crock	2			
Winchester	1841	10/1	McKee, Robert	Son	Crock	1	0.12		
Winchester	1841	10/7	Elliot, William	Wilcox	Crock (Milk)	2	0.18		
Winchester	1841	10/12	Lovett, Mahlon	Self	Pot (Milk)	2	0.28		
Winchester	1841	10/14	Lovett, Mahlon	Son	Pot (Milk)	8	0.71		
Winchester	1841	10/20	Marpole, Enoch	Self	Crock	1			
Winchester	1841	10/20	Hook, Archibald	Self	Jug (Stone)	1	0.37		
Winchester	1842	5/4	Anderson, Sydnor?	Self	Pot (Milk)	3	0.15		
Winchester	1842	6/18	Cather, James	William	Crock	4	0.12		
Winchester	1842	6/20	Anderson, Sydnor?	Self	Crock (Milk)				
Winchester	1842	6/24	Cather, James	Clark	Crock (Milk)	4			

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Winchester	1842	6/24	Popkins, Craven	Self	Crock (Milk)	4	0.4		
Winchester	1842	7/16	Crumley?, Henry	Lady	Jar	1			
Winchester	1842	7/23	Swartz, George	Daughter	Pot (Milk)	2			
Winchester	1842	8/8	Anderson, Paul	Self	Jug	1	0.375		
Winchester	1842	8/13	Keckley, Elias	Self	Crock	2			
Winchester	1842	9/1	Pool, Martin	Self	Crock (Milk)	1			
Winchester	1842	9/12	Lovett, Mahon	Son	Jar (Stone)	2			
Winchester	1842	9/20	Muse, Edward	?	Jar	2			
Winchester	1842	9/20	Muse, Edward	?	Pot (Milk)	2			
Winchester	1842	9/20	Hix, Eli	Son	Pot (Milk)	2	0.25		
Strasburg	1848	4/15	Redfern, William	Self	Pot (Teal?)	1	0.25		
Back Creek	1849	9/25	Anderson, George	Self	Crock	2	1.0625		
Back Creek	1849	9/28	Serviner?, William	Self	Crock	1	0.8		
Back Creek	1849	10/1	Triplet?, John	Self	Crock	1	1.1		
Back Creek	1849	10/1	Marpole, Benjamin	Self	Crock	3	0.39		
Back Creek	1849	10/1	Marpole, Benjamin	Self	Jar	2	0.4		
Back Creek	1849	10/1	Marpole, Benjamin	Self	Jar (Small)	2	0.16		
Back Creek	1849	10/2	Hook, David	Self	Jug	1	0.375		
Back Creek	1849	10/8	Anderson, Josiah	Self	Crock	1	0.125		
Back Creek	1849	10/10	Hook, David	Mariah	Jug	1	0.375		
Back Creek	1849	10/13	Giffin, Mrs.	Self	Crock	3	0.375		
Back Creek	1849	10/16	Serviner?, William	Self	Crock	3	0.1875		
Back Creek	1849	10/16	Serviner?, William	Self	Crock	2	0.24		
Back Creek	1849	10/16	Wilcox, Thomas	Self	Crock	4	0.495		
Back Creek	1849	10/19	Carpenter, Lewis	Self	Crock	1	0.0625		
Back Creek	1849	10/22	Payne, John	Smith	Crock	1	0.1		
Back Creek	1849	10/23	Carpenter, Lewis	Self	Crock	1	0.125		
Back Creek	1849	10/26	McKee, William	Self	Jug (1 Gal.)	1	0.17		
Back Creek	1849	11/27	Anderson, Josiah	Self	Jar	1	0.125		
Back Creek	1850	1/2	McKee, Barton	Self	Jug	1	0.17		
Back Creek	1850	4/25	Payne, Richmond	Self	Jug (.5 gallon)	1	0.1875		
Back Creek	1850	6/3	Pearl, Isaac	Self	Jug (.25 gallon)	1	0.17		
Back Creek	1850	6/10	Carpenter, Lewis	Self	Crock (Milk)	3	0.3		
Back Creek	1850	6/11	Whitacker, Washington	Self	Crock (Milk)	4	0.2675		
Back Creek	1850	6/13	P?, Martin	Wife	Crock (Milk)	4	0.36		
Back Creek	1850	7/5	Stipe, John	Self	Jug (Stone)	1	0.1875		
Back Creek	1850	7/26	Jackson, Ebenezer	Self	Crock (Milk)	4	0.4		
Back Creek	1850	8/19	Howard, Catherine	Self	Crock (Milk)	1	0.125		
Back Creek	1850	8/24	Muse?, Martin	Self	Crock (Milk)	4	0.4		
Back Creek	1850	8/26	Carpenter, Lewis	Self	Crock (Milk)	4	0.4		
Back Creek	1850	8/27	Pool, Martin	Self	Crock (Milk)	1	0.125		
Back Creek	1850	8/27	Lupton, Joel	Self	Pan	2	0.5		

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Back Creek	1850	9/9	Pool, Martin	Wife	Crock (Milk)	2	0.205		
Back Creek	1850	9/12	Lockhart, Robert	Self	Crock (Milk)	8	0.8		
Back Creek	1850	9/13	Dent, George	Self	Crock (Milk)	5	0.5		
Back Creek	1850	9/13	Householder, A.J.	Self	Jug (Gallon)	1	0.17		
Back Creek	1850	9/21	Jackson, Ebenezer	Self	Jar (Stone)	1	0.375		
Back Creek	1850	9/23	Whitacre, Wilson	Self	Crock (Milk)	2	0.225		
Back Creek	1850	9/25	Jackson, Ebenezer	Self	Crock (Milk)	2	0.2		
Back Creek	1850	9/25	Dixon, Thomas	Self	Jar	2	0.5		
Back Creek	1850	9/26	Parish, Joseph	Self	Jug (Quart)	1	0.17		
Back Creek	1850	9/27	Anderson, Margaret	Self	Crock (Milk)	1	0.1		
Back Creek	1850	9/27	Fletcher, Isaac	Self	Crock (Milk)	2	0.2		
Back Creek	1850	10/11	Lockhart, Samuel	Self	Jug	1	0.1875		
Back Creek	1850	10/14	Muse, Martin	Self	Jar (Stone)	1	0.375		
Back Creek	1850	10/16	Carpenter, Lewis	Self	Jug	1	0.17		
Back Creek	1850	10/26	Liden, Thomas	Self	Jug (half gallon)	1	0.17		
Back Creek	1851	5/20	Hammon, Joseph	?	Crock (Milk)	2	0.17		
Back Creek	1851	5/26	Lockhart, James	Self	Crock (Milk)	2	0.1875		
Back Creek	1851	5/28	Dixon, Thomas	Self	Jug	1	0.17		
Back Creek	1851	5/31	Lakenon?, Jesse	Self	Crock (Milk)	1	0.08		
Back Creek	1851	6/5	Elliot, William	Wife	Crock (Milk)	3	0.22		
Back Creek	1851	6/17	Davis, Joseph	Self	Crock (Milk)	6	0.5		
Back Creek	1856	9/12	Gore, Mahone	Self	Crock	1	0.08		
Back Creek	1856	9/23	Kerns, George	Self	Crock	4	0.4		
Back Creek	1856	9/24	Boak, Elizabeth	Self	Crock (Milk)	2	0.25		
Back Creek	1856	9/25	Gore, Mahone	Self	Crock	5	0.25		
Back Creek	1856	9/25	Gore, Mahone	Self	Jar	1	0.2		
Back Creek	1856	10/1	?urr, James	Self	Crock	1	0.1		
Back Creek	1856	10/3	Dent, George	Self	Crock	3	0.3		
Back Creek	1856	10/13	Cather, William	Self	Crock (Milk)	2	0.1		
Back Creek	1856	10/16	Lockhart, ?	Self	Crock	3	0.3		
Back Creek	1856	10/26	Carpenter, Lewis	Self	Crock	2	0.125		
Back Creek	1856	10/31	Whitacre, Wilson	Self	Jar	4	1		
Back Creek	1856	11/10	Kerns, Joshua	Self	Crock (Milk)	2	0.2		
Back Creek	1856	11/13	Lockhart, Elizabeth	Self	Crock	6	0.48		
Back Creek	1856	11/13	Lockhart, Elizabeth	Self	Jar	2	0.5		
Back Creek	1856	11/14	Smith, J.D.	Self	Jug	1	0.17		
Back Creek	1856	11/17	Dent, George	Self	Crock	2	0.2		
Back Creek	1856	11/19	Smith, J.D.	Self	Crock	1	0.15		
Back Creek	1856	12/3	Rinehart, Charles	Self	Crock	5	0.3125		
Back Creek	1856	12/6	Shearer, Mary	Self	Crock	4	0.25		
Back Creek	1857	2/24	Kerns, James	Self	Crock (Milk)		0.28		
Back Creek	1857	5/7	McDonald, Gabriel	Self	Crock (Milk)	1	0.0625		

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Back Creek	1857	5/18	Marpole, Simon	Self	Jug	1	0.125		
Back Creek	1857	5/28	Shuler, Samuel	Self	Crock (Milk)	1	0.125		
Back Creek	1857	6/3	McHay, William	Self	Crock (Milk)	2	0.16		
Back Creek	1857	6/20	Chamberlain, Mrs.	Self	Crock (Milk)	2	0.2		
Back Creek	1857	7/4	Triplett, J.R.	Self	Jug (1 gal.)	1	0.25		
Back Creek	1857	7/29	Lockhart, Robert	Self	Crock	5	0.5		
Back Creek	1857	8/3	O?, John	?	Crock (Milk)	2	0.18		
Back Creek	1857	8/6	Chamberlain, Martha	Self	Crock (Milk)	2	0.2		
Back Creek	1857	8/10	O?, John	Self	Crock (Milk)	1	0.1		
Back Creek	1857	9/16	Anderson, Asa	Self	Pot (Milk)	1	0.125		
Back Creek	1857	9/17	Hackney, Mrs.	Self	Crock	4	0.25		
Back Creek	1857	9/18	Good, James?	Self	Crock	10	0.985		
Back Creek	1857	9/22	Good, James?	Self	Crock	2	0.205		
Back Creek	1857	9/23	Lockhart, B.	Self	Crock	6	0.75		
Back Creek	1857	9/23	Lockhart, Eliza	Self	Crock	1	0.125		
Back Creek	1857	9/23	Serivner?, V.S?	Self	Crock	2	0.205		
Back Creek	1857	9/28	Kerns, George	Daughter	Crock (Milk)	4	0.5		
Back Creek	1857	9/29	Anderson, Asa	Self	Crock (Milk)	1	0.1		
Back Creek	1857	9/30	Good, John	Self	Crock (Milk)	12	0.89		
Back Creek	1857	9/30	Muse, Mrs.	Self	Crock (Milk)	1	0.06		
Back Creek	1857	10/2	Lockhart, Beverly	Self	Crock (Milk)	2	0.16		
Back Creek	1857	10/7	Smith, Thomas	Self	Crock (Milk)	2	0.25		
Back Creek	1857	10/7	Jackson, Samuel	Self	Crock (Milk)	3	0.26		
Back Creek	1857	10/9	Anderson, Asa	Self	Crock (Milk)	6	0.7		
Back Creek	1857	10/14	Boak, Elizabeth	Self	Crock	2	0.16		
Back Creek	1857	10/16	Elliot, William	Self	Crock (Milk)	4	0.4		
Back Creek	1857	10/24	Garrett, A.	Self	Crock (Milk)	8	0.5		
Back Creek	1857	10/27	Cather, James	Self	Crock (Milk)	6	0.6		
Back Creek	1858	8/9	Servner?, V.S.	Wife	Crock (Milk)	2	0.16		
Back Creek	1858	8/28	Chamberlain, Mrs.	Self	Crock	3	0.24		
Back Creek	1859	3/22	Anderson, Asa	Self	Jar	1	0.12		
Back Creek	1859	6/2	Smith, J.D.	Self	Crock	5	0.5		
Back Creek	1859	6/6	Kerns, George	Self	Crock (Milk)	4	0.5		
Back Creek	1859	6/8	McKee, David	Son	Crock	1	0.1		
Back Creek	1859	6/17	Lockhart, Robert	Self	Crock (Milk)	1	0.1		
Back Creek	1859	6/20	Miller, Robert	Self	Crock (Milk)	2	0.125		
Back Creek	1859	6/22	McKee, David	Self	Crock (Milk)	1	0.1		
Back Creek	1859	7/4	Smith, J.D.	Self	Crock (Milk)	6	0.6		
Back Creek	1859	7/26	McKee, Ruby	Self	Crock (Milk)	2	0.16		
Back Creek	1859	9/1	Dent, George	Self	Crock (Milk)	2	0.25		
Back Creek	1859	9/7	Serviner, V.S.	Self	Crock (Milk)	3	0.375		
Back Creek	1859	9/10	Smith, J.D.	Self	Crock (Milk)	8	1		

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Back Creek	1859	9/14	Hicks, Elizabeth	Self	Crock	2	0.125		
Back Creek	1859	9/14	Elliot, William	Self	Crock (Milk)	2	0.16		
Back Creek	1859	9/14	Elliot, William	Self	Crock (Milk)	4	0.5		
Back Creek	1859	9/14	Fletcher, Poland	Self	Crock (Milk)	8	0.8		
Back Creek	1859	9/14	Hicks, Jeremiah	Self	Crock (Milk)	2	0.25		
Back Creek	1859	9/14	Hicks, Jeremiah	Self	Crock (Milk)	2	0.2		
Back Creek	1859	9/14	Hicks, Jeremiah	Self	Crock (Milk)	1	0.08		
Back Creek	1859	9/14	Marpole, George	Sister	Crock (Milk)	8	1		
Back Creek	1859	9/16	Boak, R.E.	Self	Crock	1	0.08		
Back Creek	1859	9/28	Muse, A.W.	Self	Crock (Milk)	6	0.375		
White Hall	1860	6/1	Keiter, John	Self	Jug	1	0.19		
White Hall	1860	6/13	McKnown, ?	Self	Jug	1	0.19		
White Hall	1860	6/16	Keiter?, John	Self	Jug	1	0.19		
White Hall	1860	6/29	Holt?, Daniel	Self	Crock	4	0.33		
White Hall	1860	7/2	Taylor, David	Self	Jug	1	0.25		
White Hall	1860	7/6	Rupell, Thomas	Self	Crock		0.68		
White Hall	1860	9/1	Artz, John	Self	Crock	1	0.06		
White Hall	1860	9/1	Bowman, ?	Self	Crock	1	0.1		
White Hall	1860	9/3	Best, William	M?	Crock	2	0.3		
White Hall	1860	9/3	Randall, Joel	Self	Crock	2	0.12		
White Hall	1860	9/11	Grim, Abraham	?	Crock	10	1		
White Hall	1860	9/13	Randall, Joel	Self	Crock	1	0.07		
White Hall	1860	9/18	Holt, David	Miller	Crock		0.31		
White Hall	1860	9/18	Barrett, Charles	Self	Crock		1.15		
White Hall	1860	10/1	Holt, David	Self	Crock	4	0.33		
White Hall	1860	10/10	Hyatt, James	Self	Crock	4	0.5		
White Hall	1860	10/12	Bockley, John	Self	Crock	6	0.52		
Mt. Olive	1860	10/16	Hockman, Jonas	Self	Pot	2	0.16		
White Hall	1860	10/17	Borc?, Thomas	Self	Crock				
White Hall	1860	10/17	Keiter, Jefferson	Self	Crock	4	0.33		
Mt. Olive	1860	10/18	Brill, William	Self	Crock	4	0.36		
White Hall	1860	10/26	Holt, John	Nancy	Crock	3	0.19		
White Hall	1860	11/8	Bowman, E.	Self	Jug	1	0.25		
Mt. Olive	1860	11/22	Funkhouser, George	Self	Crock	6	0.6		
White Hall	1860	11/30	Stimel, Peter	Self	Crock	1	0.16		
Mt. Olive	1860	12/1	Grove, William	Self	Crock	5	0.41		
Mt. Olive	1860	12/1	Sibert, H.	Self	Crock	4	0.33		
White Hall	1860	12/11	Freze, ?	Wife	Crock	2	0.12		
Mt. Olive	1860	12/15	Sibert, James	Self	Crock	4	0.33		
White Hall	1860	12/18	Windle, William	Self	Crock	6	0.5		
Mt. Olive	1860	12/24	Towns, John E.	Spence	Crock	3	0.25		
Mt. Olive	1861	1/10	Funkhouser, John H.	Self	Crock	2	0.16		

Location	Year	Day	Account	Individual	Type	Count	Dollars	Shilling	Pence
Mt. Olive	1861	3/9	Smootz, George	Jacob	Crock	3	0.25		
Mt. Olive	1861	3/20	Smootz, George	Self	Crock	1	0.08		
Mt. Olive	1861	3/23	Smootz, George	Peer, D.	Crock	2	0.16		
Mt. Olive	1861	4/1	Bulger, Jackson	Self	Crock	4	0.25		
White Hall	1861	5/16	Clanderry, John	Wife	Crock	6	0.54		
White Hall	1861	9/13	Ca?, John	Wife	Crock	4	0.46		
White Hall	1861	9/24	Hawk, Michael	Self	Crock	1	0.06		
White Hall	1861	10/3	Fries, Michael	Self	Jug (1 Gallon)	2	0.5		
White Hall	1861	10/9	Holt, John	?	Crock	2	0.38		
White Hall	1861	10/11	Weisman, Ruth	Self	Crock	2	0.18		
White Hall	1861	10/16	Weisman, Ruth	Self	Crock	1	0.09		
White Hall	1861	10/16	Weisman, Ruth	Self	Jug	1	0.25		

Table 2: FTIR Peaks from Locally-Made Ceramics, R001-R003, R024-R044, and R059-R065

The table contains the complete FTIR dataset from samples R001-R003, R024-R044, and R059-R065, including both the chipped areas tested for residue and the control samples. Samples R024, R025, and R065 are from locally-made tablewares. Peaks listed as "discard" in the "Discarded?" column were discarded because they belonged to the 31 common peak ranges that are likely due to the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution (also see Table 4). Peaks in this column listed as "residue" did not overlap with peaks from control samples and making them the best candidates to be from absorbed residues. Peaks with nothing in this column are control samples or peaks from chipped areas that matched peaks from the control samples. The "Discarded Range" column lists the commonly occurring peak ranges that were discarded form the analysis. Peak values are in cm-1.

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R001	R001-1	R001-1-B1	Chip	3063	Discard	3070-3054
R001	R001-1	R001-1-B1	Chip	3020	Discard	3028-3017
R001	R001-1	R001-1-B1	Chip	2957	Discard	2960-2951
R001	R001-1	R001-1-B1	Chip	2921	Discard	2928-2915
R001	R001-1	R001-1-B1	Chip	2872	Discard	2878-2863
R001	R001-1	R001-1-B1	Chip	2853	Discard	2860-2825
R001	R001-1	R001-1-B1	Chip	1729	Discard	1741-1723
R001	R001-1	R001-1-B1	Chip	1692	Discard	1704-1692
R001	R001-1	R001-1-B1	Chip	1600	Discard	1610-1600
R001	R001-1	R001-1-B1	Chip	1536	Discard	1543-1536
R001	R001-1	R001-1-B1	Chip	1457	Discard	1463-1454
R001	R001-1	R001-1-B1	Chip	1377	Discard	1383-1374
R001	R001-1	R001-1-B1	Chip	903	Discard	913-884
R001	R001-1	R001-1-B1	Chip	757	Discard	769-751
R001	R001-1	R001-1-B1	Chip	696	Discard	705-696
R001	R001-1	R001-1-B2	Chip	3369	Discard	3413-3281
R001	R001-1	R001-1-B2	Chip	3060	Discard	3070-3054
R001	R001-1	R001-1-B2	Chip	3026	Discard	3028-3017
R001	R001-1	R001-1-B2	Chip	2951	Discard	2960-2951
R001	R001-1	R001-1-B2	Chip	2921	Discard	2928-2915
R001	R001-1	R001-1-B2	Chip	2866	Discard	2878-2863
R001	R001-1	R001-1-B2	Chip	2850	Discard	2860-2825
R001	R001-1	R001-1-B2	Chip	2728	Discard	2737-2722
R001	R001-1	R001-1-B2	Chip	1980		
R001	R001-1	R001-1-B2	Chip	1726	Discard	1741-1723
R001	R001-1	R001-1-B2	Chip	1700	Discard	1704-1692
R001	R001-1	R001-1-B2	Chip	1603	Discard	1610-1600
R001	R001-1	R001-1-B2	Chip	1539	Discard	1543-1536
R001	R001-1	R001-1-B2	Chip	1457	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R001	R001-1	R001-1-B2	Chip	1374	Discard	1383-1374
R001	R001-1	R001-1-B2	Chip	1267	Discard	1276-1266
R001	R001-1	R001-1-B2	Chip	1249	Discard	1255-1246
R001	R001-1	R001-1-B2	Chip	894	Discard	913-884
R001	R001-1	R001-1-B2	Chip	777		
R001	R001-1	R001-1-B2	Chip	757	Discard	769-751
R001	R001-1	R001-1-B2	Chip	699	Discard	705-696
R001	R001-1	R001-1-B3	Chip	3527	Discard	3544-3517
R001	R001-1	R001-1-B3	Chip	3060	Discard	3070-3054
R001	R001-1	R001-1-B3	Chip	3023	Discard	3028-3017
R001	R001-1	R001-1-B3	Chip	2956	Discard	2960-2951
R001	R001-1	R001-1-B3	Chip	2867	Discard	2878-2863
R001	R001-1	R001-1-B3	Chip	2855	Discard	2860-2825
R001	R001-1	R001-1-B3	Chip	1731	Discard	1741-1723
R001	R001-1	R001-1-B3	Chip	1605	Discard	1610-1600
R001	R001-1	R001-1-B3	Chip	1540	Discard	1543-1536
R001	R001-1	R001-1-B3	Chip	1454	Discard	1463-1454
R001	R001-1	R001-1-B3	Chip	1377	Discard	1383-1374
R001	R001-1	R001-1-B3	Chip	1306	Discard	1316-1303
R001	R001-1	R001-1-B3	Chip	1248	Discard	1255-1246
R001	R001-1	R001-1-B3	Chip	900	Discard	913-884
R001	R001-1	R001-1-B3	Chip	754	Discard	769-751
R001	R001-1	R001-1-B3	Chip	700	Discard	705-696
R001	R001-2	R001-2-B1	Chip	3530	Discard	3544-3517
R001	R001-2	R001-2-B1	Chip	3043		
R001	R001-2	R001-2-B1	Chip	3017	Discard	3028-3017
R001	R001-2	R001-2-B1	Chip	2953	Discard	2960-2951
R001	R001-2	R001-2-B1	Chip	2919	Discard	2928-2915
R001	R001-2	R001-2-B1	Chip	2870	Discard	2878-2863
R001	R001-2	R001-2-B1	Chip	2848	Discard	2860-2825
R001	R001-2	R001-2-B1	Chip	2722	Discard	2737-2722
R001	R001-2	R001-2-B1	Chip	2349		
R001	R001-2	R001-2-B1	Chip	2332		
R001	R001-2	R001-2-B1	Chip	2014		
R001	R001-2	R001-2-B1	Chip	1991		
R001	R001-2	R001-2-B1	Chip	1728	Discard	1741-1723
R001	R001-2	R001-2-B1	Chip	1700	Discard	1704-1692
R001	R001-2	R001-2-B1	Chip	1540	Discard	1543-1536
R001	R001-2	R001-2-B1	Chip	1457	Discard	1463-1454
R001	R001-2	R001-2-B1	Chip	1402		
R001	R001-2	R001-2-B1	Chip	1380	Discard	1383-1374
R001	R001-2	R001-2-B1	Chip	1306	Discard	1316-1303

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R001	R001-2	R001-2-B1	Chip	1269	Discard	1276-1266
R001	R001-2	R001-2-B1	Chip	897	Discard	913-884
R001	R001-2	R001-2-B1	Chip	762	Discard	769-751
R001	R001-2	R001-2-B1	Chip	703	Discard	705-696
R001	R001-2	R001-2-B2	Chip	2953	Discard	2960-2951
R001	R001-2	R001-2-B2	Chip	2922	Discard	2928-2915
R001	R001-2	R001-2-B2	Chip	2870	Discard	2878-2863
R001	R001-2	R001-2-B2	Chip	2852	Discard	2860-2825
R001	R001-2	R001-2-B2	Chip	1540	Discard	1543-1536
R001	R001-2	R001-2-B2	Chip	1460	Discard	1463-1454
R001	R001-2	R001-2-B2	Chip	1377	Discard	1383-1374
R001	R001-2	R001-2-B2	Chip	911	Discard	913-884
R001	R001-2	R001-2-B2	Chip	768	Discard	769-751
R001	R001-2	R001-2-B3	Chip	2956	Discard	2960-2951
R001	R001-2	R001-2-B3	Chip	2925	Discard	2928-2915
R001	R001-2	R001-2-B3	Chip	2873	Discard	2878-2863
R001	R001-2	R001-2-B3	Chip	2855	Discard	2860-2825
R001	R001-2	R001-2-B3	Chip	1457	Discard	1463-1454
R001	R001-2	R001-2-B3	Chip	1377	Discard	1383-1374
R001	R001-2	R001-2-B3	Chip	908	Discard	913-884
R001	R001-2	R001-2-B3	Chip	765	Discard	769-751
R001	R001-3	R001-3-B1	Chip	3695	Discard	3695-3619
R001	R001-3	R001-3-B1	Chip	3619	Discard	3695-3619
R001	R001-3	R001-3-B1	Chip	3366	Discard	3413-3281
R001	R001-3	R001-3-B1	Chip	3064	Discard	3070-3054
R001	R001-3	R001-3-B1	Chip	3019	Discard	3028-3017
R001	R001-3	R001-3-B1	Chip	2953	Discard	2960-2951
R001	R001-3	R001-3-B1	Chip	2922	Discard	2928-2915
R001	R001-3	R001-3-B1	Chip	2870	Discard	2878-2863
R001	R001-3	R001-3-B1	Chip	2855	Discard	2860-2825
R001	R001-3	R001-3-B1	Chip	2728	Discard	2737-2722
R001	R001-3	R001-3-B1	Chip	1731	Discard	1741-1723
R001	R001-3	R001-3-B1	Chip	1697	Discard	1704-1692
R001	R001-3	R001-3-B1	Chip	1608	Discard	1610-1600
R001	R001-3	R001-3-B1	Chip	1540	Discard	1543-1536
R001	R001-3	R001-3-B1	Chip	1457	Discard	1463-1454
R001	R001-3	R001-3-B1	Chip	1380	Discard	1383-1374
R001	R001-3	R001-3-B1	Chip	1309	Discard	1316-1303
R001	R001-3	R001-3-B1	Chip	1269	Discard	1276-1266
R001	R001-3	R001-3-B1	Chip	1251	Discard	1255-1246
R001	R001-3	R001-3-B1	Chip	891	Discard	913-884
R001	R001-3	R001-3-B1	Chip	800		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R001	R001-3	R001-3-B1	Chip	777		
R001	R001-3	R001-3-B1	Chip	752	Discard	769-751
R001	R001-3	R001-3-B1	Chip	700	Discard	705-696
R001	R001-3	R001-3-B2	Chip	3527	Discard	3544-3517
R001	R001-3	R001-3-B2	Chip	3378	Discard	3413-3281
R001	R001-3	R001-3-B2	Chip	3064	Discard	3070-3054
R001	R001-3	R001-3-B2	Chip	3021	Discard	3028-3017
R001	R001-3	R001-3-B2	Chip	2953	Discard	2960-2951
R001	R001-3	R001-3-B2	Chip	2919	Discard	2928-2915
R001	R001-3	R001-3-B2	Chip	2870	Discard	2878-2863
R001	R001-3	R001-3-B2	Chip	2855	Discard	2860-2825
R001	R001-3	R001-3-B2	Chip	2722	Discard	2737-2722
R001	R001-3	R001-3-B2	Chip	1731	Discard	1741-1723
R001	R001-3	R001-3-B2	Chip	1697	Discard	1704-1692
R001	R001-3	R001-3-B2	Chip	1602	Discard	1610-1600
R001	R001-3	R001-3-B2	Chip	1540	Discard	1543-1536
R001	R001-3	R001-3-B2	Chip	1510		
R001	R001-3	R001-3-B2	Chip	1497	Discard	1503-1493
R001	R001-3	R001-3-B2	Chip	1457	Discard	1463-1454
R001	R001-3	R001-3-B2	Chip	1377	Discard	1383-1374
R001	R001-3	R001-3-B2	Chip	1309	Discard	1316-1303
R001	R001-3	R001-3-B2	Chip	1269	Discard	1276-1266
R001	R001-3	R001-3-B2	Chip	1251	Discard	1255-1246
R001	R001-3	R001-3-B2	Chip	891	Discard	913-884
R001	R001-3	R001-3-B2	Chip	757	Discard	769-751
R001	R001-3	R001-3-B2	Chip	700	Discard	705-696
R001	R001-3	R001-3-B3	Chip	2954	Discard	2960-2951
R001	R001-3	R001-3-B3	Chip	2918	Discard	2928-2915
R001	R001-3	R001-3-B3	Chip	2872	Discard	2878-2863
R001	R001-3	R001-3-B3	Chip	2850	Discard	2860-2825
R001	R001-3	R001-3-B3	Chip	1701	Discard	1704-1692
R001	R001-3	R001-3-B3	Chip	1539	Discard	1543-1536
R001	R001-3	R001-3-B3	Chip	1460	Discard	1463-1454
R001	R001-3	R001-3-B3	Chip	1377	Discard	1383-1374
R001	R001-3	R001-3-B3	Chip	906	Discard	913-884
R001	R001-3	R001-3-B3	Chip	759	Discard	769-751
R002	R002-1	R002-1-B1	Chip	3530	Discard	3544-3517
R002	R002-1	R002-1-B1	Chip	3064	Discard	3070-3054
R002	R002-1	R002-1-B1	Chip	3022	Discard	3028-3017
R002	R002-1	R002-1-B1	Chip	2952	Discard	2960-2951
R002	R002-1	R002-1-B1	Chip	2922	Discard	2928-2915
R002	R002-1	R002-1-B1	Chip	2866	Discard	2878-2863

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R002	R002-1	R002-1-B1	Chip	2854	Discard	2860-2825
R002	R002-1	R002-1-B1	Chip	2725	Discard	2737-2722
R002	R002-1	R002-1-B1	Chip	1732	Discard	1741-1723
R002	R002-1	R002-1-B1	Chip	1698	Discard	1704-1692
R002	R002-1	R002-1-B1	Chip	1603	Discard	1610-1600
R002	R002-1	R002-1-B1	Chip	1542	Discard	1543-1536
R002	R002-1	R002-1-B1	Chip	1515		
R002	R002-1	R002-1-B1	Chip	1493	Discard	1503-1493
R002	R002-1	R002-1-B1	Chip	1457	Discard	1463-1454
R002	R002-1	R002-1-B1	Chip	1377	Discard	1383-1374
R002	R002-1	R002-1-B1	Chip	1307	Discard	1316-1303
R002	R002-1	R002-1-B1	Chip	1270	Discard	1276-1266
R002	R002-1	R002-1-B1	Chip	1246	Discard	1255-1246
R002	R002-1	R002-1-B1	Chip	898	Discard	913-884
R002	R002-1	R002-1-B1	Chip	895	Discard	913-884
R002	R002-1	R002-1-B1	Chip	755	Discard	769-751
R002	R002-1	R002-1-B1	Chip	699	Discard	705-696
R002	R002-1	R002-1-B2	Chip	3060	Discard	3070-3054
R002	R002-1	R002-1-B2	Chip	3021	Discard	3028-3017
R002	R002-1	R002-1-B2	Chip	2954	Discard	2960-2951
R002	R002-1	R002-1-B2	Chip	2924	Discard	2928-2915
R002	R002-1	R002-1-B2	Chip	2872	Discard	2878-2863
R002	R002-1	R002-1-B2	Chip	2857	Discard	2860-2825
R002	R002-1	R002-1-B2	Chip	1732	Discard	1741-1723
R002	R002-1	R002-1-B2	Chip	1701	Discard	1704-1692
R002	R002-1	R002-1-B2	Chip	1603	Discard	1610-1600
R002	R002-1	R002-1-B2	Chip	1536	Discard	1543-1536
R002	R002-1	R002-1-B2	Chip	1457	Discard	1463-1454
R002	R002-1	R002-1-B2	Chip	1377	Discard	1383-1374
R002	R002-1	R002-1-B2	Chip	1313	Discard	1316-1303
R002	R002-1	R002-1-B2	Chip	1273	Discard	1276-1266
R002	R002-1	R002-1-B2	Chip	904	Discard	913-884
R002	R002-1	R002-1-B2	Chip	766	Discard	769-751
R002	R002-1	R002-1-B2	Chip	699	Discard	705-696
R002	R002-1	R002-1-B3	Chip	3527	Discard	3544-3517
R002	R002-1	R002-1-B3	Chip	3061	Discard	3070-3054
R002	R002-1	R002-1-B3	Chip	3019	Discard	3028-3017
R002	R002-1	R002-1-B3	Chip	2954	Discard	2960-2951
R002	R002-1	R002-1-B3	Chip	2924	Discard	2928-2915
R002	R002-1	R002-1-B3	Chip	2869	Discard	2878-2863
R002	R002-1	R002-1-B3	Chip	2853	Discard	2860-2825
R002	R002-1	R002-1-B3	Chip	2725	Discard	2737-2722

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R002	R002-1	R002-1-B3	Chip	2321		
R002	R002-1	R002-1-B3	Chip	1983		
R002	R002-1	R002-1-B3	Chip	1732	Discard	1741-1723
R002	R002-1	R002-1-B3	Chip	1698	Discard	1704-1692
R002	R002-1	R002-1-B3	Chip	1606	Discard	1610-1600
R002	R002-1	R002-1-B3	Chip	1493	Discard	1503-1493
R002	R002-1	R002-1-B3	Chip	1457	Discard	1463-1454
R002	R002-1	R002-1-B3	Chip	1380	Discard	1383-1374
R002	R002-1	R002-1-B3	Chip	1307	Discard	1316-1303
R002	R002-1	R002-1-B3	Chip	1270	Discard	1276-1266
R002	R002-1	R002-1-B3	Chip	1249	Discard	1255-1246
R002	R002-1	R002-1-B3	Chip	960		
R002	R002-1	R002-1-B3	Chip	897	Discard	913-884
R002	R002-1	R002-1-B3	Chip	754	Discard	769-751
R002	R002-1	R002-1-B3	Chip	699	Discard	705-696
R002	R002-2	R002-2-B1	Chip	3054	Discard	3070-3054
R002	R002-2	R002-2-B1	Chip	3020	Discard	3028-3017
R002	R002-2	R002-2-B1	Chip	2951	Discard	2960-2951
R002	R002-2	R002-2-B1	Chip	2927	Discard	2928-2915
R002	R002-2	R002-2-B1	Chip	2863	Discard	2878-2863
R002	R002-2	R002-2-B1	Chip	2857	Discard	2860-2825
R002	R002-2	R002-2-B1	Chip	1991		
R002	R002-2	R002-2-B1	Chip	1723	Discard	1741-1723
R002	R002-2	R002-2-B1	Chip	1698	Discard	1704-1692
R002	R002-2	R002-2-B1	Chip	1603	Discard	1610-1600
R002	R002-2	R002-2-B1	Chip	1536	Discard	1543-1536
R002	R002-2	R002-2-B1	Chip	1493	Discard	1503-1493
R002	R002-2	R002-2-B1	Chip	1457	Discard	1463-1454
R002	R002-2	R002-2-B1	Chip	1377	Discard	1383-1374
R002	R002-2	R002-2-B1	Chip	1249	Discard	1255-1246
R002	R002-2	R002-2-B1	Chip	900	Discard	913-884
R002	R002-2	R002-2-B1	Chip	763	Discard	769-751
R002	R002-2	R002-2-B1	Chip	702	Discard	705-696
R002	R002-2	R002-2-B2	Chip	2954	Discard	2960-2951
R002	R002-2	R002-2-B2	Chip	2927	Discard	2928-2915
R002	R002-2	R002-2-B2	Chip	2869	Discard	2878-2863
R002	R002-2	R002-2-B2	Chip	2853	Discard	2860-2825
R002	R002-2	R002-2-B2	Chip	1542	Discard	1543-1536
R002	R002-2	R002-2-B2	Chip	1463	Discard	1463-1454
R002	R002-2	R002-2-B2	Chip	1374	Discard	1383-1374
R002	R002-2	R002-2-B2	Chip	908	Discard	913-884
R002	R002-2	R002-2-B2	Chip	768	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R002	R002-2	R002-2-B3	Chip	3346	Discard	3413-3281
R002	R002-2	R002-2-B3	Chip	3054	Discard	3070-3054
R002	R002-2	R002-2-B3	Chip	3017	Discard	3028-3017
R002	R002-2	R002-2-B3	Chip	2951	Discard	2960-2951
R002	R002-2	R002-2-B3	Chip	2924	Discard	2928-2915
R002	R002-2	R002-2-B3	Chip	2866	Discard	2878-2863
R002	R002-2	R002-2-B3	Chip	2853	Discard	2860-2825
R002	R002-2	R002-2-B3	Chip	2722	Discard	2737-2722
R002	R002-2	R002-2-B3	Chip	1726	Discard	1741-1723
R002	R002-2	R002-2-B3	Chip	1698	Discard	1704-1692
R002	R002-2	R002-2-B3	Chip	1606	Discard	1610-1600
R002	R002-2	R002-2-B3	Chip	1539	Discard	1543-1536
R002	R002-2	R002-2-B3	Chip	1496	Discard	1503-1493
R002	R002-2	R002-2-B3	Chip	1460	Discard	1463-1454
R002	R002-2	R002-2-B3	Chip	1377	Discard	1383-1374
R002	R002-2	R002-2-B3	Chip	1307	Discard	1316-1303
R002	R002-2	R002-2-B3	Chip	1270	Discard	1276-1266
R002	R002-2	R002-2-B3	Chip	1249	Discard	1255-1246
R002	R002-2	R002-2-B3	Chip	903	Discard	913-884
R002	R002-2	R002-2-B3	Chip	762	Discard	769-751
R002	R002-2	R002-2-B3	Chip	699	Discard	705-696
R002	R002-3	R002-3-B1	Chip	3364	Discard	3413-3281
R002	R002-3	R002-3-B1	Chip	3054	Discard	3070-3054
R002	R002-3	R002-3-B1	Chip	3020	Discard	3028-3017
R002	R002-3	R002-3-B1	Chip	2927	Discard	2928-2915
R002	R002-3	R002-3-B1	Chip	2869	Discard	2878-2863
R002	R002-3	R002-3-B1	Chip	2857	Discard	2860-2825
R002	R002-3	R002-3-B1	Chip	2857	Discard	2860-2825
R002	R002-3	R002-3-B1	Chip	2725	Discard	2737-2722
R002	R002-3	R002-3-B1	Chip	1729	Discard	1741-1723
R002	R002-3	R002-3-B1	Chip	1695	Discard	1704-1692
R002	R002-3	R002-3-B1	Chip	1600	Discard	1610-1600
R002	R002-3	R002-3-B1	Chip	1539	Discard	1543-1536
R002	R002-3	R002-3-B1	Chip	1496	Discard	1503-1493
R002	R002-3	R002-3-B1	Chip	1457	Discard	1463-1454
R002	R002-3	R002-3-B1	Chip	1380	Discard	1383-1374
R002	R002-3	R002-3-B1	Chip	1307	Discard	1316-1303
R002	R002-3	R002-3-B1	Chip	1270	Discard	1276-1266
R002	R002-3	R002-3-B1	Chip	1249	Discard	1255-1246
R002	R002-3	R002-3-B1	Chip	897	Discard	913-884
R002	R002-3	R002-3-B1	Chip	762	Discard	769-751
R002	R002-3	R002-3-B1	Chip	699	Discard	705-696

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R002	R002-3	R002-3-B2	Chip	2954	Discard	2960-2951
R002	R002-3	R002-3-B2	Chip	2918	Discard	2928-2915
R002	R002-3	R002-3-B2	Chip	2872	Discard	2878-2863
R002	R002-3	R002-3-B2	Chip	2853	Discard	2860-2825
R002	R002-3	R002-3-B2	Chip	2524	Residue	
R002	R002-3	R002-3-B2	Chip	1729	Discard	1741-1723
R002	R002-3	R002-3-B2	Chip	1536	Discard	1543-1536
R002	R002-3	R002-3-B2	Chip	1457	Discard	1463-1454
R002	R002-3	R002-3-B2	Chip	1402		
R002	R002-3	R002-3-B2	Chip	1374	Discard	1383-1374
R002	R002-3	R002-3-B2	Chip	908	Discard	913-884
R002	R002-3	R002-3-B2	Chip	879	Residue	
R002	R002-3	R002-3-B2	Chip	762	Discard	769-751
R002	R002-3	R002-3-B3	Chip	2954	Discard	2960-2951
R002	R002-3	R002-3-B3	Chip	2921	Discard	2928-2915
R002	R002-3	R002-3-B3	Chip	2869	Discard	2878-2863
R002	R002-3	R002-3-B3	Chip	2847	Discard	2860-2825
R002	R002-3	R002-3-B3	Chip	1732	Discard	1741-1723
R002	R002-3	R002-3-B3	Chip	1698	Discard	1704-1692
R002	R002-3	R002-3-B3	Chip	1539	Discard	1543-1536
R002	R002-3	R002-3-B3	Chip	1463	Discard	1463-1454
R002	R002-3	R002-3-B3	Chip	1380	Discard	1383-1374
R002	R002-3	R002-3-B3	Chip	911	Discard	913-884
R002	R002-3	R002-3-B3	Chip	768	Discard	769-751
R002	R002-BODY	R002-BODY-B1	Body	3524	Discard	3544-3517
R002	R002-BODY	R002-BODY-B1	Body	3060	Discard	3070-3054
R002	R002-BODY	R002-BODY-B1	Body	3017	Discard	3028-3017
R002	R002-BODY	R002-BODY-B1	Body	2954	Discard	2960-2951
R002	R002-BODY	R002-BODY-B1	Body	2924	Discard	2928-2915
R002	R002-BODY	R002-BODY-B1	Body	2869	Discard	2878-2863
R002	R002-BODY	R002-BODY-B1	Body	2857	Discard	2860-2825
R002	R002-BODY	R002-BODY-B1	Body	2725	Discard	2737-2722
R002	R002-BODY	R002-BODY-B1	Body	1729	Discard	1741-1723
R002	R002-BODY	R002-BODY-B1	Body	1698	Discard	1704-1692
R002	R002-BODY	R002-BODY-B1	Body	1603	Discard	1610-1600
R002	R002-BODY	R002-BODY-B1	Body	1536	Discard	1543-1536
R002	R002-BODY	R002-BODY-B1	Body	1493	Discard	1503-1493
R002	R002-BODY	R002-BODY-B1	Body	1454	Discard	1463-1454
R002	R002-BODY	R002-BODY-B1	Body	1377	Discard	1383-1374
R002	R002-BODY	R002-BODY-B1	Body	1307	Discard	1316-1303
R002	R002-BODY	R002-BODY-B1	Body	1273	Discard	1276-1266
R002	R002-BODY	R002-BODY-B1	Body	1249	Discard	1255-1246

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R002	R002-BODY	R002-BODY-B1	Body	891	Discard	913-884
R002	R002-BODY	R002-BODY-B1	Body	757	Discard	769-751
R002	R002-BODY	R002-BODY-B1	Body	699	Discard	705-696
R002	R002-BODY	R002-BODY-B2	Body	2954	Discard	2960-2951
R002	R002-BODY	R002-BODY-B2	Body	2924	Discard	2928-2915
R002	R002-BODY	R002-BODY-B2	Body	2872	Discard	2878-2863
R002	R002-BODY	R002-BODY-B2	Body	2853	Discard	2860-2825
R002	R002-BODY	R002-BODY-B2	Body	1539	Discard	1543-1536
R002	R002-BODY	R002-BODY-B2	Body	1457	Discard	1463-1454
R002	R002-BODY	R002-BODY-B2	Body	1377	Discard	1383-1374
R002	R002-BODY	R002-BODY-B2	Body	906	Discard	913-884
R002	R002-BODY	R002-BODY-B2	Body	768	Discard	769-751
R002	R002-BODY	R002-BODY-B3	Body	3060	Discard	3070-3054
R002	R002-BODY	R002-BODY-B3	Body	3017	Discard	3028-3017
R002	R002-BODY	R002-BODY-B3	Body	2954	Discard	2960-2951
R002	R002-BODY	R002-BODY-B3	Body	2921	Discard	2928-2915
R002	R002-BODY	R002-BODY-B3	Body	2872	Discard	2878-2863
R002	R002-BODY	R002-BODY-B3	Body	2847	Discard	2860-2825
R002	R002-BODY	R002-BODY-B3	Body	1729	Discard	1741-1723
R002	R002-BODY	R002-BODY-B3	Body	1701	Discard	1704-1692
R002	R002-BODY	R002-BODY-B3	Body	1603	Discard	1610-1600
R002	R002-BODY	R002-BODY-B3	Body	1539	Discard	1543-1536
R002	R002-BODY	R002-BODY-B3	Body	1457	Discard	1463-1454
R002	R002-BODY	R002-BODY-B3	Body	1377	Discard	1383-1374
R002	R002-BODY	R002-BODY-B3	Body	906	Discard	913-884
R002	R002-BODY	R002-BODY-B3	Body	762	Discard	769-751
R003	R003-1	R003-1-B1	Chip	2954	Discard	2960-2951
R003	R003-1	R003-1-B1	Chip	2924	Discard	2928-2915
R003	R003-1	R003-1-B1	Chip	2869	Discard	2878-2863
R003	R003-1	R003-1-B1	Chip	2853	Discard	2860-2825
R003	R003-1	R003-1-B1	Chip	1729	Discard	1741-1723
R003	R003-1	R003-1-B1	Chip	1698	Discard	1704-1692
R003	R003-1	R003-1-B1	Chip	1542	Discard	1543-1536
R003	R003-1	R003-1-B1	Chip	1457	Discard	1463-1454
R003	R003-1	R003-1-B1	Chip	1377	Discard	1383-1374
R003	R003-1	R003-1-B1	Chip	900	Discard	913-884
R003	R003-1	R003-1-B1	Chip	766	Discard	769-751
R003	R003-1	R003-1-B2	Chip	3064	Discard	3070-3054
R003	R003-1	R003-1-B2	Chip	3022	Discard	3028-3017
R003	R003-1	R003-1-B2	Chip	2954	Discard	2960-2951
R003	R003-1	R003-1-B2	Chip	2924	Discard	2928-2915
R003	R003-1	R003-1-B2	Chip	2866	Discard	2878-2863

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R003	R003-1	R003-1-B2	Chip	2857	Discard	2860-2825
R003	R003-1	R003-1-B2	Chip	1729	Discard	1741-1723
R003	R003-1	R003-1-B2	Chip	1695	Discard	1704-1692
R003	R003-1	R003-1-B2	Chip	1606	Discard	1610-1600
R003	R003-1	R003-1-B2	Chip	1536	Discard	1543-1536
R003	R003-1	R003-1-B2	Chip	1457	Discard	1463-1454
R003	R003-1	R003-1-B2	Chip	1377	Discard	1383-1374
R003	R003-1	R003-1-B2	Chip	1270	Discard	1276-1266
R003	R003-1	R003-1-B2	Chip	900	Discard	913-884
R003	R003-1	R003-1-B2	Chip	766	Discard	769-751
R003	R003-1	R003-1-B3	Chip	3394	Discard	3413-3281
R003	R003-1	R003-1-B3	Chip	3064	Discard	3070-3054
R003	R003-1	R003-1-B3	Chip	3025	Discard	3028-3017
R003	R003-1	R003-1-B3	Chip	2954	Discard	2960-2951
R003	R003-1	R003-1-B3	Chip	2954	Discard	2960-2951
R003	R003-1	R003-1-B3	Chip	2924	Discard	2928-2915
R003	R003-1	R003-1-B3	Chip	2869	Discard	2878-2863
R003	R003-1	R003-1-B3	Chip	2853	Discard	2860-2825
R003	R003-1	R003-1-B3	Chip	1732	Discard	1741-1723
R003	R003-1	R003-1-B3	Chip	1695	Discard	1704-1692
R003	R003-1	R003-1-B3	Chip	1600	Discard	1610-1600
R003	R003-1	R003-1-B3	Chip	1536	Discard	1543-1536
R003	R003-1	R003-1-B3	Chip	1515		
R003	R003-1	R003-1-B3	Chip	1493	Discard	1503-1493
R003	R003-1	R003-1-B3	Chip	1457	Discard	1463-1454
R003	R003-1	R003-1-B3	Chip	1377	Discard	1383-1374
R003	R003-1	R003-1-B3	Chip	1313	Discard	1316-1303
R003	R003-1	R003-1-B3	Chip	1273	Discard	1276-1266
R003	R003-1	R003-1-B3	Chip	1246	Discard	1255-1246
R003	R003-1	R003-1-B3	Chip	900	Discard	913-884
R003	R003-1	R003-1-B3	Chip	766	Discard	769-751
R003	R003-1	R003-1-B3	Chip	699	Discard	705-696
R003	R003-2	R003-2-B1	Chip	2954	Discard	2960-2951
R003	R003-2	R003-2-B1	Chip	2924	Discard	2928-2915
R003	R003-2	R003-2-B1	Chip	2869	Discard	2878-2863
R003	R003-2	R003-2-B1	Chip	2866	Discard	2878-2863
R003	R003-2	R003-2-B1	Chip	1732	Discard	1741-1723
R003	R003-2	R003-2-B1	Chip	1695	Discard	1704-1692
R003	R003-2	R003-2-B1	Chip	1600	Discard	1610-1600
R003	R003-2	R003-2-B1	Chip	1542	Discard	1543-1536
R003	R003-2	R003-2-B1	Chip	1496	Discard	1503-1493
R003	R003-2	R003-2-B1	Chip	1457	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R003	R003-2	R003-2-B1	Chip	1380	Discard	1383-1374
R003	R003-2	R003-2-B1	Chip	1310	Discard	1316-1303
R003	R003-2	R003-2-B1	Chip	1273	Discard	1276-1266
R003	R003-2	R003-2-B1	Chip	900	Discard	913-884
R003	R003-2	R003-2-B1	Chip	763	Discard	769-751
R003	R003-2	R003-2-B1	Chip	699	Discard	705-696
R003	R003-2	R003-2-B2	Chip	2960	Discard	2960-2951
R003	R003-2	R003-2-B2	Chip	2924	Discard	2928-2915
R003	R003-2	R003-2-B2	Chip	2872	Discard	2878-2863
R003	R003-2	R003-2-B2	Chip	2857	Discard	2860-2825
R003	R003-2	R003-2-B2	Chip	1460	Discard	1463-1454
R003	R003-2	R003-2-B2	Chip	907	Discard	913-884
R003	R003-2	R003-2-B2	Chip	772		
R003	R003-2	R003-2-B3	Chip	3517	Discard	3544-3517
R003	R003-2	R003-2-B3	Chip	3370	Discard	3413-3281
R003	R003-2	R003-2-B3	Chip	3061	Discard	3070-3054
R003	R003-2	R003-2-B3	Chip	3022	Discard	3028-3017
R003	R003-2	R003-2-B3	Chip	2954	Discard	2960-2951
R003	R003-2	R003-2-B3	Chip	2921	Discard	2928-2915
R003	R003-2	R003-2-B3	Chip	2869	Discard	2878-2863
R003	R003-2	R003-2-B3	Chip	2850	Discard	2860-2825
R003	R003-2	R003-2-B3	Chip	2725	Discard	2737-2722
R003	R003-2	R003-2-B3	Chip	1732	Discard	1741-1723
R003	R003-2	R003-2-B3	Chip	1698	Discard	1704-1692
R003	R003-2	R003-2-B3	Chip	1600	Discard	1610-1600
R003	R003-2	R003-2-B3	Chip	1539	Discard	1543-1536
R003	R003-2	R003-2-B3	Chip	1515		
R003	R003-2	R003-2-B3	Chip	1496	Discard	1503-1493
R003	R003-2	R003-2-B3	Chip	1457	Discard	1463-1454
R003	R003-2	R003-2-B3	Chip	1377	Discard	1383-1374
R003	R003-2	R003-2-B3	Chip	1310	Discard	1316-1303
R003	R003-2	R003-2-B3	Chip	1273	Discard	1276-1266
R003	R003-2	R003-2-B3	Chip	1249	Discard	1255-1246
R003	R003-2	R003-2-B3	Chip	897	Discard	913-884
R003	R003-2	R003-2-B3	Chip	760	Discard	769-751
R003	R003-2	R003-2-B3	Chip	702	Discard	705-696
R003	R003-3	R003-3-B1	Chip	2957	Discard	2960-2951
R003	R003-3	R003-3-B1	Chip	2927	Discard	2928-2915
R003	R003-3	R003-3-B1	Chip	2866	Discard	2878-2863
R003	R003-3	R003-3-B1	Chip	2853	Discard	2860-2825
R003	R003-3	R003-3-B1	Chip	1726	Discard	1741-1723
R003	R003-3	R003-3-B1	Chip	1698	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R003	R003-3	R003-3-B1	Chip	1457	Discard	1463-1454
R003	R003-3	R003-3-B1	Chip	1377	Discard	1383-1374
R003	R003-3	R003-3-B1	Chip	910	Discard	913-884
R003	R003-3	R003-3-B1	Chip	766	Discard	769-751
R003	R003-3	R003-3-B2	Chip	3367	Discard	3413-3281
R003	R003-3	R003-3-B2	Chip	2957	Discard	2960-2951
R003	R003-3	R003-3-B2	Chip	2924	Discard	2928-2915
R003	R003-3	R003-3-B2	Chip	2872	Discard	2878-2863
R003	R003-3	R003-3-B2	Chip	2872	Discard	2878-2863
R003	R003-3	R003-3-B2	Chip	2853	Discard	2860-2825
R003	R003-3	R003-3-B2	Chip	1726	Discard	1741-1723
R003	R003-3	R003-3-B2	Chip	1698	Discard	1704-1692
R003	R003-3	R003-3-B2	Chip	1606	Discard	1610-1600
R003	R003-3	R003-3-B2	Chip	1539	Discard	1543-1536
R003	R003-3	R003-3-B2	Chip	1496	Discard	1503-1493
R003	R003-3	R003-3-B2	Chip	1460	Discard	1463-1454
R003	R003-3	R003-3-B2	Chip	1377	Discard	1383-1374
R003	R003-3	R003-3-B2	Chip	1267	Discard	1276-1266
R003	R003-3	R003-3-B2	Chip	904	Discard	913-884
R003	R003-3	R003-3-B2	Chip	766	Discard	769-751
R003	R003-3	R003-3-B3	Chip	2954	Discard	2960-2951
R003	R003-3	R003-3-B3	Chip	2927	Discard	2928-2915
R003	R003-3	R003-3-B3	Chip	2872	Discard	2878-2863
R003	R003-3	R003-3-B3	Chip	2857	Discard	2860-2825
R003	R003-3	R003-3-B3	Chip	1729	Discard	1741-1723
R003	R003-3	R003-3-B3	Chip	1698	Discard	1704-1692
R003	R003-3	R003-3-B3	Chip	1539	Discard	1543-1536
R003	R003-3	R003-3-B3	Chip	1457	Discard	1463-1454
R003	R003-3	R003-3-B3	Chip	1371		
R003	R003-3	R003-3-B3	Chip	907	Discard	913-884
R003	R003-3	R003-3-B3	Chip	763	Discard	769-751
R003	R003-BODY	R003-BODY-B1	Body	3526	Discard	3544-3517
R003	R003-BODY	R003-BODY-B1	Body	3061	Discard	3070-3054
R003	R003-BODY	R003-BODY-B1	Body	3019	Discard	3028-3017
R003	R003-BODY	R003-BODY-B1	Body	2954	Discard	2960-2951
R003	R003-BODY	R003-BODY-B1	Body	2921	Discard	2928-2915
R003	R003-BODY	R003-BODY-B1	Body	2853	Discard	2860-2825
R003	R003-BODY	R003-BODY-B1	Body	2725	Discard	2737-2722
R003	R003-BODY	R003-BODY-B1	Body	2358		
R003	R003-BODY	R003-BODY-B1	Body	2337		
R003	R003-BODY	R003-BODY-B1	Body	1729	Discard	1741-1723
R003	R003-BODY	R003-BODY-B1	Body	1701	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R003	R003-BODY	R003-BODY-B1	Body	1603	Discard	1610-1600
R003	R003-BODY	R003-BODY-B1	Body	1539	Discard	1543-1536
R003	R003-BODY	R003-BODY-B1	Body	1515		
R003	R003-BODY	R003-BODY-B1	Body	1493	Discard	1503-1493
R003	R003-BODY	R003-BODY-B1	Body	1457	Discard	1463-1454
R003	R003-BODY	R003-BODY-B1	Body	1377	Discard	1383-1374
R003	R003-BODY	R003-BODY-B1	Body	1307	Discard	1316-1303
R003	R003-BODY	R003-BODY-B1	Body	1270	Discard	1276-1266
R003	R003-BODY	R003-BODY-B1	Body	907	Discard	913-884
R003	R003-BODY	R003-BODY-B1	Body	772		
R003	R003-BODY	R003-BODY-B1	Body	754	Discard	769-751
R003	R003-BODY	R003-BODY-B1	Body	699	Discard	705-696
R003	R003-BODY	R003-BODY-B2	Body	3373	Discard	3413-3281
R003	R003-BODY	R003-BODY-B2	Body	3083		
R003	R003-BODY	R003-BODY-B2	Body	3064	Discard	3070-3054
R003	R003-BODY	R003-BODY-B2	Body	3022	Discard	3028-3017
R003	R003-BODY	R003-BODY-B2	Body	2954	Discard	2960-2951
R003	R003-BODY	R003-BODY-B2	Body	2921	Discard	2928-2915
R003	R003-BODY	R003-BODY-B2	Body	2869	Discard	2878-2863
R003	R003-BODY	R003-BODY-B2	Body	2853	Discard	2860-2825
R003	R003-BODY	R003-BODY-B2	Body	2725	Discard	2737-2722
R003	R003-BODY	R003-BODY-B2	Body	1735	Discard	1741-1723
R003	R003-BODY	R003-BODY-B2	Body	1701	Discard	1704-1692
R003	R003-BODY	R003-BODY-B2	Body	1600	Discard	1610-1600
R003	R003-BODY	R003-BODY-B2	Body	1539	Discard	1543-1536
R003	R003-BODY	R003-BODY-B2	Body	1515		
R003	R003-BODY	R003-BODY-B2	Body	1496	Discard	1503-1493
R003	R003-BODY	R003-BODY-B2	Body	1457	Discard	1463-1454
R003	R003-BODY	R003-BODY-B2	Body	1377	Discard	1383-1374
R003	R003-BODY	R003-BODY-B2	Body	1310	Discard	1316-1303
R003	R003-BODY	R003-BODY-B2	Body	1267	Discard	1276-1266
R003	R003-BODY	R003-BODY-B2	Body	1249	Discard	1255-1246
R003	R003-BODY	R003-BODY-B2	Body	1026		
R003	R003-BODY	R003-BODY-B2	Body	962		
R003	R003-BODY	R003-BODY-B2	Body	897	Discard	913-884
R003	R003-BODY	R003-BODY-B2	Body	775		
R003	R003-BODY	R003-BODY-B2	Body	754	Discard	769-751
R003	R003-BODY	R003-BODY-B2	Body	699	Discard	705-696
R003	R003-BODY	R003-BODY-B3	Body	3373	Discard	3413-3281
R003	R003-BODY	R003-BODY-B3	Body	3086		
R003	R003-BODY	R003-BODY-B3	Body	3064	Discard	3070-3054
R003	R003-BODY	R003-BODY-B3	Body	3025	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R003	R003-BODY	R003-BODY-B3	Body	2954	Discard	2960-2951
R003	R003-BODY	R003-BODY-B3	Body	2924	Discard	2928-2915
R003	R003-BODY	R003-BODY-B3	Body	2869	Discard	2878-2863
R003	R003-BODY	R003-BODY-B3	Body	2853	Discard	2860-2825
R003	R003-BODY	R003-BODY-B3	Body	2728	Discard	2737-2722
R003	R003-BODY	R003-BODY-B3	Body	1732	Discard	1741-1723
R003	R003-BODY	R003-BODY-B3	Body	1698	Discard	1704-1692
R003	R003-BODY	R003-BODY-B3	Body	1606	Discard	1610-1600
R003	R003-BODY	R003-BODY-B3	Body	1539	Discard	1543-1536
R003	R003-BODY	R003-BODY-B3	Body	1515		
R003	R003-BODY	R003-BODY-B3	Body	1493	Discard	1503-1493
R003	R003-BODY	R003-BODY-B3	Body	1457	Discard	1463-1454
R003	R003-BODY	R003-BODY-B3	Body	1377	Discard	1383-1374
R003	R003-BODY	R003-BODY-B3	Body	1307	Discard	1316-1303
R003	R003-BODY	R003-BODY-B3	Body	1276	Discard	1276-1266
R003	R003-BODY	R003-BODY-B3	Body	1252	Discard	1255-1246
R003	R003-BODY	R003-BODY-B3	Body	1252	Discard	1255-1246
R003	R003-BODY	R003-BODY-B3	Body	968		
R003	R003-BODY	R003-BODY-B3	Body	897	Discard	913-884
R003	R003-BODY	R003-BODY-B3	Body	754	Discard	769-751
R003	R003-BODY	R003-BODY-B3	Body	699	Discard	705-696
R024	R024-1	R024-1-B1	Chip	3535	Discard	3544-3517
R024	R024-1	R024-1-B1	Chip	3382	Discard	3413-3281
R024	R024-1	R024-1-B1	Chip	3028	Discard	3028-3017
R024	R024-1	R024-1-B1	Chip	2954	Discard	2960-2951
R024	R024-1	R024-1-B1	Chip	2924	Discard	2928-2915
R024	R024-1	R024-1-B1	Chip	2869	Discard	2878-2863
R024	R024-1	R024-1-B1	Chip	2853	Discard	2860-2825
R024	R024-1	R024-1-B1	Chip	2358		
R024	R024-1	R024-1-B1	Chip	1729	Discard	1741-1723
R024	R024-1	R024-1-B1	Chip	1698	Discard	1704-1692
R024	R024-1	R024-1-B1	Chip	1606	Discard	1610-1600
R024	R024-1	R024-1-B1	Chip	1542	Discard	1543-1536
R024	R024-1	R024-1-B1	Chip	1496	Discard	1503-1493
R024	R024-1	R024-1-B1	Chip	1457	Discard	1463-1454
R024	R024-1	R024-1-B1	Chip	1377	Discard	1383-1374
R024	R024-1	R024-1-B1	Chip	1310	Discard	1316-1303
R024	R024-1	R024-1-B1	Chip	1267	Discard	1276-1266
R024	R024-1	R024-1-B1	Chip	1266	Discard	1276-1266
R024	R024-1	R024-1-B1	Chip	897	Discard	913-884
R024	R024-1	R024-1-B1	Chip	702	Discard	705-696
R024	R024-1	R024-1-B2	Chip	3382	Discard	3413-3281

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R024	R024-1	R024-1-B2	Chip	3022	Discard	3028-3017
R024	R024-1	R024-1-B2	Chip	2954	Discard	2960-2951
R024	R024-1	R024-1-B2	Chip	2924	Discard	2928-2915
R024	R024-1	R024-1-B2	Chip	2869	Discard	2878-2863
R024	R024-1	R024-1-B2	Chip	2857	Discard	2860-2825
R024	R024-1	R024-1-B2	Chip	2361		
R024	R024-1	R024-1-B2	Chip	1726	Discard	1741-1723
R024	R024-1	R024-1-B2	Chip	1692	Discard	1704-1692
R024	R024-1	R024-1-B2	Chip	1600	Discard	1610-1600
R024	R024-1	R024-1-B2	Chip	1539	Discard	1543-1536
R024	R024-1	R024-1-B2	Chip	1493	Discard	1503-1493
R024	R024-1	R024-1-B2	Chip	1457	Discard	1463-1454
R024	R024-1	R024-1-B2	Chip	1374	Discard	1383-1374
R024	R024-1	R024-1-B2	Chip	1310	Discard	1316-1303
R024	R024-1	R024-1-B2	Chip	1270	Discard	1276-1266
R024	R024-1	R024-1-B2	Chip	1252	Discard	1255-1246
R024	R024-1	R024-1-B2	Chip	900	Discard	913-884
R024	R024-1	R024-1-B2	Chip	763	Discard	769-751
R024	R024-1	R024-1-B2	Chip	702	Discard	705-696
R024	R024-1	R024-1-B3	Chip	3385	Discard	3413-3281
R024	R024-1	R024-1-B3	Chip	2957	Discard	2960-2951
R024	R024-1	R024-1-B3	Chip	2927	Discard	2928-2915
R024	R024-1	R024-1-B3	Chip	2872	Discard	2878-2863
R024	R024-1	R024-1-B3	Chip	2853	Discard	2860-2825
R024	R024-1	R024-1-B3	Chip	1542	Discard	1543-1536
R024	R024-1	R024-1-B3	Chip	1457	Discard	1463-1454
R024	R024-1	R024-1-B3	Chip	910	Discard	913-884
R024	R024-1	R024-1-B3	Chip	772		
R024	R024-BODY	R024-BODY-B1	Body	3529	Discard	3544-3517
R024	R024-BODY	R024-BODY-B1	Body	3355	Discard	3413-3281
R024	R024-BODY	R024-BODY-B1	Body	3061	Discard	3070-3054
R024	R024-BODY	R024-BODY-B1	Body	3022	Discard	3028-3017
R024	R024-BODY	R024-BODY-B1	Body	2954	Discard	2960-2951
R024	R024-BODY	R024-BODY-B1	Body	2924	Discard	2928-2915
R024	R024-BODY	R024-BODY-B1	Body	2869	Discard	2878-2863
R024	R024-BODY	R024-BODY-B1	Body	2853	Discard	2860-2825
R024	R024-BODY	R024-BODY-B1	Body	2731	Discard	2737-2722
R024	R024-BODY	R024-BODY-B1	Body	1726	Discard	1741-1723
R024	R024-BODY	R024-BODY-B1	Body	1701	Discard	1704-1692
R024	R024-BODY	R024-BODY-B1	Body	1603	Discard	1610-1600
R024	R024-BODY	R024-BODY-B1	Body	1539	Discard	1543-1536
R024	R024-BODY	R024-BODY-B1	Body	1515		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R024	R024-BODY	R024-BODY-B1	Body	1496	Discard	1503-1493
R024	R024-BODY	R024-BODY-B1	Body	1457	Discard	1463-1454
R024	R024-BODY	R024-BODY-B1	Body	1377	Discard	1383-1374
R024	R024-BODY	R024-BODY-B1	Body	1307	Discard	1316-1303
R024	R024-BODY	R024-BODY-B1	Body	1273	Discard	1276-1266
R024	R024-BODY	R024-BODY-B1	Body	1252	Discard	1255-1246
R024	R024-BODY	R024-BODY-B1	Body	1029		
R024	R024-BODY	R024-BODY-B1	Body	968		
R024	R024-BODY	R024-BODY-B1	Body	884	Discard	913-884
R024	R024-BODY	R024-BODY-B1	Body	797		
R024	R024-BODY	R024-BODY-B1	Body	775		
R024	R024-BODY	R024-BODY-B1	Body	748		
R024	R024-BODY	R024-BODY-B1	Body	699	Discard	705-696
R024	R024-BODY	R024-BODY-B1	Body	583		
R024	R024-BODY	R024-BODY-B2	Body	3526	Discard	3544-3517
R024	R024-BODY	R024-BODY-B2	Body	3373	Discard	3413-3281
R024	R024-BODY	R024-BODY-B2	Body	3064	Discard	3070-3054
R024	R024-BODY	R024-BODY-B2	Body	3025	Discard	3028-3017
R024	R024-BODY	R024-BODY-B2	Body	2957	Discard	2960-2951
R024	R024-BODY	R024-BODY-B2	Body	2921	Discard	2928-2915
R024	R024-BODY	R024-BODY-B2	Body	2869	Discard	2878-2863
R024	R024-BODY	R024-BODY-B2	Body	2857	Discard	2860-2825
R024	R024-BODY	R024-BODY-B2	Body	2728	Discard	2737-2722
R024	R024-BODY	R024-BODY-B2	Body	1723	Discard	1741-1723
R024	R024-BODY	R024-BODY-B2	Body	1695	Discard	1704-1692
R024	R024-BODY	R024-BODY-B2	Body	1606	Discard	1610-1600
R024	R024-BODY	R024-BODY-B2	Body	1539	Discard	1543-1536
R024	R024-BODY	R024-BODY-B2	Body	1515		
R024	R024-BODY	R024-BODY-B2	Body	1493	Discard	1503-1493
R024	R024-BODY	R024-BODY-B2	Body	1457	Discard	1463-1454
R024	R024-BODY	R024-BODY-B2	Body	1377	Discard	1383-1374
R024	R024-BODY	R024-BODY-B2	Body	1307	Discard	1316-1303
R024	R024-BODY	R024-BODY-B2	Body	1267	Discard	1276-1266
R024	R024-BODY	R024-BODY-B2	Body	1252	Discard	1255-1246
R024	R024-BODY	R024-BODY-B2	Body	1023		
R024	R024-BODY	R024-BODY-B2	Body	968		
R024	R024-BODY	R024-BODY-B2	Body	887	Discard	913-884
R024	R024-BODY	R024-BODY-B2	Body	775		
R024	R024-BODY	R024-BODY-B2	Body	757	Discard	769-751
R024	R024-BODY	R024-BODY-B2	Body	699	Discard	705-696
R024	R024-BODY	R024-BODY-B2	Body	580		
R024	R024-BODY	R024-BODY-B3	Body	3336	Discard	3413-3281

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R024	R024-BODY	R024-BODY-B3	Body	3070	Discard	3070-3054
R024	R024-BODY	R024-BODY-B3	Body	3025	Discard	3028-3017
R024	R024-BODY	R024-BODY-B3	Body	2954	Discard	2960-2951
R024	R024-BODY	R024-BODY-B3	Body	2921	Discard	2928-2915
R024	R024-BODY	R024-BODY-B3	Body	2872	Discard	2878-2863
R024	R024-BODY	R024-BODY-B3	Body	2857	Discard	2860-2825
R024	R024-BODY	R024-BODY-B3	Body	2737	Discard	2737-2722
R024	R024-BODY	R024-BODY-B3	Body	1726	Discard	1741-1723
R024	R024-BODY	R024-BODY-B3	Body	1698	Discard	1704-1692
R024	R024-BODY	R024-BODY-B3	Body	1606	Discard	1610-1600
R024	R024-BODY	R024-BODY-B3	Body	1606	Discard	1610-1600
R024	R024-BODY	R024-BODY-B3	Body	1539	Discard	1543-1536
R024	R024-BODY	R024-BODY-B3	Body	1539	Discard	1543-1536
R024	R024-BODY	R024-BODY-B3	Body	1496	Discard	1503-1493
R024	R024-BODY	R024-BODY-B3	Body	1454	Discard	1463-1454
R024	R024-BODY	R024-BODY-B3	Body	1380	Discard	1383-1374
R024	R024-BODY	R024-BODY-B3	Body	1310	Discard	1316-1303
R024	R024-BODY	R024-BODY-B3	Body	1270	Discard	1276-1266
R024	R024-BODY	R024-BODY-B3	Body	1249	Discard	1255-1246
R024	R024-BODY	R024-BODY-B3	Body	897	Discard	913-884
R024	R024-BODY	R024-BODY-B3	Body	766	Discard	769-751
R024	R024-BODY	R024-BODY-B3	Body	699	Discard	705-696
R025	R025-1	R025-1-B1	Chip	3523	Discard	3544-3517
R025	R025-1	R025-1-B1	Chip	3327	Discard	3413-3281
R025	R025-1	R025-1-B1	Chip	3064	Discard	3070-3054
R025	R025-1	R025-1-B1	Chip	3025	Discard	3028-3017
R025	R025-1	R025-1-B1	Chip	2954	Discard	2960-2951
R025	R025-1	R025-1-B1	Chip	2921	Discard	2928-2915
R025	R025-1	R025-1-B1	Chip	2869	Discard	2878-2863
R025	R025-1	R025-1-B1	Chip	2853	Discard	2860-2825
R025	R025-1	R025-1-B1	Chip	2728	Discard	2737-2722
R025	R025-1	R025-1-B1	Chip	2368		
R025	R025-1	R025-1-B1	Chip	2325		
R025	R025-1	R025-1-B1	Chip	2166		
R025	R025-1	R025-1-B1	Chip	1726	Discard	1741-1723
R025	R025-1	R025-1-B1	Chip	1698	Discard	1704-1692
R025	R025-1	R025-1-B1	Chip	1603	Discard	1610-1600
R025	R025-1	R025-1-B1	Chip	1539	Discard	1543-1536
R025	R025-1	R025-1-B1	Chip	1515		
R025	R025-1	R025-1-B1	Chip	1493	Discard	1503-1493
R025	R025-1	R025-1-B1	Chip	1460	Discard	1463-1454
R025	R025-1	R025-1-B1	Chip	1374	Discard	1383-1374

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R025	R025-1	R025-1-B1	Chip	1307	Discard	1316-1303
R025	R025-1	R025-1-B1	Chip	1270	Discard	1276-1266
R025	R025-1	R025-1-B1	Chip	1249	Discard	1255-1246
R025	R025-1	R025-1-B1	Chip	1020		
R025	R025-1	R025-1-B1	Chip	968		
R025	R025-1	R025-1-B1	Chip	885	Discard	913-884
R025	R025-1	R025-1-B1	Chip	751	Discard	769-751
R025	R025-1	R025-1-B1	Chip	699	Discard	705-696
R025	R025-1	R025-1-B2	Chip	3022	Discard	3028-3017
R025	R025-1	R025-1-B2	Chip	2954	Discard	2960-2951
R025	R025-1	R025-1-B2	Chip	2924	Discard	2928-2915
R025	R025-1	R025-1-B2	Chip	2869	Discard	2878-2863
R025	R025-1	R025-1-B2	Chip	2857	Discard	2860-2825
R025	R025-1	R025-1-B2	Chip	1726	Discard	1741-1723
R025	R025-1	R025-1-B2	Chip	1695	Discard	1704-1692
R025	R025-1	R025-1-B2	Chip	1603	Discard	1610-1600
R025	R025-1	R025-1-B2	Chip	1539	Discard	1543-1536
R025	R025-1	R025-1-B2	Chip	1496	Discard	1503-1493
R025	R025-1	R025-1-B2	Chip	1460	Discard	1463-1454
R025	R025-1	R025-1-B2	Chip	1377	Discard	1383-1374
R025	R025-1	R025-1-B2	Chip	907	Discard	913-884
R025	R025-1	R025-1-B2	Chip	769	Discard	769-751
R025	R025-1	R025-1-B2	Chip	702	Discard	705-696
R025	R025-1	R025-1-B3	Chip	3022	Discard	3028-3017
R025	R025-1	R025-1-B3	Chip	2957	Discard	2960-2951
R025	R025-1	R025-1-B3	Chip	2924	Discard	2928-2915
R025	R025-1	R025-1-B3	Chip	2869	Discard	2878-2863
R025	R025-1	R025-1-B3	Chip	2853	Discard	2860-2825
R025	R025-1	R025-1-B3	Chip	1729	Discard	1741-1723
R025	R025-1	R025-1-B3	Chip	1698	Discard	1704-1692
R025	R025-1	R025-1-B3	Chip	1606	Discard	1610-1600
R025	R025-1	R025-1-B3	Chip	1539	Discard	1543-1536
R025	R025-1	R025-1-B3	Chip	1539	Discard	1543-1536
R025	R025-1	R025-1-B3	Chip	1496	Discard	1503-1493
R025	R025-1	R025-1-B3	Chip	1496	Discard	1503-1493
R025	R025-1	R025-1-B3	Chip	1460	Discard	1463-1454
R025	R025-1	R025-1-B3	Chip	1377	Discard	1383-1374
R025	R025-1	R025-1-B3	Chip	1307	Discard	1316-1303
R025	R025-1	R025-1-B3	Chip	1267	Discard	1276-1266
R025	R025-1	R025-1-B3	Chip	1246	Discard	1255-1246
R025	R025-1	R025-1-B3	Chip	904	Discard	913-884
R025	R025-1	R025-1-B3	Chip	766	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R025	R025-1	R025-1-B3	Chip	702	Discard	705-696
R025	R025-BODY	R025-BODY-B1	Body	3055	Discard	3070-3054
R025	R025-BODY	R025-BODY-B1	Body	3022	Discard	3028-3017
R025	R025-BODY	R025-BODY-B1	Body	2954	Discard	2960-2951
R025	R025-BODY	R025-BODY-B1	Body	2924	Discard	2928-2915
R025	R025-BODY	R025-BODY-B1	Body	2866	Discard	2878-2863
R025	R025-BODY	R025-BODY-B1	Body	2853	Discard	2860-2825
R025	R025-BODY	R025-BODY-B1	Body	2728	Discard	2737-2722
R025	R025-BODY	R025-BODY-B1	Body	2358		
R025	R025-BODY	R025-BODY-B1	Body	1726	Discard	1741-1723
R025	R025-BODY	R025-BODY-B1	Body	1701	Discard	1704-1692
R025	R025-BODY	R025-BODY-B1	Body	1603	Discard	1610-1600
R025	R025-BODY	R025-BODY-B1	Body	1539	Discard	1543-1536
R025	R025-BODY	R025-BODY-B1	Body	1496	Discard	1503-1493
R025	R025-BODY	R025-BODY-B1	Body	1457	Discard	1463-1454
R025	R025-BODY	R025-BODY-B1	Body	1377	Discard	1383-1374
R025	R025-BODY	R025-BODY-B1	Body	1307	Discard	1316-1303
R025	R025-BODY	R025-BODY-B1	Body	1270	Discard	1276-1266
R025	R025-BODY	R025-BODY-B1	Body	1252	Discard	1255-1246
R025	R025-BODY	R025-BODY-B1	Body	897	Discard	913-884
R025	R025-BODY	R025-BODY-B1	Body	766	Discard	769-751
R025	R025-BODY	R025-BODY-B1	Body	699	Discard	705-696
R025	R025-BODY	R025-BODY-B2	Body	3532	Discard	3544-3517
R025	R025-BODY	R025-BODY-B2	Body	3043		
R025	R025-BODY	R025-BODY-B2	Body	3025	Discard	3028-3017
R025	R025-BODY	R025-BODY-B2	Body	2954	Discard	2960-2951
R025	R025-BODY	R025-BODY-B2	Body	2921	Discard	2928-2915
R025	R025-BODY	R025-BODY-B2	Body	2869	Discard	2878-2863
R025	R025-BODY	R025-BODY-B2	Body	2857	Discard	2860-2825
R025	R025-BODY	R025-BODY-B2	Body	2725	Discard	2737-2722
R025	R025-BODY	R025-BODY-B2	Body	1726	Discard	1741-1723
R025	R025-BODY	R025-BODY-B2	Body	1698	Discard	1704-1692
R025	R025-BODY	R025-BODY-B2	Body	1603	Discard	1610-1600
R025	R025-BODY	R025-BODY-B2	Body	1539	Discard	1543-1536
R025	R025-BODY	R025-BODY-B2	Body	1493	Discard	1503-1493
R025	R025-BODY	R025-BODY-B2	Body	1460	Discard	1463-1454
R025	R025-BODY	R025-BODY-B2	Body	1380	Discard	1383-1374
R025	R025-BODY	R025-BODY-B2	Body	1310	Discard	1316-1303
R025	R025-BODY	R025-BODY-B2	Body	1273	Discard	1276-1266
R025	R025-BODY	R025-BODY-B2	Body	1246	Discard	1255-1246
R025	R025-BODY	R025-BODY-B2	Body	897	Discard	913-884
R025	R025-BODY	R025-BODY-B2	Body	766	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R025	R025-BODY	R025-BODY-B2	Body	699	Discard	705-696
R025	R025-BODY	R025-BODY-B3	Body	3385	Discard	3413-3281
R025	R025-BODY	R025-BODY-B3	Body	3043		
R025	R025-BODY	R025-BODY-B3	Body	3025	Discard	3028-3017
R025	R025-BODY	R025-BODY-B3	Body	2954	Discard	2960-2951
R025	R025-BODY	R025-BODY-B3	Body	2921	Discard	2928-2915
R025	R025-BODY	R025-BODY-B3	Body	2866	Discard	2878-2863
R025	R025-BODY	R025-BODY-B3	Body	2857	Discard	2860-2825
R025	R025-BODY	R025-BODY-B3	Body	2728	Discard	2737-2722
R025	R025-BODY	R025-BODY-B3	Body	2361		
R025	R025-BODY	R025-BODY-B3	Body	1726	Discard	1741-1723
R025	R025-BODY	R025-BODY-B3	Body	1698	Discard	1704-1692
R025	R025-BODY	R025-BODY-B3	Body	1603	Discard	1610-1600
R025	R025-BODY	R025-BODY-B3	Body	1536	Discard	1543-1536
R025	R025-BODY	R025-BODY-B3	Body	1496	Discard	1503-1493
R025	R025-BODY	R025-BODY-B3	Body	1454	Discard	1463-1454
R025	R025-BODY	R025-BODY-B3	Body	1380	Discard	1383-1374
R025	R025-BODY	R025-BODY-B3	Body	1310	Discard	1316-1303
R025	R025-BODY	R025-BODY-B3	Body	1270	Discard	1276-1266
R025	R025-BODY	R025-BODY-B3	Body	1249	Discard	1255-1246
R025	R025-BODY	R025-BODY-B3	Body	1010		
R025	R025-BODY	R025-BODY-B3	Body	971		
R025	R025-BODY	R025-BODY-B3	Body	900	Discard	913-884
R025	R025-BODY	R025-BODY-B3	Body	775		
R025	R025-BODY	R025-BODY-B3	Body	760	Discard	769-751
R025	R025-BODY	R025-BODY-B3	Body	699	Discard	705-696
R027	R027-1	R027-1-B1	Chip	3061	Discard	3070-3054
R027	R027-1	R027-1-B1	Chip	3019	Discard	3028-3017
R027	R027-1	R027-1-B1	Chip	2954	Discard	2960-2951
R027	R027-1	R027-1-B1	Chip	2924	Discard	2928-2915
R027	R027-1	R027-1-B1	Chip	2869	Discard	2878-2863
R027	R027-1	R027-1-B1	Chip	2857	Discard	2860-2825
R027	R027-1	R027-1-B1	Chip	2728	Discard	2737-2722
R027	R027-1	R027-1-B1	Chip	1732	Discard	1741-1723
R027	R027-1	R027-1-B1	Chip	1695	Discard	1704-1692
R027	R027-1	R027-1-B1	Chip	1606	Discard	1610-1600
R027	R027-1	R027-1-B1	Chip	1536	Discard	1543-1536
R027	R027-1	R027-1-B1	Chip	1515		
R027	R027-1	R027-1-B1	Chip	1496	Discard	1503-1493
R027	R027-1	R027-1-B1	Chip	1460	Discard	1463-1454
R027	R027-1	R027-1-B1	Chip	1380	Discard	1383-1374
R027	R027-1	R027-1-B1	Chip	1307	Discard	1316-1303

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R027	R027-1	R027-1-B1	Chip	1273	Discard	1276-1266
R027	R027-1	R027-1-B1	Chip	1252	Discard	1255-1246
R027	R027-1	R027-1-B1	Chip	968		
R027	R027-1	R027-1-B1	Chip	885	Discard	913-884
R027	R027-1	R027-1-B1	Chip	754	Discard	769-751
R027	R027-1	R027-1-B1	Chip	699	Discard	705-696
R027	R027-1	R027-1-B2	Chip	2957	Discard	2960-2951
R027	R027-1	R027-1-B2	Chip	2924	Discard	2928-2915
R027	R027-1	R027-1-B2	Chip	2872	Discard	2878-2863
R027	R027-1	R027-1-B2	Chip	2853	Discard	2860-2825
R027	R027-1	R027-1-B2	Chip	1536	Discard	1543-1536
R027	R027-1	R027-1-B2	Chip	1457	Discard	1463-1454
R027	R027-1	R027-1-B2	Chip	907	Discard	913-884
R027	R027-1	R027-1-B2	Chip	766	Discard	769-751
R027	R027-1	R027-1-B3	Chip	2957	Discard	2960-2951
R027	R027-1	R027-1-B3	Chip	2921	Discard	2928-2915
R027	R027-1	R027-1-B3	Chip	2869	Discard	2878-2863
R027	R027-1	R027-1-B3	Chip	2860	Discard	2860-2825
R027	R027-1	R027-1-B3	Chip	1539	Discard	1543-1536
R027	R027-1	R027-1-B3	Chip	1457	Discard	1463-1454
R027	R027-1	R027-1-B3	Chip	1374	Discard	1383-1374
R027	R027-1	R027-1-B3	Chip	910	Discard	913-884
R027	R027-1	R027-1-B3	Chip	766	Discard	769-751
R027	R027-2	R027-2-B1	Chip	3373	Discard	3413-3281
R027	R027-2	R027-2-B1	Chip	3067	Discard	3070-3054
R027	R027-2	R027-2-B1	Chip	3022	Discard	3028-3017
R027	R027-2	R027-2-B1	Chip	2954	Discard	2960-2951
R027	R027-2	R027-2-B1	Chip	2921	Discard	2928-2915
R027	R027-2	R027-2-B1	Chip	2869	Discard	2878-2863
R027	R027-2	R027-2-B1	Chip	2857	Discard	2860-2825
R027	R027-2	R027-2-B1	Chip	2731	Discard	2737-2722
R027	R027-2	R027-2-B1	Chip	1729	Discard	1741-1723
R027	R027-2	R027-2-B1	Chip	1695	Discard	1704-1692
R027	R027-2	R027-2-B1	Chip	1606	Discard	1610-1600
R027	R027-2	R027-2-B1	Chip	1539	Discard	1543-1536
R027	R027-2	R027-2-B1	Chip	1512		
R027	R027-2	R027-2-B1	Chip	1493	Discard	1503-1493
R027	R027-2	R027-2-B1	Chip	1457	Discard	1463-1454
R027	R027-2	R027-2-B1	Chip	1377	Discard	1383-1374
R027	R027-2	R027-2-B1	Chip	1307	Discard	1316-1303
R027	R027-2	R027-2-B1	Chip	1270	Discard	1276-1266
R027	R027-2	R027-2-B1	Chip	1252	Discard	1255-1246

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R027	R027-2	R027-2-B1	Chip	1014		
R027	R027-2	R027-2-B1	Chip	888	Discard	913-884
R027	R027-2	R027-2-B1	Chip	797		
R027	R027-2	R027-2-B1	Chip	775		
R027	R027-2	R027-2-B1	Chip	757	Discard	769-751
R027	R027-2	R027-2-B1	Chip	748		
R027	R027-2	R027-2-B1	Chip	699	Discard	705-696
R027	R027-2	R027-2-B1	Chip	558		
R027	R027-2	R027-2-B2	Chip	3385	Discard	3413-3281
R027	R027-2	R027-2-B2	Chip	3061	Discard	3070-3054
R027	R027-2	R027-2-B2	Chip	3022	Discard	3028-3017
R027	R027-2	R027-2-B2	Chip	2951	Discard	2960-2951
R027	R027-2	R027-2-B2	Chip	2924	Discard	2928-2915
R027	R027-2	R027-2-B2	Chip	2869	Discard	2878-2863
R027	R027-2	R027-2-B2	Chip	2853	Discard	2860-2825
R027	R027-2	R027-2-B2	Chip	1729	Discard	1741-1723
R027	R027-2	R027-2-B2	Chip	1701	Discard	1704-1692
R027	R027-2	R027-2-B2	Chip	1603	Discard	1610-1600
R027	R027-2	R027-2-B2	Chip	1539	Discard	1543-1536
R027	R027-2	R027-2-B2	Chip	1496	Discard	1503-1493
R027	R027-2	R027-2-B2	Chip	1460	Discard	1463-1454
R027	R027-2	R027-2-B2	Chip	1380	Discard	1383-1374
R027	R027-2	R027-2-B2	Chip	1310	Discard	1316-1303
R027	R027-2	R027-2-B2	Chip	1273	Discard	1276-1266
R027	R027-2	R027-2-B2	Chip	1252	Discard	1255-1246
R027	R027-2	R027-2-B2	Chip	962		
R027	R027-2	R027-2-B2	Chip	894	Discard	913-884
R027	R027-2	R027-2-B2	Chip	775		
R027	R027-2	R027-2-B2	Chip	760	Discard	769-751
R027	R027-2	R027-2-B2	Chip	699	Discard	705-696
R027	R027-2	R027-2-B3	Chip	3061	Discard	3070-3054
R027	R027-2	R027-2-B3	Chip	3025	Discard	3028-3017
R027	R027-2	R027-2-B3	Chip	2957	Discard	2960-2951
R027	R027-2	R027-2-B3	Chip	2921	Discard	2928-2915
R027	R027-2	R027-2-B3	Chip	2872	Discard	2878-2863
R027	R027-2	R027-2-B3	Chip	2857	Discard	2860-2825
R027	R027-2	R027-2-B3	Chip	2728	Discard	2737-2722
R027	R027-2	R027-2-B3	Chip	1726	Discard	1741-1723
R027	R027-2	R027-2-B3	Chip	1701	Discard	1704-1692
R027	R027-2	R027-2-B3	Chip	1610	Discard	1610-1600
R027	R027-2	R027-2-B3	Chip	1539	Discard	1543-1536
R027	R027-2	R027-2-B3	Chip	1515		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R027	R027-2	R027-2-B3	Chip	1493	Discard	1503-1493
R027	R027-2	R027-2-B3	Chip	1460	Discard	1463-1454
R027	R027-2	R027-2-B3	Chip	1377	Discard	1383-1374
R027	R027-2	R027-2-B3	Chip	1310	Discard	1316-1303
R027	R027-2	R027-2-B3	Chip	1273	Discard	1276-1266
R027	R027-2	R027-2-B3	Chip	897	Discard	913-884
R027	R027-2	R027-2-B3	Chip	757	Discard	769-751
R027	R027-2	R027-2-B3	Chip	699	Discard	705-696
R027	R027-3	R027-3-B1	Chip	3367	Discard	3413-3281
R027	R027-3	R027-3-B1	Chip	3061	Discard	3070-3054
R027	R027-3	R027-3-B1	Chip	3022	Discard	3028-3017
R027	R027-3	R027-3-B1	Chip	2951	Discard	2960-2951
R027	R027-3	R027-3-B1	Chip	2921	Discard	2928-2915
R027	R027-3	R027-3-B1	Chip	2872	Discard	2878-2863
R027	R027-3	R027-3-B1	Chip	2857	Discard	2860-2825
R027	R027-3	R027-3-B1	Chip	2728	Discard	2737-2722
R027	R027-3	R027-3-B1	Chip	1729	Discard	1741-1723
R027	R027-3	R027-3-B1	Chip	1695	Discard	1704-1692
R027	R027-3	R027-3-B1	Chip	1606	Discard	1610-1600
R027	R027-3	R027-3-B1	Chip	1539	Discard	1543-1536
R027	R027-3	R027-3-B1	Chip	1493	Discard	1503-1493
R027	R027-3	R027-3-B1	Chip	1460	Discard	1463-1454
R027	R027-3	R027-3-B1	Chip	1377	Discard	1383-1374
R027	R027-3	R027-3-B1	Chip	1310	Discard	1316-1303
R027	R027-3	R027-3-B1	Chip	1270	Discard	1276-1266
R027	R027-3	R027-3-B1	Chip	1252	Discard	1255-1246
R027	R027-3	R027-3-B1	Chip	1163		
R027	R027-3	R027-3-B1	Chip	992		
R027	R027-3	R027-3-B1	Chip	797		
R027	R027-3	R027-3-B1	Chip	778		
R027	R027-3	R027-3-B1	Chip	699	Discard	705-696
R027	R027-3	R027-3-B1	Chip	555		
R027	R027-3	R027-3-B2	Chip	3398	Discard	3413-3281
R027	R027-3	R027-3-B2	Chip	3061	Discard	3070-3054
R027	R027-3	R027-3-B2	Chip	3022	Discard	3028-3017
R027	R027-3	R027-3-B2	Chip	2951	Discard	2960-2951
R027	R027-3	R027-3-B2	Chip	2924	Discard	2928-2915
R027	R027-3	R027-3-B2	Chip	2853	Discard	2860-2825
R027	R027-3	R027-3-B2	Chip	2734	Discard	2737-2722
R027	R027-3	R027-3-B2	Chip	2355		
R027	R027-3	R027-3-B2	Chip	2325		
R027	R027-3	R027-3-B2	Chip	1726	Discard	1741-1723

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R027	R027-3	R027-3-B2	Chip	1698	Discard	1704-1692
R027	R027-3	R027-3-B2	Chip	1603	Discard	1610-1600
R027	R027-3	R027-3-B2	Chip	1539	Discard	1543-1536
R027	R027-3	R027-3-B2	Chip	1515		
R027	R027-3	R027-3-B2	Chip	1493	Discard	1503-1493
R027	R027-3	R027-3-B2	Chip	1457	Discard	1463-1454
R027	R027-3	R027-3-B2	Chip	1377	Discard	1383-1374
R027	R027-3	R027-3-B2	Chip	1307	Discard	1316-1303
R027	R027-3	R027-3-B2	Chip	1270	Discard	1276-1266
R027	R027-3	R027-3-B2	Chip	1246	Discard	1255-1246
R027	R027-3	R027-3-B2	Chip	1163		
R027	R027-3	R027-3-B2	Chip	992		
R027	R027-3	R027-3-B2	Chip	797		
R027	R027-3	R027-3-B2	Chip	775		
R027	R027-3	R027-3-B2	Chip	745		
R027	R027-3	R027-3-B2	Chip	696	Discard	705-696
R027	R027-3	R027-3-B2	Chip	555		
R027	R027-3	R027-3-B3	Chip	3064	Discard	3070-3054
R027	R027-3	R027-3-B3	Chip	3025	Discard	3028-3017
R027	R027-3	R027-3-B3	Chip	2954	Discard	2960-2951
R027	R027-3	R027-3-B3	Chip	2924	Discard	2928-2915
R027	R027-3	R027-3-B3	Chip	2872	Discard	2878-2863
R027	R027-3	R027-3-B3	Chip	2853	Discard	2860-2825
R027	R027-3	R027-3-B3	Chip	2728	Discard	2737-2722
R027	R027-3	R027-3-B3	Chip	2615	Residue	
R027	R027-3	R027-3-B3	Chip	2361		
R027	R027-3	R027-3-B3	Chip	2331		
R027	R027-3	R027-3-B3	Chip	1729	Discard	1741-1723
R027	R027-3	R027-3-B3	Chip	1698	Discard	1704-1692
R027	R027-3	R027-3-B3	Chip	1610	Discard	1610-1600
R027	R027-3	R027-3-B3	Chip	1539	Discard	1543-1536
R027	R027-3	R027-3-B3	Chip	1496	Discard	1503-1493
R027	R027-3	R027-3-B3	Chip	1463	Discard	1463-1454
R027	R027-3	R027-3-B3	Chip	1374	Discard	1383-1374
R027	R027-3	R027-3-B3	Chip	1307	Discard	1316-1303
R027	R027-3	R027-3-B3	Chip	1267	Discard	1276-1266
R027	R027-3	R027-3-B3	Chip	1246	Discard	1255-1246
R027	R027-3	R027-3-B3	Chip	959		
R027	R027-3	R027-3-B3	Chip	891	Discard	913-884
R027	R027-3	R027-3-B3	Chip	797		
R027	R027-3	R027-3-B3	Chip	775		
R027	R027-3	R027-3-B3	Chip	757	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R027	R027-3	R027-3-B3	Chip	699	Discard	705-696
R027	R027-BODY	R027-BODY-B1	Body	2951	Discard	2960-2951
R027	R027-BODY	R027-BODY-B1	Body	2921	Discard	2928-2915
R027	R027-BODY	R027-BODY-B1	Body	2875	Discard	2878-2863
R027	R027-BODY	R027-BODY-B1	Body	2857	Discard	2860-2825
R027	R027-BODY	R027-BODY-B1	Body	1869		
R027	R027-BODY	R027-BODY-B1	Body	1610	Discard	1610-1600
R027	R027-BODY	R027-BODY-B1	Body	1460	Discard	1463-1454
R027	R027-BODY	R027-BODY-B1	Body	1380	Discard	1383-1374
R027	R027-BODY	R027-BODY-B1	Body	1163		
R027	R027-BODY	R027-BODY-B1	Body	1041		
R027	R027-BODY	R027-BODY-B1	Body	1014		
R027	R027-BODY	R027-BODY-B1	Body	797		
R027	R027-BODY	R027-BODY-B1	Body	778		
R027	R027-BODY	R027-BODY-B1	Body	723		
R027	R027-BODY	R027-BODY-B1	Body	696	Discard	705-696
R027	R027-BODY	R027-BODY-B1	Body	653		
R027	R027-BODY	R027-BODY-B1	Body	555		
R027	R027-BODY	R027-BODY-B2	Body	3391	Discard	3413-3281
R027	R027-BODY	R027-BODY-B2	Body	2954	Discard	2960-2951
R027	R027-BODY	R027-BODY-B2	Body	2924	Discard	2928-2915
R027	R027-BODY	R027-BODY-B2	Body	2872	Discard	2878-2863
R027	R027-BODY	R027-BODY-B2	Body	2853	Discard	2860-2825
R027	R027-BODY	R027-BODY-B2	Body	2358		
R027	R027-BODY	R027-BODY-B2	Body	2325		
R027	R027-BODY	R027-BODY-B2	Body	2166		
R027	R027-BODY	R027-BODY-B2	Body	1979		
R027	R027-BODY	R027-BODY-B2	Body	1603	Discard	1610-1600
R027	R027-BODY	R027-BODY-B2	Body	1457	Discard	1463-1454
R027	R027-BODY	R027-BODY-B2	Body	1377	Discard	1383-1374
R027	R027-BODY	R027-BODY-B2	Body	1163		
R027	R027-BODY	R027-BODY-B2	Body	1017		
R027	R027-BODY	R027-BODY-B2	Body	797		
R027	R027-BODY	R027-BODY-B2	Body	788		
R027	R027-BODY	R027-BODY-B2	Body	696	Discard	705-696
R027	R027-BODY	R027-BODY-B2	Body	647		
R027	R027-BODY	R027-BODY-B2	Body	555		
R027	R027-BODY	R027-BODY-B3	Body	2954	Discard	2960-2951
R027	R027-BODY	R027-BODY-B3	Body	2921	Discard	2928-2915
R027	R027-BODY	R027-BODY-B3	Body	2872	Discard	2878-2863
R027	R027-BODY	R027-BODY-B3	Body	2850	Discard	2860-2825
R027	R027-BODY	R027-BODY-B3	Body	2358		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R027	R027-BODY	R027-BODY-B3	Body	2325		
R027	R027-BODY	R027-BODY-B3	Body	1982		
R027	R027-BODY	R027-BODY-B3	Body	1875		
R027	R027-BODY	R027-BODY-B3	Body	1875		
R027	R027-BODY	R027-BODY-B3	Body	1735	Discard	1741-1723
R027	R027-BODY	R027-BODY-B3	Body	1606	Discard	1610-1600
R027	R027-BODY	R027-BODY-B3	Body	1454	Discard	1463-1454
R027	R027-BODY	R027-BODY-B3	Body	1380	Discard	1383-1374
R027	R027-BODY	R027-BODY-B3	Body	1163		
R027	R027-BODY	R027-BODY-B3	Body	1041		
R027	R027-BODY	R027-BODY-B3	Body	800		
R027	R027-BODY	R027-BODY-B3	Body	775		
R027	R027-BODY	R027-BODY-B3	Body	696	Discard	705-696
R028	R028-1	R028-1-B1	Chip	3532	Discard	3544-3517
R028	R028-1	R028-1-B1	Chip	3064	Discard	3070-3054
R028	R028-1	R028-1-B1	Chip	3022	Discard	3028-3017
R028	R028-1	R028-1-B1	Chip	2957	Discard	2960-2951
R028	R028-1	R028-1-B1	Chip	2921	Discard	2928-2915
R028	R028-1	R028-1-B1	Chip	2872	Discard	2878-2863
R028	R028-1	R028-1-B1	Chip	2853	Discard	2860-2825
R028	R028-1	R028-1-B1	Chip	2827	Discard	2860-2825
R028	R028-1	R028-1-B1	Chip	1732	Discard	1741-1723
R028	R028-1	R028-1-B1	Chip	1698	Discard	1704-1692
R028	R028-1	R028-1-B1	Chip	1606	Discard	1610-1600
R028	R028-1	R028-1-B1	Chip	1539	Discard	1543-1536
R028	R028-1	R028-1-B1	Chip	1515		
R028	R028-1	R028-1-B1	Chip	1493	Discard	1503-1493
R028	R028-1	R028-1-B1	Chip	1460	Discard	1463-1454
R028	R028-1	R028-1-B1	Chip	1380	Discard	1383-1374
R028	R028-1	R028-1-B1	Chip	1307	Discard	1316-1303
R028	R028-1	R028-1-B1	Chip	1273	Discard	1276-1266
R028	R028-1	R028-1-B1	Chip	888	Discard	913-884
R028	R028-1	R028-1-B1	Chip	748		
R028	R028-1	R028-1-B1	Chip	699	Discard	705-696
R028	R028-1	R028-1-B2	Chip	3535	Discard	3544-3517
R028	R028-1	R028-1-B2	Chip	3064	Discard	3070-3054
R028	R028-1	R028-1-B2	Chip	3019	Discard	3028-3017
R028	R028-1	R028-1-B2	Chip	2954	Discard	2960-2951
R028	R028-1	R028-1-B2	Chip	2927	Discard	2928-2915
R028	R028-1	R028-1-B2	Chip	2872	Discard	2878-2863
R028	R028-1	R028-1-B2	Chip	2857	Discard	2860-2825
R028	R028-1	R028-1-B2	Chip	2725	Discard	2737-2722

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R028	R028-1	R028-1-B2	Chip	1735	Discard	1741-1723
R028	R028-1	R028-1-B2	Chip	1698	Discard	1704-1692
R028	R028-1	R028-1-B2	Chip	1603	Discard	1610-1600
R028	R028-1	R028-1-B2	Chip	1542	Discard	1543-1536
R028	R028-1	R028-1-B2	Chip	1518		
R028	R028-1	R028-1-B2	Chip	1496	Discard	1503-1493
R028	R028-1	R028-1-B2	Chip	1460	Discard	1463-1454
R028	R028-1	R028-1-B2	Chip	1380	Discard	1383-1374
R028	R028-1	R028-1-B2	Chip	1310	Discard	1316-1303
R028	R028-1	R028-1-B2	Chip	1270	Discard	1276-1266
R028	R028-1	R028-1-B2	Chip	1249	Discard	1255-1246
R028	R028-1	R028-1-B2	Chip	894	Discard	913-884
R028	R028-1	R028-1-B2	Chip	760	Discard	769-751
R028	R028-1	R028-1-B2	Chip	699	Discard	705-696
R028	R028-1	R028-1-B3	Chip	3067	Discard	3070-3054
R028	R028-1	R028-1-B3	Chip	3025	Discard	3028-3017
R028	R028-1	R028-1-B3	Chip	2954	Discard	2960-2951
R028	R028-1	R028-1-B3	Chip	2921	Discard	2928-2915
R028	R028-1	R028-1-B3	Chip	2872	Discard	2878-2863
R028	R028-1	R028-1-B3	Chip	2857	Discard	2860-2825
R028	R028-1	R028-1-B3	Chip	1732	Discard	1741-1723
R028	R028-1	R028-1-B3	Chip	1698	Discard	1704-1692
R028	R028-1	R028-1-B3	Chip	1606	Discard	1610-1600
R028	R028-1	R028-1-B3	Chip	1539	Discard	1543-1536
R028	R028-1	R028-1-B3	Chip	1496	Discard	1503-1493
R028	R028-1	R028-1-B3	Chip	1457	Discard	1463-1454
R028	R028-1	R028-1-B3	Chip	1377	Discard	1383-1374
R028	R028-1	R028-1-B3	Chip	1307	Discard	1316-1303
R028	R028-1	R028-1-B3	Chip	910	Discard	913-884
R028	R028-1	R028-1-B3	Chip	766	Discard	769-751
R028	R028-1	R028-1-B3	Chip	699	Discard	705-696
R028	R028-2	R028-2-B1	Chip	3061	Discard	3070-3054
R028	R028-2	R028-2-B1	Chip	3019	Discard	3028-3017
R028	R028-2	R028-2-B1	Chip	2957	Discard	2960-2951
R028	R028-2	R028-2-B1	Chip	2928	Discard	2928-2915
R028	R028-2	R028-2-B1	Chip	2869	Discard	2878-2863
R028	R028-2	R028-2-B1	Chip	2857	Discard	2860-2825
R028	R028-2	R028-2-B1	Chip	2731	Discard	2737-2722
R028	R028-2	R028-2-B1	Chip	1735	Discard	1741-1723
R028	R028-2	R028-2-B1	Chip	1701	Discard	1704-1692
R028	R028-2	R028-2-B1	Chip	1603	Discard	1610-1600
R028	R028-2	R028-2-B1	Chip	1536	Discard	1543-1536

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R028	R028-2	R028-2-B1	Chip	1512		
R028	R028-2	R028-2-B1	Chip	1496	Discard	1503-1493
R028	R028-2	R028-2-B1	Chip	1454	Discard	1463-1454
R028	R028-2	R028-2-B1	Chip	1380	Discard	1383-1374
R028	R028-2	R028-2-B1	Chip	1307	Discard	1316-1303
R028	R028-2	R028-2-B1	Chip	1273	Discard	1276-1266
R028	R028-2	R028-2-B1	Chip	1252	Discard	1255-1246
R028	R028-2	R028-2-B1	Chip	888	Discard	913-884
R028	R028-2	R028-2-B1	Chip	754	Discard	769-751
R028	R028-2	R028-2-B1	Chip	702	Discard	705-696
R028	R028-2	R028-2-B2	Chip	2954	Discard	2960-2951
R028	R028-2	R028-2-B2	Chip	2927	Discard	2928-2915
R028	R028-2	R028-2-B2	Chip	2872	Discard	2878-2863
R028	R028-2	R028-2-B2	Chip	2853	Discard	2860-2825
R028	R028-2	R028-2-B2	Chip	1701	Discard	1704-1692
R028	R028-2	R028-2-B2	Chip	1539	Discard	1543-1536
R028	R028-2	R028-2-B2	Chip	1457	Discard	1463-1454
R028	R028-2	R028-2-B2	Chip	1377	Discard	1383-1374
R028	R028-2	R028-2-B2	Chip	907	Discard	913-884
R028	R028-2	R028-2-B2	Chip	766	Discard	769-751
R028	R028-2	R028-2-B2	Chip	705	Discard	705-696
R028	R028-2	R028-2-B3	Chip	3061	Discard	3070-3054
R028	R028-2	R028-2-B3	Chip	3019	Discard	3028-3017
R028	R028-2	R028-2-B3	Chip	2954	Discard	2960-2951
R028	R028-2	R028-2-B3	Chip	2924	Discard	2928-2915
R028	R028-2	R028-2-B3	Chip	2872	Discard	2878-2863
R028	R028-2	R028-2-B3	Chip	2853	Discard	2860-2825
R028	R028-2	R028-2-B3	Chip	1732	Discard	1741-1723
R028	R028-2	R028-2-B3	Chip	1698	Discard	1704-1692
R028	R028-2	R028-2-B3	Chip	1610	Discard	1610-1600
R028	R028-2	R028-2-B3	Chip	1539	Discard	1543-1536
R028	R028-2	R028-2-B3	Chip	1493	Discard	1503-1493
R028	R028-2	R028-2-B3	Chip	1460	Discard	1463-1454
R028	R028-2	R028-2-B3	Chip	1377	Discard	1383-1374
R028	R028-2	R028-2-B3	Chip	900	Discard	913-884
R028	R028-2	R028-2-B3	Chip	766	Discard	769-751
R028	R028-BODY	R028-BODY-B1	Body	3535	Discard	3544-3517
R028	R028-BODY	R028-BODY-B1	Body	3058	Discard	3070-3054
R028	R028-BODY	R028-BODY-B1	Body	3019	Discard	3028-3017
R028	R028-BODY	R028-BODY-B1	Body	2954	Discard	2960-2951
R028	R028-BODY	R028-BODY-B1	Body	2924	Discard	2928-2915
R028	R028-BODY	R028-BODY-B1	Body	2872	Discard	2878-2863

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R028	R028-BODY	R028-BODY-B1	Body	2860	Discard	2860-2825
R028	R028-BODY	R028-BODY-B1	Body	2731	Discard	2737-2722
R028	R028-BODY	R028-BODY-B1	Body	1732	Discard	1741-1723
R028	R028-BODY	R028-BODY-B1	Body	1698	Discard	1704-1692
R028	R028-BODY	R028-BODY-B1	Body	1603	Discard	1610-1600
R028	R028-BODY	R028-BODY-B1	Body	1539	Discard	1543-1536
R028	R028-BODY	R028-BODY-B1	Body	1515		
R028	R028-BODY	R028-BODY-B1	Body	1496	Discard	1503-1493
R028	R028-BODY	R028-BODY-B1	Body	1457	Discard	1463-1454
R028	R028-BODY	R028-BODY-B1	Body	1377	Discard	1383-1374
R028	R028-BODY	R028-BODY-B1	Body	1304	Discard	1316-1303
R028	R028-BODY	R028-BODY-B1	Body	1267	Discard	1276-1266
R028	R028-BODY	R028-BODY-B1	Body	900	Discard	913-884
R028	R028-BODY	R028-BODY-B1	Body	754	Discard	769-751
R028	R028-BODY	R028-BODY-B1	Body	702	Discard	705-696
R028	R028-BODY	R028-BODY-B2	Body	3025	Discard	3028-3017
R028	R028-BODY	R028-BODY-B2	Body	2954	Discard	2960-2951
R028	R028-BODY	R028-BODY-B2	Body	2921	Discard	2928-2915
R028	R028-BODY	R028-BODY-B2	Body	2872	Discard	2878-2863
R028	R028-BODY	R028-BODY-B2	Body	2853	Discard	2860-2825
R028	R028-BODY	R028-BODY-B2	Body	1732	Discard	1741-1723
R028	R028-BODY	R028-BODY-B2	Body	1698	Discard	1704-1692
R028	R028-BODY	R028-BODY-B2	Body	1610	Discard	1610-1600
R028	R028-BODY	R028-BODY-B2	Body	1536	Discard	1543-1536
R028	R028-BODY	R028-BODY-B2	Body	1496	Discard	1503-1493
R028	R028-BODY	R028-BODY-B2	Body	1460	Discard	1463-1454
R028	R028-BODY	R028-BODY-B2	Body	1380	Discard	1383-1374
R028	R028-BODY	R028-BODY-B2	Body	904	Discard	913-884
R028	R028-BODY	R028-BODY-B2	Body	772		
R028	R028-BODY	R028-BODY-B2	Body	702	Discard	705-696
R028	R028-BODY	R028-BODY-B3	Body	3061	Discard	3070-3054
R028	R028-BODY	R028-BODY-B3	Body	3019	Discard	3028-3017
R028	R028-BODY	R028-BODY-B3	Body	2954	Discard	2960-2951
R028	R028-BODY	R028-BODY-B3	Body	2927	Discard	2928-2915
R028	R028-BODY	R028-BODY-B3	Body	2872	Discard	2878-2863
R028	R028-BODY	R028-BODY-B3	Body	2857	Discard	2860-2825
R028	R028-BODY	R028-BODY-B3	Body	1732	Discard	1741-1723
R028	R028-BODY	R028-BODY-B3	Body	1701	Discard	1704-1692
R028	R028-BODY	R028-BODY-B3	Body	1606	Discard	1610-1600
R028	R028-BODY	R028-BODY-B3	Body	1542	Discard	1543-1536
R028	R028-BODY	R028-BODY-B3	Body	1460	Discard	1463-1454
R028	R028-BODY	R028-BODY-B3	Body	1377	Discard	1383-1374

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R028	R028-BODY	R028-BODY-B3	Body	1310	Discard	1316-1303
R028	R028-BODY	R028-BODY-B3	Body	1267	Discard	1276-1266
R028	R028-BODY	R028-BODY-B3	Body	1252	Discard	1255-1246
R028	R028-BODY	R028-BODY-B3	Body	907	Discard	913-884
R028	R028-BODY	R028-BODY-B3	Body	760	Discard	769-751
R028	R028-BODY	R028-BODY-B3	Body	702	Discard	705-696
R029	R029-1	R029-1-B1	Chip	3523	Discard	3544-3517
R029	R029-1	R029-1-B1	Chip	3061	Discard	3070-3054
R029	R029-1	R029-1-B1	Chip	3025	Discard	3028-3017
R029	R029-1	R029-1-B1	Chip	2957	Discard	2960-2951
R029	R029-1	R029-1-B1	Chip	2924	Discard	2928-2915
R029	R029-1	R029-1-B1	Chip	2869	Discard	2878-2863
R029	R029-1	R029-1-B1	Chip	2857	Discard	2860-2825
R029	R029-1	R029-1-B1	Chip	2731	Discard	2737-2722
R029	R029-1	R029-1-B1	Chip	1732	Discard	1741-1723
R029	R029-1	R029-1-B1	Chip	1698	Discard	1704-1692
R029	R029-1	R029-1-B1	Chip	1603	Discard	1610-1600
R029	R029-1	R029-1-B1	Chip	1542	Discard	1543-1536
R029	R029-1	R029-1-B1	Chip	1515		
R029	R029-1	R029-1-B1	Chip	1493	Discard	1503-1493
R029	R029-1	R029-1-B1	Chip	1454	Discard	1463-1454
R029	R029-1	R029-1-B1	Chip	1377	Discard	1383-1374
R029	R029-1	R029-1-B1	Chip	1307	Discard	1316-1303
R029	R029-1	R029-1-B1	Chip	1273	Discard	1276-1266
R029	R029-1	R029-1-B1	Chip	1252	Discard	1255-1246
R029	R029-1	R029-1-B1	Chip	977		
R029	R029-1	R029-1-B1	Chip	888	Discard	913-884
R029	R029-1	R029-1-B1	Chip	754	Discard	769-751
R029	R029-1	R029-1-B1	Chip	702	Discard	705-696
R029	R029-1	R029-1-B2	Chip	3532	Discard	3544-3517
R029	R029-1	R029-1-B2	Chip	3061	Discard	3070-3054
R029	R029-1	R029-1-B2	Chip	3022	Discard	3028-3017
R029	R029-1	R029-1-B2	Chip	2954	Discard	2960-2951
R029	R029-1	R029-1-B2	Chip	2924	Discard	2928-2915
R029	R029-1	R029-1-B2	Chip	2869	Discard	2878-2863
R029	R029-1	R029-1-B2	Chip	2853	Discard	2860-2825
R029	R029-1	R029-1-B2	Chip	2725	Discard	2737-2722
R029	R029-1	R029-1-B2	Chip	1729	Discard	1741-1723
R029	R029-1	R029-1-B2	Chip	1704	Discard	1704-1692
R029	R029-1	R029-1-B2	Chip	1606	Discard	1610-1600
R029	R029-1	R029-1-B2	Chip	1539	Discard	1543-1536
R029	R029-1	R029-1-B2	Chip	1500	Discard	1503-1493

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R029	R029-1	R029-1-B2	Chip	1454	Discard	1463-1454
R029	R029-1	R029-1-B2	Chip	1380	Discard	1383-1374
R029	R029-1	R029-1-B2	Chip	1310	Discard	1316-1303
R029	R029-1	R029-1-B2	Chip	1270	Discard	1276-1266
R029	R029-1	R029-1-B2	Chip	1252	Discard	1255-1246
R029	R029-1	R029-1-B2	Chip	900	Discard	913-884
R029	R029-1	R029-1-B2	Chip	757	Discard	769-751
R029	R029-1	R029-1-B2	Chip	705	Discard	705-696
R029	R029-1	R029-1-B3	Chip	3022	Discard	3028-3017
R029	R029-1	R029-1-B3	Chip	2957	Discard	2960-2951
R029	R029-1	R029-1-B3	Chip	2921	Discard	2928-2915
R029	R029-1	R029-1-B3	Chip	2872	Discard	2878-2863
R029	R029-1	R029-1-B3	Chip	2853	Discard	2860-2825
R029	R029-1	R029-1-B3	Chip	1735	Discard	1741-1723
R029	R029-1	R029-1-B3	Chip	1698	Discard	1704-1692
R029	R029-1	R029-1-B3	Chip	1606	Discard	1610-1600
R029	R029-1	R029-1-B3	Chip	1542	Discard	1543-1536
R029	R029-1	R029-1-B3	Chip	1460	Discard	1463-1454
R029	R029-1	R029-1-B3	Chip	1377	Discard	1383-1374
R029	R029-1	R029-1-B3	Chip	907	Discard	913-884
R029	R029-1	R029-1-B3	Chip	766	Discard	769-751
R029	R029-1	R029-1-B3	Chip	699	Discard	705-696
R029	R029-2	R029-2-B1	Chip	3022	Discard	3028-3017
R029	R029-2	R029-2-B1	Chip	2957	Discard	2960-2951
R029	R029-2	R029-2-B1	Chip	2927	Discard	2928-2915
R029	R029-2	R029-2-B1	Chip	2872	Discard	2878-2863
R029	R029-2	R029-2-B1	Chip	2857	Discard	2860-2825
R029	R029-2	R029-2-B1	Chip	1726	Discard	1741-1723
R029	R029-2	R029-2-B1	Chip	1698	Discard	1704-1692
R029	R029-2	R029-2-B1	Chip	1603	Discard	1610-1600
R029	R029-2	R029-2-B1	Chip	1542	Discard	1543-1536
R029	R029-2	R029-2-B1	Chip	1460	Discard	1463-1454
R029	R029-2	R029-2-B1	Chip	1380	Discard	1383-1374
R029	R029-2	R029-2-B1	Chip	1313	Discard	1316-1303
R029	R029-2	R029-2-B1	Chip	1267	Discard	1276-1266
R029	R029-2	R029-2-B1	Chip	910	Discard	913-884
R029	R029-2	R029-2-B1	Chip	769	Discard	769-751
R029	R029-2	R029-2-B1	Chip	702	Discard	705-696
R029	R029-2	R029-2-B2	Chip	3025	Discard	3028-3017
R029	R029-2	R029-2-B2	Chip	2957	Discard	2960-2951
R029	R029-2	R029-2-B2	Chip	2927	Discard	2928-2915
R029	R029-2	R029-2-B2	Chip	2875	Discard	2878-2863

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R029	R029-2	R029-2-B2	Chip	2857	Discard	2860-2825
R029	R029-2	R029-2-B2	Chip	1726	Discard	1741-1723
R029	R029-2	R029-2-B2	Chip	1698	Discard	1704-1692
R029	R029-2	R029-2-B2	Chip	1457	Discard	1463-1454
R029	R029-2	R029-2-B2	Chip	1377	Discard	1383-1374
R029	R029-2	R029-2-B2	Chip	904	Discard	913-884
R029	R029-2	R029-2-B2	Chip	769	Discard	769-751
R029	R029-2	R029-2-B2	Chip	702	Discard	705-696
R029	R029-2	R029-2-B3	Chip	3388	Discard	3413-3281
R029	R029-2	R029-2-B3	Chip	3067	Discard	3070-3054
R029	R029-2	R029-2-B3	Chip	3019	Discard	3028-3017
R029	R029-2	R029-2-B3	Chip	2954	Discard	2960-2951
R029	R029-2	R029-2-B3	Chip	2927	Discard	2928-2915
R029	R029-2	R029-2-B3	Chip	2869	Discard	2878-2863
R029	R029-2	R029-2-B3	Chip	2857	Discard	2860-2825
R029	R029-2	R029-2-B3	Chip	1726	Discard	1741-1723
R029	R029-2	R029-2-B3	Chip	1698	Discard	1704-1692
R029	R029-2	R029-2-B3	Chip	1600	Discard	1610-1600
R029	R029-2	R029-2-B3	Chip	1542	Discard	1543-1536
R029	R029-2	R029-2-B3	Chip	1500	Discard	1503-1493
R029	R029-2	R029-2-B3	Chip	1457	Discard	1463-1454
R029	R029-2	R029-2-B3	Chip	1380	Discard	1383-1374
R029	R029-2	R029-2-B3	Chip	1307	Discard	1316-1303
R029	R029-2	R029-2-B3	Chip	1273	Discard	1276-1266
R029	R029-2	R029-2-B3	Chip	900	Discard	913-884
R029	R029-2	R029-2-B3	Chip	763	Discard	769-751
R029	R029-2	R029-2-B3	Chip	705	Discard	705-696
R029	R029-BODY	R029-BODY-B1	Body	3349	Discard	3413-3281
R029	R029-BODY	R029-BODY-B1	Body	3028	Discard	3028-3017
R029	R029-BODY	R029-BODY-B1	Body	2954	Discard	2960-2951
R029	R029-BODY	R029-BODY-B1	Body	2924	Discard	2928-2915
R029	R029-BODY	R029-BODY-B1	Body	2866	Discard	2878-2863
R029	R029-BODY	R029-BODY-B1	Body	2857	Discard	2860-2825
R029	R029-BODY	R029-BODY-B1	Body	2825	Discard	2860-2825
R029	R029-BODY	R029-BODY-B1	Body	1729	Discard	1741-1723
R029	R029-BODY	R029-BODY-B1	Body	1698	Discard	1704-1692
R029	R029-BODY	R029-BODY-B1	Body	1600	Discard	1610-1600
R029	R029-BODY	R029-BODY-B1	Body	1539	Discard	1543-1536
R029	R029-BODY	R029-BODY-B1	Body	1496	Discard	1503-1493
R029	R029-BODY	R029-BODY-B1	Body	1457	Discard	1463-1454
R029	R029-BODY	R029-BODY-B1	Body	1380	Discard	1383-1374
R029	R029-BODY	R029-BODY-B1	Body	1310	Discard	1316-1303

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R029	R029-BODY	R029-BODY-B1	Body	1273	Discard	1276-1266
R029	R029-BODY	R029-BODY-B1	Body	1252	Discard	1255-1246
R029	R029-BODY	R029-BODY-B1	Body	894	Discard	913-884
R029	R029-BODY	R029-BODY-B1	Body	763	Discard	769-751
R029	R029-BODY	R029-BODY-B1	Body	702	Discard	705-696
R029	R029-BODY	R029-BODY-B2	Body	3058	Discard	3070-3054
R029	R029-BODY	R029-BODY-B2	Body	3028	Discard	3028-3017
R029	R029-BODY	R029-BODY-B2	Body	2954	Discard	2960-2951
R029	R029-BODY	R029-BODY-B2	Body	2924	Discard	2928-2915
R029	R029-BODY	R029-BODY-B2	Body	2869	Discard	2878-2863
R029	R029-BODY	R029-BODY-B2	Body	2853	Discard	2860-2825
R029	R029-BODY	R029-BODY-B2	Body	2728	Discard	2737-2722
R029	R029-BODY	R029-BODY-B2	Body	1723	Discard	1741-1723
R029	R029-BODY	R029-BODY-B2	Body	1603	Discard	1610-1600
R029	R029-BODY	R029-BODY-B2	Body	1542	Discard	1543-1536
R029	R029-BODY	R029-BODY-B2	Body	1457	Discard	1463-1454
R029	R029-BODY	R029-BODY-B2	Body	1414		
R029	R029-BODY	R029-BODY-B2	Body	1380	Discard	1383-1374
R029	R029-BODY	R029-BODY-B2	Body	1344		
R029	R029-BODY	R029-BODY-B2	Body	1310	Discard	1316-1303
R029	R029-BODY	R029-BODY-B2	Body	1270	Discard	1276-1266
R029	R029-BODY	R029-BODY-B2	Body	1246	Discard	1255-1246
R029	R029-BODY	R029-BODY-B2	Body	1020		
R029	R029-BODY	R029-BODY-B2	Body	894	Discard	913-884
R029	R029-BODY	R029-BODY-B2	Body	763	Discard	769-751
R029	R029-BODY	R029-BODY-B2	Body	735		
R029	R029-BODY	R029-BODY-B2	Body	699	Discard	705-696
R029	R029-BODY	R029-BODY-B3	Body	2951	Discard	2960-2951
R029	R029-BODY	R029-BODY-B3	Body	2921	Discard	2928-2915
R029	R029-BODY	R029-BODY-B3	Body	2872	Discard	2878-2863
R029	R029-BODY	R029-BODY-B3	Body	2857	Discard	2860-2825
R029	R029-BODY	R029-BODY-B3	Body	1726	Discard	1741-1723
R029	R029-BODY	R029-BODY-B3	Body	1698	Discard	1704-1692
R029	R029-BODY	R029-BODY-B3	Body	1603	Discard	1610-1600
R029	R029-BODY	R029-BODY-B3	Body	1542	Discard	1543-1536
R029	R029-BODY	R029-BODY-B3	Body	1493	Discard	1503-1493
R029	R029-BODY	R029-BODY-B3	Body	1460	Discard	1463-1454
R029	R029-BODY	R029-BODY-B3	Body	1399		
R029	R029-BODY	R029-BODY-B3	Body	1380	Discard	1383-1374
R029	R029-BODY	R029-BODY-B3	Body	1310	Discard	1316-1303
R029	R029-BODY	R029-BODY-B3	Body	1273	Discard	1276-1266
R029	R029-BODY	R029-BODY-B3	Body	1252	Discard	1255-1246

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R029	R029-BODY	R029-BODY-B3	Body	904	Discard	913-884
R029	R029-BODY	R029-BODY-B3	Body	769	Discard	769-751
R029	R029-BODY	R029-BODY-B3	Body	705	Discard	705-696
R030	R030-1	R030-1-B1	Chip	3067	Discard	3070-3054
R030	R030-1	R030-1-B1	Chip	3019	Discard	3028-3017
R030	R030-1	R030-1-B1	Chip	2954	Discard	2960-2951
R030	R030-1	R030-1-B1	Chip	2924	Discard	2928-2915
R030	R030-1	R030-1-B1	Chip	2872	Discard	2878-2863
R030	R030-1	R030-1-B1	Chip	2857	Discard	2860-2825
R030	R030-1	R030-1-B1	Chip	2364		
R030	R030-1	R030-1-B1	Chip	1732	Discard	1741-1723
R030	R030-1	R030-1-B1	Chip	1701	Discard	1704-1692
R030	R030-1	R030-1-B1	Chip	1603	Discard	1610-1600
R030	R030-1	R030-1-B1	Chip	1539	Discard	1543-1536
R030	R030-1	R030-1-B1	Chip	1503	Discard	1503-1493
R030	R030-1	R030-1-B1	Chip	1463	Discard	1463-1454
R030	R030-1	R030-1-B1	Chip	1380	Discard	1383-1374
R030	R030-1	R030-1-B1	Chip	1307	Discard	1316-1303
R030	R030-1	R030-1-B1	Chip	1255	Discard	1255-1246
R030	R030-1	R030-1-B1	Chip	897	Discard	913-884
R030	R030-1	R030-1-B1	Chip	763	Discard	769-751
R030	R030-1	R030-1-B1	Chip	702	Discard	705-696
R030	R030-1	R030-1-B2	Chip	3364	Discard	3413-3281
R030	R030-1	R030-1-B2	Chip	3064	Discard	3070-3054
R030	R030-1	R030-1-B2	Chip	3025	Discard	3028-3017
R030	R030-1	R030-1-B2	Chip	2951	Discard	2960-2951
R030	R030-1	R030-1-B2	Chip	2924	Discard	2928-2915
R030	R030-1	R030-1-B2	Chip	2872	Discard	2878-2863
R030	R030-1	R030-1-B2	Chip	2857	Discard	2860-2825
R030	R030-1	R030-1-B2	Chip	2725	Discard	2737-2722
R030	R030-1	R030-1-B2	Chip	2358		
R030	R030-1	R030-1-B2	Chip	2331		
R030	R030-1	R030-1-B2	Chip	1735	Discard	1741-1723
R030	R030-1	R030-1-B2	Chip	1698	Discard	1704-1692
R030	R030-1	R030-1-B2	Chip	1606	Discard	1610-1600
R030	R030-1	R030-1-B2	Chip	1542	Discard	1543-1536
R030	R030-1	R030-1-B2	Chip	1512		
R030	R030-1	R030-1-B2	Chip	1493	Discard	1503-1493
R030	R030-1	R030-1-B2	Chip	1457	Discard	1463-1454
R030	R030-1	R030-1-B2	Chip	1377	Discard	1383-1374
R030	R030-1	R030-1-B2	Chip	1310	Discard	1316-1303
R030	R030-1	R030-1-B2	Chip	1276	Discard	1276-1266

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R030	R030-1	R030-1-B2	Chip	1252	Discard	1255-1246
R030	R030-1	R030-1-B2	Chip	894	Discard	913-884
R030	R030-1	R030-1-B2	Chip	784		
R030	R030-1	R030-1-B2	Chip	757	Discard	769-751
R030	R030-1	R030-1-B2	Chip	699	Discard	705-696
R030	R030-1	R030-1-B3	Chip	3373	Discard	3413-3281
R030	R030-1	R030-1-B3	Chip	3067	Discard	3070-3054
R030	R030-1	R030-1-B3	Chip	3028	Discard	3028-3017
R030	R030-1	R030-1-B3	Chip	2957	Discard	2960-2951
R030	R030-1	R030-1-B3	Chip	2921	Discard	2928-2915
R030	R030-1	R030-1-B3	Chip	2872	Discard	2878-2863
R030	R030-1	R030-1-B3	Chip	2853	Discard	2860-2825
R030	R030-1	R030-1-B3	Chip	2731	Discard	2737-2722
R030	R030-1	R030-1-B3	Chip	2364		
R030	R030-1	R030-1-B3	Chip	2334		
R030	R030-1	R030-1-B3	Chip	1726	Discard	1741-1723
R030	R030-1	R030-1-B3	Chip	1701	Discard	1704-1692
R030	R030-1	R030-1-B3	Chip	1603	Discard	1610-1600
R030	R030-1	R030-1-B3	Chip	1539	Discard	1543-1536
R030	R030-1	R030-1-B3	Chip	1500	Discard	1503-1493
R030	R030-1	R030-1-B3	Chip	1457	Discard	1463-1454
R030	R030-1	R030-1-B3	Chip	1377	Discard	1383-1374
R030	R030-1	R030-1-B3	Chip	1310	Discard	1316-1303
R030	R030-1	R030-1-B3	Chip	1270	Discard	1276-1266
R030	R030-1	R030-1-B3	Chip	968		
R030	R030-1	R030-1-B3	Chip	894	Discard	913-884
R030	R030-1	R030-1-B3	Chip	775		
R030	R030-1	R030-1-B3	Chip	754	Discard	769-751
R030	R030-1	R030-1-B3	Chip	702	Discard	705-696
R030	R030-2	R030-2-B1	Chip	3382	Discard	3413-3281
R030	R030-2	R030-2-B1	Chip	3061	Discard	3070-3054
R030	R030-2	R030-2-B1	Chip	3025	Discard	3028-3017
R030	R030-2	R030-2-B1	Chip	2954	Discard	2960-2951
R030	R030-2	R030-2-B1	Chip	2921	Discard	2928-2915
R030	R030-2	R030-2-B1	Chip	2872	Discard	2878-2863
R030	R030-2	R030-2-B1	Chip	2850	Discard	2860-2825
R030	R030-2	R030-2-B1	Chip	2731	Discard	2737-2722
R030	R030-2	R030-2-B1	Chip	1729	Discard	1741-1723
R030	R030-2	R030-2-B1	Chip	1692	Discard	1704-1692
R030	R030-2	R030-2-B1	Chip	1606	Discard	1610-1600
R030	R030-2	R030-2-B1	Chip	1515		
R030	R030-2	R030-2-B1	Chip	1493	Discard	1503-1493

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R030	R030-2	R030-2-B1	Chip	1454	Discard	1463-1454
R030	R030-2	R030-2-B1	Chip	1374	Discard	1383-1374
R030	R030-2	R030-2-B1	Chip	1307	Discard	1316-1303
R030	R030-2	R030-2-B1	Chip	1267	Discard	1276-1266
R030	R030-2	R030-2-B1	Chip	1249	Discard	1255-1246
R030	R030-2	R030-2-B1	Chip	1163		
R030	R030-2	R030-2-B1	Chip	1026		
R030	R030-2	R030-2-B1	Chip	974		
R030	R030-2	R030-2-B1	Chip	887	Discard	913-884
R030	R030-2	R030-2-B1	Chip	800		
R030	R030-2	R030-2-B1	Chip	778		
R030	R030-2	R030-2-B1	Chip	748		
R030	R030-2	R030-2-B1	Chip	699	Discard	705-696
R030	R030-2	R030-2-B2	Chip	3352	Discard	3413-3281
R030	R030-2	R030-2-B2	Chip	3061	Discard	3070-3054
R030	R030-2	R030-2-B2	Chip	3022	Discard	3028-3017
R030	R030-2	R030-2-B2	Chip	2951	Discard	2960-2951
R030	R030-2	R030-2-B2	Chip	2927	Discard	2928-2915
R030	R030-2	R030-2-B2	Chip	2869	Discard	2878-2863
R030	R030-2	R030-2-B2	Chip	2857	Discard	2860-2825
R030	R030-2	R030-2-B2	Chip	2728	Discard	2737-2722
R030	R030-2	R030-2-B2	Chip	1735	Discard	1741-1723
R030	R030-2	R030-2-B2	Chip	1698	Discard	1704-1692
R030	R030-2	R030-2-B2	Chip	1603	Discard	1610-1600
R030	R030-2	R030-2-B2	Chip	1539	Discard	1543-1536
R030	R030-2	R030-2-B2	Chip	1525		
R030	R030-2	R030-2-B2	Chip	1496	Discard	1503-1493
R030	R030-2	R030-2-B2	Chip	1457	Discard	1463-1454
R030	R030-2	R030-2-B2	Chip	1377	Discard	1383-1374
R030	R030-2	R030-2-B2	Chip	1307	Discard	1316-1303
R030	R030-2	R030-2-B2	Chip	1273	Discard	1276-1266
R030	R030-2	R030-2-B2	Chip	891	Discard	913-884
R030	R030-2	R030-2-B2	Chip	781		
R030	R030-2	R030-2-B2	Chip	763	Discard	769-751
R030	R030-2	R030-2-B2	Chip	702	Discard	705-696
R030	R030-2	R030-2-B3	Chip	3064	Discard	3070-3054
R030	R030-2	R030-2-B3	Chip	3022	Discard	3028-3017
R030	R030-2	R030-2-B3	Chip	2954	Discard	2960-2951
R030	R030-2	R030-2-B3	Chip	2927	Discard	2928-2915
R030	R030-2	R030-2-B3	Chip	2872	Discard	2878-2863
R030	R030-2	R030-2-B3	Chip	2857	Discard	2860-2825
R030	R030-2	R030-2-B3	Chip	2361		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R030	R030-2	R030-2-B3	Chip	1735	Discard	1741-1723
R030	R030-2	R030-2-B3	Chip	1701	Discard	1704-1692
R030	R030-2	R030-2-B3	Chip	1603	Discard	1610-1600
R030	R030-2	R030-2-B3	Chip	1536	Discard	1543-1536
R030	R030-2	R030-2-B3	Chip	1496	Discard	1503-1493
R030	R030-2	R030-2-B3	Chip	1457	Discard	1463-1454
R030	R030-2	R030-2-B3	Chip	1377	Discard	1383-1374
R030	R030-2	R030-2-B3	Chip	1304	Discard	1316-1303
R030	R030-2	R030-2-B3	Chip	1276	Discard	1276-1266
R030	R030-2	R030-2-B3	Chip	1246	Discard	1255-1246
R030	R030-2	R030-2-B3	Chip	894	Discard	913-884
R030	R030-2	R030-2-B3	Chip	766	Discard	769-751
R030	R030-2	R030-2-B3	Chip	702	Discard	705-696
R030	R030-BODY	R030-BODY-B1	Body	3364	Discard	3413-3281
R030	R030-BODY	R030-BODY-B1	Body	3061	Discard	3070-3054
R030	R030-BODY	R030-BODY-B1	Body	3019	Discard	3028-3017
R030	R030-BODY	R030-BODY-B1	Body	2954	Discard	2960-2951
R030	R030-BODY	R030-BODY-B1	Body	2918	Discard	2928-2915
R030	R030-BODY	R030-BODY-B1	Body	2869	Discard	2878-2863
R030	R030-BODY	R030-BODY-B1	Body	2857	Discard	2860-2825
R030	R030-BODY	R030-BODY-B1	Body	2731	Discard	2737-2722
R030	R030-BODY	R030-BODY-B1	Body	1729	Discard	1741-1723
R030	R030-BODY	R030-BODY-B1	Body	1698	Discard	1704-1692
R030	R030-BODY	R030-BODY-B1	Body	1606	Discard	1610-1600
R030	R030-BODY	R030-BODY-B1	Body	1539	Discard	1543-1536
R030	R030-BODY	R030-BODY-B1	Body	1515		
R030	R030-BODY	R030-BODY-B1	Body	1496	Discard	1503-1493
R030	R030-BODY	R030-BODY-B1	Body	1457	Discard	1463-1454
R030	R030-BODY	R030-BODY-B1	Body	1377	Discard	1383-1374
R030	R030-BODY	R030-BODY-B1	Body	1310	Discard	1316-1303
R030	R030-BODY	R030-BODY-B1	Body	1273	Discard	1276-1266
R030	R030-BODY	R030-BODY-B1	Body	1252	Discard	1255-1246
R030	R030-BODY	R030-BODY-B1	Body	1017		
R030	R030-BODY	R030-BODY-B1	Body	974		
R030	R030-BODY	R030-BODY-B1	Body	888	Discard	913-884
R030	R030-BODY	R030-BODY-B1	Body	800		
R030	R030-BODY	R030-BODY-B1	Body	778		
R030	R030-BODY	R030-BODY-B1	Body	757	Discard	769-751
R030	R030-BODY	R030-BODY-B1	Body	702	Discard	705-696
R030	R030-BODY	R030-BODY-B2	Body	3370	Discard	3413-3281
R030	R030-BODY	R030-BODY-B2	Body	3061	Discard	3070-3054
R030	R030-BODY	R030-BODY-B2	Body	3022	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R030	R030-BODY	R030-BODY-B2	Body	2951	Discard	2960-2951
R030	R030-BODY	R030-BODY-B2	Body	2927	Discard	2928-2915
R030	R030-BODY	R030-BODY-B2	Body	2872	Discard	2878-2863
R030	R030-BODY	R030-BODY-B2	Body	2853	Discard	2860-2825
R030	R030-BODY	R030-BODY-B2	Body	2725	Discard	2737-2722
R030	R030-BODY	R030-BODY-B2	Body	1735	Discard	1741-1723
R030	R030-BODY	R030-BODY-B2	Body	1695	Discard	1704-1692
R030	R030-BODY	R030-BODY-B2	Body	1606	Discard	1610-1600
R030	R030-BODY	R030-BODY-B2	Body	1539	Discard	1543-1536
R030	R030-BODY	R030-BODY-B2	Body	1515		
R030	R030-BODY	R030-BODY-B2	Body	1493	Discard	1503-1493
R030	R030-BODY	R030-BODY-B2	Body	1463	Discard	1463-1454
R030	R030-BODY	R030-BODY-B2	Body	1377	Discard	1383-1374
R030	R030-BODY	R030-BODY-B2	Body	1310	Discard	1316-1303
R030	R030-BODY	R030-BODY-B2	Body	1270	Discard	1276-1266
R030	R030-BODY	R030-BODY-B2	Body	1249	Discard	1255-1246
R030	R030-BODY	R030-BODY-B2	Body	900	Discard	913-884
R030	R030-BODY	R030-BODY-B2	Body	763	Discard	769-751
R030	R030-BODY	R030-BODY-B2	Body	702	Discard	705-696
R030	R030-BODY	R030-BODY-B3	Body	3355	Discard	3413-3281
R030	R030-BODY	R030-BODY-B3	Body	3064	Discard	3070-3054
R030	R030-BODY	R030-BODY-B3	Body	3022	Discard	3028-3017
R030	R030-BODY	R030-BODY-B3	Body	2954	Discard	2960-2951
R030	R030-BODY	R030-BODY-B3	Body	2924	Discard	2928-2915
R030	R030-BODY	R030-BODY-B3	Body	2872	Discard	2878-2863
R030	R030-BODY	R030-BODY-B3	Body	2857	Discard	2860-2825
R030	R030-BODY	R030-BODY-B3	Body	1732	Discard	1741-1723
R030	R030-BODY	R030-BODY-B3	Body	1695	Discard	1704-1692
R030	R030-BODY	R030-BODY-B3	Body	1606	Discard	1610-1600
R030	R030-BODY	R030-BODY-B3	Body	1539	Discard	1543-1536
R030	R030-BODY	R030-BODY-B3	Body	1496	Discard	1503-1493
R030	R030-BODY	R030-BODY-B3	Body	1460	Discard	1463-1454
R030	R030-BODY	R030-BODY-B3	Body	1377	Discard	1383-1374
R030	R030-BODY	R030-BODY-B3	Body	1310	Discard	1316-1303
R030	R030-BODY	R030-BODY-B3	Body	1270	Discard	1276-1266
R030	R030-BODY	R030-BODY-B3	Body	897	Discard	913-884
R030	R030-BODY	R030-BODY-B3	Body	766	Discard	769-751
R030	R030-BODY	R030-BODY-B3	Body	702	Discard	705-696
R032	R032-1	R032-1-B1	Chip	3523	Discard	3544-3517
R032	R032-1	R032-1-B1	Chip	3382	Discard	3413-3281
R032	R032-1	R032-1-B1	Chip	3061	Discard	3070-3054
R032	R032-1	R032-1-B1	Chip	3019	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R032	R032-1	R032-1-B1	Chip	2951	Discard	2960-2951
R032	R032-1	R032-1-B1	Chip	2921	Discard	2928-2915
R032	R032-1	R032-1-B1	Chip	2872	Discard	2878-2863
R032	R032-1	R032-1-B1	Chip	2857	Discard	2860-2825
R032	R032-1	R032-1-B1	Chip	2731	Discard	2737-2722
R032	R032-1	R032-1-B1	Chip	2361		
R032	R032-1	R032-1-B1	Chip	2325		
R032	R032-1	R032-1-B1	Chip	1735	Discard	1741-1723
R032	R032-1	R032-1-B1	Chip	1698	Discard	1704-1692
R032	R032-1	R032-1-B1	Chip	1606	Discard	1610-1600
R032	R032-1	R032-1-B1	Chip	1539	Discard	1543-1536
R032	R032-1	R032-1-B1	Chip	1515		
R032	R032-1	R032-1-B1	Chip	1493	Discard	1503-1493
R032	R032-1	R032-1-B1	Chip	1457	Discard	1463-1454
R032	R032-1	R032-1-B1	Chip	1377	Discard	1383-1374
R032	R032-1	R032-1-B1	Chip	1307	Discard	1316-1303
R032	R032-1	R032-1-B1	Chip	1295	Discard	1316-1303
R032	R032-1	R032-1-B1	Chip	1273	Discard	1276-1266
R032	R032-1	R032-1-B1	Chip	1249	Discard	1255-1246
R032	R032-1	R032-1-B1	Chip	891	Discard	913-884
R032	R032-1	R032-1-B1	Chip	757	Discard	769-751
R032	R032-1	R032-1-B1	Chip	699	Discard	705-696
R032	R032-1	R032-1-B2	Chip	3061	Discard	3070-3054
R032	R032-1	R032-1-B2	Chip	3019	Discard	3028-3017
R032	R032-1	R032-1-B2	Chip	2954	Discard	2960-2951
R032	R032-1	R032-1-B2	Chip	2921	Discard	2928-2915
R032	R032-1	R032-1-B2	Chip	2869	Discard	2878-2863
R032	R032-1	R032-1-B2	Chip	2857	Discard	2860-2825
R032	R032-1	R032-1-B2	Chip	2731	Discard	2737-2722
R032	R032-1	R032-1-B2	Chip	1732	Discard	1741-1723
R032	R032-1	R032-1-B2	Chip	1698	Discard	1704-1692
R032	R032-1	R032-1-B2	Chip	1606	Discard	1610-1600
R032	R032-1	R032-1-B2	Chip	1542	Discard	1543-1536
R032	R032-1	R032-1-B2	Chip	1454	Discard	1463-1454
R032	R032-1	R032-1-B2	Chip	1374	Discard	1383-1374
R032	R032-1	R032-1-B2	Chip	968		
R032	R032-1	R032-1-B2	Chip	897	Discard	913-884
R032	R032-1	R032-1-B2	Chip	778		
R032	R032-1	R032-1-B2	Chip	754	Discard	769-751
R032	R032-1	R032-1-B2	Chip	699	Discard	705-696
R032	R032-1	R032-1-B3	Chip	3061	Discard	3070-3054
R032	R032-1	R032-1-B3	Chip	3019	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R032	R032-1	R032-1-B3	Chip	2954	Discard	2960-2951
R032	R032-1	R032-1-B3	Chip	2924	Discard	2928-2915
R032	R032-1	R032-1-B3	Chip	2869	Discard	2878-2863
R032	R032-1	R032-1-B3	Chip	2853	Discard	2860-2825
R032	R032-1	R032-1-B3	Chip	2358		
R032	R032-1	R032-1-B3	Chip	2340		
R032	R032-1	R032-1-B3	Chip	2325		
R032	R032-1	R032-1-B3	Chip	1726	Discard	1741-1723
R032	R032-1	R032-1-B3	Chip	1698	Discard	1704-1692
R032	R032-1	R032-1-B3	Chip	1603	Discard	1610-1600
R032	R032-1	R032-1-B3	Chip	1539	Discard	1543-1536
R032	R032-1	R032-1-B3	Chip	1457	Discard	1463-1454
R032	R032-1	R032-1-B3	Chip	1380	Discard	1383-1374
R032	R032-1	R032-1-B3	Chip	910	Discard	913-884
R032	R032-1	R032-1-B3	Chip	769	Discard	769-751
R032	R032-BODY	R032-BODY-B1	Body	3529	Discard	3544-3517
R032	R032-BODY	R032-BODY-B1	Body	3064	Discard	3070-3054
R032	R032-BODY	R032-BODY-B1	Body	3064	Discard	3070-3054
R032	R032-BODY	R032-BODY-B1	Body	3022	Discard	3028-3017
R032	R032-BODY	R032-BODY-B1	Body	2954	Discard	2960-2951
R032	R032-BODY	R032-BODY-B1	Body	2924	Discard	2928-2915
R032	R032-BODY	R032-BODY-B1	Body	2869	Discard	2878-2863
R032	R032-BODY	R032-BODY-B1	Body	2857	Discard	2860-2825
R032	R032-BODY	R032-BODY-B1	Body	2734	Discard	2737-2722
R032	R032-BODY	R032-BODY-B1	Body	2361		
R032	R032-BODY	R032-BODY-B1	Body	1729	Discard	1741-1723
R032	R032-BODY	R032-BODY-B1	Body	1698	Discard	1704-1692
R032	R032-BODY	R032-BODY-B1	Body	1603	Discard	1610-1600
R032	R032-BODY	R032-BODY-B1	Body	1539	Discard	1543-1536
R032	R032-BODY	R032-BODY-B1	Body	1496	Discard	1503-1493
R032	R032-BODY	R032-BODY-B1	Body	1460	Discard	1463-1454
R032	R032-BODY	R032-BODY-B1	Body	1380	Discard	1383-1374
R032	R032-BODY	R032-BODY-B1	Body	1325		
R032	R032-BODY	R032-BODY-B1	Body	1307	Discard	1316-1303
R032	R032-BODY	R032-BODY-B1	Body	1273	Discard	1276-1266
R032	R032-BODY	R032-BODY-B1	Body	1252	Discard	1255-1246
R032	R032-BODY	R032-BODY-B1	Body	894	Discard	913-884
R032	R032-BODY	R032-BODY-B1	Body	757	Discard	769-751
R032	R032-BODY	R032-BODY-B1	Body	702	Discard	705-696
R032	R032-BODY	R032-BODY-B2	Body	3022	Discard	3028-3017
R032	R032-BODY	R032-BODY-B2	Body	2954	Discard	2960-2951
R032	R032-BODY	R032-BODY-B2	Body	2927	Discard	2928-2915

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R032	R032-BODY	R032-BODY-B2	Body	2872	Discard	2878-2863
R032	R032-BODY	R032-BODY-B2	Body	2853	Discard	2860-2825
R032	R032-BODY	R032-BODY-B2	Body	2358		
R032	R032-BODY	R032-BODY-B2	Body	1732	Discard	1741-1723
R032	R032-BODY	R032-BODY-B2	Body	1698	Discard	1704-1692
R032	R032-BODY	R032-BODY-B2	Body	1603	Discard	1610-1600
R032	R032-BODY	R032-BODY-B2	Body	1542	Discard	1543-1536
R032	R032-BODY	R032-BODY-B2	Body	1493	Discard	1503-1493
R032	R032-BODY	R032-BODY-B2	Body	1457	Discard	1463-1454
R032	R032-BODY	R032-BODY-B2	Body	1402		
R032	R032-BODY	R032-BODY-B2	Body	1374	Discard	1383-1374
R032	R032-BODY	R032-BODY-B2	Body	1273	Discard	1276-1266
R032	R032-BODY	R032-BODY-B2	Body	897	Discard	913-884
R032	R032-BODY	R032-BODY-B2	Body	760	Discard	769-751
R032	R032-BODY	R032-BODY-B2	Body	702	Discard	705-696
R032	R032-BODY	R032-BODY-B3	Body	3028	Discard	3028-3017
R032	R032-BODY	R032-BODY-B3	Body	2951	Discard	2960-2951
R032	R032-BODY	R032-BODY-B3	Body	2921	Discard	2928-2915
R032	R032-BODY	R032-BODY-B3	Body	2872	Discard	2878-2863
R032	R032-BODY	R032-BODY-B3	Body	2857	Discard	2860-2825
R032	R032-BODY	R032-BODY-B3	Body	1732	Discard	1741-1723
R032	R032-BODY	R032-BODY-B3	Body	1692	Discard	1704-1692
R032	R032-BODY	R032-BODY-B3	Body	1539	Discard	1543-1536
R032	R032-BODY	R032-BODY-B3	Body	1460	Discard	1463-1454
R032	R032-BODY	R032-BODY-B3	Body	1399		
R032	R032-BODY	R032-BODY-B3	Body	1371		
R032	R032-BODY	R032-BODY-B3	Body	907	Discard	913-884
R032	R032-BODY	R032-BODY-B3	Body	763	Discard	769-751
R033	R033-1	R033-1-B1	Chip	3529	Discard	3544-3517
R033	R033-1	R033-1-B1	Chip	3061	Discard	3070-3054
R033	R033-1	R033-1-B1	Chip	3022	Discard	3028-3017
R033	R033-1	R033-1-B1	Chip	2957	Discard	2960-2951
R033	R033-1	R033-1-B1	Chip	2921	Discard	2928-2915
R033	R033-1	R033-1-B1	Chip	2872	Discard	2878-2863
R033	R033-1	R033-1-B1	Chip	2857	Discard	2860-2825
R033	R033-1	R033-1-B1	Chip	2728	Discard	2737-2722
R033	R033-1	R033-1-B1	Chip	1726	Discard	1741-1723
R033	R033-1	R033-1-B1	Chip	1698	Discard	1704-1692
R033	R033-1	R033-1-B1	Chip	1603	Discard	1610-1600
R033	R033-1	R033-1-B1	Chip	1542	Discard	1543-1536
R033	R033-1	R033-1-B1	Chip	1493	Discard	1503-1493
R033	R033-1	R033-1-B1	Chip	1460	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R033	R033-1	R033-1-B1	Chip	1380	Discard	1383-1374
R033	R033-1	R033-1-B1	Chip	1307	Discard	1316-1303
R033	R033-1	R033-1-B1	Chip	1270	Discard	1276-1266
R033	R033-1	R033-1-B1	Chip	894	Discard	913-884
R033	R033-1	R033-1-B1	Chip	760	Discard	769-751
R033	R033-1	R033-1-B1	Chip	699	Discard	705-696
R033	R033-1	R033-1-B2	Chip	3541	Discard	3544-3517
R033	R033-1	R033-1-B2	Chip	3379	Discard	3413-3281
R033	R033-1	R033-1-B2	Chip	3061	Discard	3070-3054
R033	R033-1	R033-1-B2	Chip	3028	Discard	3028-3017
R033	R033-1	R033-1-B2	Chip	2954	Discard	2960-2951
R033	R033-1	R033-1-B2	Chip	2927	Discard	2928-2915
R033	R033-1	R033-1-B2	Chip	2857	Discard	2860-2825
R033	R033-1	R033-1-B2	Chip	2827	Discard	2860-2825
R033	R033-1	R033-1-B2	Chip	2364		
R033	R033-1	R033-1-B2	Chip	2322		
R033	R033-1	R033-1-B2	Chip	1723	Discard	1741-1723
R033	R033-1	R033-1-B2	Chip	1698	Discard	1704-1692
R033	R033-1	R033-1-B2	Chip	1606	Discard	1610-1600
R033	R033-1	R033-1-B2	Chip	1539	Discard	1543-1536
R033	R033-1	R033-1-B2	Chip	1518		
R033	R033-1	R033-1-B2	Chip	1493	Discard	1503-1493
R033	R033-1	R033-1-B2	Chip	1457	Discard	1463-1454
R033	R033-1	R033-1-B2	Chip	1380	Discard	1383-1374
R033	R033-1	R033-1-B2	Chip	1313	Discard	1316-1303
R033	R033-1	R033-1-B2	Chip	1273	Discard	1276-1266
R033	R033-1	R033-1-B2	Chip	1252	Discard	1255-1246
R033	R033-1	R033-1-B2	Chip	897	Discard	913-884
R033	R033-1	R033-1-B2	Chip	757	Discard	769-751
R033	R033-1	R033-1-B2	Chip	699	Discard	705-696
R033	R033-1	R033-1-B3	Chip	3070	Discard	3070-3054
R033	R033-1	R033-1-B3	Chip	3019	Discard	3028-3017
R033	R033-1	R033-1-B3	Chip	2954	Discard	2960-2951
R033	R033-1	R033-1-B3	Chip	2924	Discard	2928-2915
R033	R033-1	R033-1-B3	Chip	2869	Discard	2878-2863
R033	R033-1	R033-1-B3	Chip	2857	Discard	2860-2825
R033	R033-1	R033-1-B3	Chip	2827	Discard	2860-2825
R033	R033-1	R033-1-B3	Chip	1726	Discard	1741-1723
R033	R033-1	R033-1-B3	Chip	1701	Discard	1704-1692
R033	R033-1	R033-1-B3	Chip	1603	Discard	1610-1600
R033	R033-1	R033-1-B3	Chip	1536	Discard	1543-1536
R033	R033-1	R033-1-B3	Chip	1515		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R033	R033-1	R033-1-B3	Chip	1493	Discard	1503-1493
R033	R033-1	R033-1-B3	Chip	1457	Discard	1463-1454
R033	R033-1	R033-1-B3	Chip	1377	Discard	1383-1374
R033	R033-1	R033-1-B3	Chip	1310	Discard	1316-1303
R033	R033-1	R033-1-B3	Chip	1273	Discard	1276-1266
R033	R033-1	R033-1-B3	Chip	1252	Discard	1255-1246
R033	R033-1	R033-1-B3	Chip	894	Discard	913-884
R033	R033-1	R033-1-B3	Chip	760	Discard	769-751
R033	R033-1	R033-1-B3	Chip	702	Discard	705-696
R033	R033-BODY	R033-BODY-B1	Body	3382	Discard	3413-3281
R033	R033-BODY	R033-BODY-B1	Body	3067	Discard	3070-3054
R033	R033-BODY	R033-BODY-B1	Body	3022	Discard	3028-3017
R033	R033-BODY	R033-BODY-B1	Body	2951	Discard	2960-2951
R033	R033-BODY	R033-BODY-B1	Body	2921	Discard	2928-2915
R033	R033-BODY	R033-BODY-B1	Body	2872	Discard	2878-2863
R033	R033-BODY	R033-BODY-B1	Body	2853	Discard	2860-2825
R033	R033-BODY	R033-BODY-B1	Body	2734	Discard	2737-2722
R033	R033-BODY	R033-BODY-B1	Body	2355		
R033	R033-BODY	R033-BODY-B1	Body	1866		
R033	R033-BODY	R033-BODY-B1	Body	1729	Discard	1741-1723
R033	R033-BODY	R033-BODY-B1	Body	1698	Discard	1704-1692
R033	R033-BODY	R033-BODY-B1	Body	1610	Discard	1610-1600
R033	R033-BODY	R033-BODY-B1	Body	1539	Discard	1543-1536
R033	R033-BODY	R033-BODY-B1	Body	1496	Discard	1503-1493
R033	R033-BODY	R033-BODY-B1	Body	1457	Discard	1463-1454
R033	R033-BODY	R033-BODY-B1	Body	1377	Discard	1383-1374
R033	R033-BODY	R033-BODY-B1	Body	1307	Discard	1316-1303
R033	R033-BODY	R033-BODY-B1	Body	1267	Discard	1276-1266
R033	R033-BODY	R033-BODY-B1	Body	1163		
R033	R033-BODY	R033-BODY-B1	Body	1029		
R033	R033-BODY	R033-BODY-B1	Body	904	Discard	913-884
R033	R033-BODY	R033-BODY-B1	Body	797		
R033	R033-BODY	R033-BODY-B1	Body	755	Discard	769-751
R033	R033-BODY	R033-BODY-B1	Body	696	Discard	705-696
R033	R033-BODY	R033-BODY-B2	Body	3544	Discard	3544-3517
R033	R033-BODY	R033-BODY-B2	Body	3067	Discard	3070-3054
R033	R033-BODY	R033-BODY-B2	Body	3022	Discard	3028-3017
R033	R033-BODY	R033-BODY-B2	Body	2954	Discard	2960-2951
R033	R033-BODY	R033-BODY-B2	Body	2921	Discard	2928-2915
R033	R033-BODY	R033-BODY-B2	Body	2878	Discard	2878-2863
R033	R033-BODY	R033-BODY-B2	Body	2869	Discard	2878-2863
R033	R033-BODY	R033-BODY-B2	Body	2850	Discard	2860-2825

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R033	R033-BODY	R033-BODY-B2	Body	1732	Discard	1741-1723
R033	R033-BODY	R033-BODY-B2	Body	1695	Discard	1704-1692
R033	R033-BODY	R033-BODY-B2	Body	1600	Discard	1610-1600
R033	R033-BODY	R033-BODY-B2	Body	1536	Discard	1543-1536
R033	R033-BODY	R033-BODY-B2	Body	1457	Discard	1463-1454
R033	R033-BODY	R033-BODY-B2	Body	1377	Discard	1383-1374
R033	R033-BODY	R033-BODY-B2	Body	1307	Discard	1316-1303
R033	R033-BODY	R033-BODY-B2	Body	1273	Discard	1276-1266
R033	R033-BODY	R033-BODY-B2	Body	1249	Discard	1255-1246
R033	R033-BODY	R033-BODY-B2	Body	1010		
R033	R033-BODY	R033-BODY-B2	Body	971		
R033	R033-BODY	R033-BODY-B2	Body	891	Discard	913-884
R033	R033-BODY	R033-BODY-B2	Body	800		
R033	R033-BODY	R033-BODY-B2	Body	755	Discard	769-751
R033	R033-BODY	R033-BODY-B2	Body	699	Discard	705-696
R033	R033-BODY	R033-BODY-B3	Body	3413	Discard	3413-3281
R033	R033-BODY	R033-BODY-B3	Body	3064	Discard	3070-3054
R033	R033-BODY	R033-BODY-B3	Body	3019	Discard	3028-3017
R033	R033-BODY	R033-BODY-B3	Body	2954	Discard	2960-2951
R033	R033-BODY	R033-BODY-B3	Body	2921	Discard	2928-2915
R033	R033-BODY	R033-BODY-B3	Body	2872	Discard	2878-2863
R033	R033-BODY	R033-BODY-B3	Body	2857	Discard	2860-2825
R033	R033-BODY	R033-BODY-B3	Body	2728	Discard	2737-2722
R033	R033-BODY	R033-BODY-B3	Body	2328		
R033	R033-BODY	R033-BODY-B3	Body	1729	Discard	1741-1723
R033	R033-BODY	R033-BODY-B3	Body	1698	Discard	1704-1692
R033	R033-BODY	R033-BODY-B3	Body	1600	Discard	1610-1600
R033	R033-BODY	R033-BODY-B3	Body	1539	Discard	1543-1536
R033	R033-BODY	R033-BODY-B3	Body	1496	Discard	1503-1493
R033	R033-BODY	R033-BODY-B3	Body	1454	Discard	1463-1454
R033	R033-BODY	R033-BODY-B3	Body	1380	Discard	1383-1374
R033	R033-BODY	R033-BODY-B3	Body	1307	Discard	1316-1303
R033	R033-BODY	R033-BODY-B3	Body	1267	Discard	1276-1266
R033	R033-BODY	R033-BODY-B3	Body	1252	Discard	1255-1246
R033	R033-BODY	R033-BODY-B3	Body	1023		
R033	R033-BODY	R033-BODY-B3	Body	977		
R033	R033-BODY	R033-BODY-B3	Body	891	Discard	913-884
R033	R033-BODY	R033-BODY-B3	Body	800		
R033	R033-BODY	R033-BODY-B3	Body	699	Discard	705-696
R034	R034-1	R034-1-B1	Chip	3523	Discard	3544-3517
R034	R034-1	R034-1-B1	Chip	3061	Discard	3070-3054
R034	R034-1	R034-1-B1	Chip	3025	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R034	R034-1	R034-1-B1	Chip	2951	Discard	2960-2951
R034	R034-1	R034-1-B1	Chip	2924	Discard	2928-2915
R034	R034-1	R034-1-B1	Chip	2869	Discard	2878-2863
R034	R034-1	R034-1-B1	Chip	2857	Discard	2860-2825
R034	R034-1	R034-1-B1	Chip	2728	Discard	2737-2722
R034	R034-1	R034-1-B1	Chip	1726	Discard	1741-1723
R034	R034-1	R034-1-B1	Chip	1701	Discard	1704-1692
R034	R034-1	R034-1-B1	Chip	1603	Discard	1610-1600
R034	R034-1	R034-1-B1	Chip	1539	Discard	1543-1536
R034	R034-1	R034-1-B1	Chip	1496	Discard	1503-1493
R034	R034-1	R034-1-B1	Chip	1454	Discard	1463-1454
R034	R034-1	R034-1-B1	Chip	1377	Discard	1383-1374
R034	R034-1	R034-1-B1	Chip	1307	Discard	1316-1303
R034	R034-1	R034-1-B1	Chip	1270	Discard	1276-1266
R034	R034-1	R034-1-B1	Chip	1252	Discard	1255-1246
R034	R034-1	R034-1-B1	Chip	888	Discard	913-884
R034	R034-1	R034-1-B1	Chip	775		
R034	R034-1	R034-1-B1	Chip	757	Discard	769-751
R034	R034-1	R034-1-B1	Chip	699	Discard	705-696
R034	R034-1	R034-1-B2	Chip	3067	Discard	3070-3054
R034	R034-1	R034-1-B2	Chip	3043		
R034	R034-1	R034-1-B2	Chip	3022	Discard	3028-3017
R034	R034-1	R034-1-B2	Chip	2951	Discard	2960-2951
R034	R034-1	R034-1-B2	Chip	2924	Discard	2928-2915
R034	R034-1	R034-1-B2	Chip	2872	Discard	2878-2863
R034	R034-1	R034-1-B2	Chip	2857	Discard	2860-2825
R034	R034-1	R034-1-B2	Chip	2387		
R034	R034-1	R034-1-B2	Chip	1726	Discard	1741-1723
R034	R034-1	R034-1-B2	Chip	1698	Discard	1704-1692
R034	R034-1	R034-1-B2	Chip	1603	Discard	1610-1600
R034	R034-1	R034-1-B2	Chip	1539	Discard	1543-1536
R034	R034-1	R034-1-B2	Chip	1493	Discard	1503-1493
R034	R034-1	R034-1-B2	Chip	1460	Discard	1463-1454
R034	R034-1	R034-1-B2	Chip	1380	Discard	1383-1374
R034	R034-1	R034-1-B2	Chip	1307	Discard	1316-1303
R034	R034-1	R034-1-B2	Chip	1270	Discard	1276-1266
R034	R034-1	R034-1-B2	Chip	1252	Discard	1255-1246
R034	R034-1	R034-1-B2	Chip	971		
R034	R034-1	R034-1-B2	Chip	891	Discard	913-884
R034	R034-1	R034-1-B2	Chip	775		
R034	R034-1	R034-1-B2	Chip	699	Discard	705-696
R034	R034-1	R034-1-B3	Chip	3049		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R034	R034-1	R034-1-B3	Chip	3025	Discard	3028-3017
R034	R034-1	R034-1-B3	Chip	2954	Discard	2960-2951
R034	R034-1	R034-1-B3	Chip	2921	Discard	2928-2915
R034	R034-1	R034-1-B3	Chip	2869	Discard	2878-2863
R034	R034-1	R034-1-B3	Chip	2850	Discard	2860-2825
R034	R034-1	R034-1-B3	Chip	2728	Discard	2737-2722
R034	R034-1	R034-1-B3	Chip	1723	Discard	1741-1723
R034	R034-1	R034-1-B3	Chip	1695	Discard	1704-1692
R034	R034-1	R034-1-B3	Chip	1603	Discard	1610-1600
R034	R034-1	R034-1-B3	Chip	1539	Discard	1543-1536
R034	R034-1	R034-1-B3	Chip	1496	Discard	1503-1493
R034	R034-1	R034-1-B3	Chip	1457	Discard	1463-1454
R034	R034-1	R034-1-B3	Chip	1377	Discard	1383-1374
R034	R034-1	R034-1-B3	Chip	1310	Discard	1316-1303
R034	R034-1	R034-1-B3	Chip	1270	Discard	1276-1266
R034	R034-1	R034-1-B3	Chip	1249	Discard	1255-1246
R034	R034-1	R034-1-B3	Chip	974		
R034	R034-1	R034-1-B3	Chip	894	Discard	913-884
R034	R034-1	R034-1-B3	Chip	800		
R034	R034-1	R034-1-B3	Chip	781		
R034	R034-1	R034-1-B3	Chip	702	Discard	705-696
R034	R034-2	R034-2-B1	Chip	3324	Discard	3413-3281
R034	R034-2	R034-2-B1	Chip	3046		
R034	R034-2	R034-2-B1	Chip	3025	Discard	3028-3017
R034	R034-2	R034-2-B1	Chip	2957	Discard	2960-2951
R034	R034-2	R034-2-B1	Chip	2924	Discard	2928-2915
R034	R034-2	R034-2-B1	Chip	2869	Discard	2878-2863
R034	R034-2	R034-2-B1	Chip	2857	Discard	2860-2825
R034	R034-2	R034-2-B1	Chip	2725	Discard	2737-2722
R034	R034-2	R034-2-B1	Chip	1735	Discard	1741-1723
R034	R034-2	R034-2-B1	Chip	1701	Discard	1704-1692
R034	R034-2	R034-2-B1	Chip	1603	Discard	1610-1600
R034	R034-2	R034-2-B1	Chip	1539	Discard	1543-1536
R034	R034-2	R034-2-B1	Chip	1515		
R034	R034-2	R034-2-B1	Chip	1496	Discard	1503-1493
R034	R034-2	R034-2-B1	Chip	1457	Discard	1463-1454
R034	R034-2	R034-2-B1	Chip	1377	Discard	1383-1374
R034	R034-2	R034-2-B1	Chip	1325		
R034	R034-2	R034-2-B1	Chip	1310	Discard	1316-1303
R034	R034-2	R034-2-B1	Chip	1273	Discard	1276-1266
R034	R034-2	R034-2-B1	Chip	1249	Discard	1255-1246
R034	R034-2	R034-2-B1	Chip	1026		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R034	R034-2	R034-2-B1	Chip	992		
R034	R034-2	R034-2-B1	Chip	968		
R034	R034-2	R034-2-B1	Chip	888	Discard	913-884
R034	R034-2	R034-2-B1	Chip	748		
R034	R034-2	R034-2-B1	Chip	702	Discard	705-696
R034	R034-2	R034-2-B2	Chip	3067	Discard	3070-3054
R034	R034-2	R034-2-B2	Chip	3022	Discard	3028-3017
R034	R034-2	R034-2-B2	Chip	2957	Discard	2960-2951
R034	R034-2	R034-2-B2	Chip	2924	Discard	2928-2915
R034	R034-2	R034-2-B2	Chip	2869	Discard	2878-2863
R034	R034-2	R034-2-B2	Chip	2857	Discard	2860-2825
R034	R034-2	R034-2-B2	Chip	1729	Discard	1741-1723
R034	R034-2	R034-2-B2	Chip	1698	Discard	1704-1692
R034	R034-2	R034-2-B2	Chip	1606	Discard	1610-1600
R034	R034-2	R034-2-B2	Chip	1539	Discard	1543-1536
R034	R034-2	R034-2-B2	Chip	1496	Discard	1503-1493
R034	R034-2	R034-2-B2	Chip	1460	Discard	1463-1454
R034	R034-2	R034-2-B2	Chip	1377	Discard	1383-1374
R034	R034-2	R034-2-B2	Chip	904	Discard	913-884
R034	R034-2	R034-2-B2	Chip	766	Discard	769-751
R034	R034-2	R034-2-B2	Chip	699	Discard	705-696
R034	R034-2	R034-2-B3	Chip	3019	Discard	3028-3017
R034	R034-2	R034-2-B3	Chip	2957	Discard	2960-2951
R034	R034-2	R034-2-B3	Chip	2927	Discard	2928-2915
R034	R034-2	R034-2-B3	Chip	2875	Discard	2878-2863
R034	R034-2	R034-2-B3	Chip	2853	Discard	2860-2825
R034	R034-2	R034-2-B3	Chip	1729	Discard	1741-1723
R034	R034-2	R034-2-B3	Chip	1692	Discard	1704-1692
R034	R034-2	R034-2-B3	Chip	1606	Discard	1610-1600
R034	R034-2	R034-2-B3	Chip	1539	Discard	1543-1536
R034	R034-2	R034-2-B3	Chip	1457	Discard	1463-1454
R034	R034-2	R034-2-B3	Chip	1380	Discard	1383-1374
R034	R034-2	R034-2-B3	Chip	904	Discard	913-884
R034	R034-2	R034-2-B3	Chip	766	Discard	769-751
R034	R034-2	R034-2-B3	Chip	699	Discard	705-696
R034	R034-3	R034-3-B1	Chip	3373	Discard	3413-3281
R034	R034-3	R034-3-B1	Chip	3064	Discard	3070-3054
R034	R034-3	R034-3-B1	Chip	3019	Discard	3028-3017
R034	R034-3	R034-3-B1	Chip	2954	Discard	2960-2951
R034	R034-3	R034-3-B1	Chip	2924	Discard	2928-2915
R034	R034-3	R034-3-B1	Chip	2872	Discard	2878-2863
R034	R034-3	R034-3-B1	Chip	2853	Discard	2860-2825

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R034	R034-3	R034-3-B1	Chip	2358		
R034	R034-3	R034-3-B1	Chip	1735	Discard	1741-1723
R034	R034-3	R034-3-B1	Chip	1695	Discard	1704-1692
R034	R034-3	R034-3-B1	Chip	1603	Discard	1610-1600
R034	R034-3	R034-3-B1	Chip	1536	Discard	1543-1536
R034	R034-3	R034-3-B1	Chip	1500	Discard	1503-1493
R034	R034-3	R034-3-B1	Chip	1457	Discard	1463-1454
R034	R034-3	R034-3-B1	Chip	1380	Discard	1383-1374
R034	R034-3	R034-3-B1	Chip	1307	Discard	1316-1303
R034	R034-3	R034-3-B1	Chip	1276	Discard	1276-1266
R034	R034-3	R034-3-B1	Chip	894	Discard	913-884
R034	R034-3	R034-3-B1	Chip	763	Discard	769-751
R034	R034-3	R034-3-B1	Chip	702	Discard	705-696
R034	R034-3	R034-3-B2	Chip	3022	Discard	3028-3017
R034	R034-3	R034-3-B2	Chip	2954	Discard	2960-2951
R034	R034-3	R034-3-B2	Chip	2924	Discard	2928-2915
R034	R034-3	R034-3-B2	Chip	2869	Discard	2878-2863
R034	R034-3	R034-3-B2	Chip	2853	Discard	2860-2825
R034	R034-3	R034-3-B2	Chip	1738	Discard	1741-1723
R034	R034-3	R034-3-B2	Chip	1695	Discard	1704-1692
R034	R034-3	R034-3-B2	Chip	1600	Discard	1610-1600
R034	R034-3	R034-3-B2	Chip	1496	Discard	1503-1493
R034	R034-3	R034-3-B2	Chip	1460	Discard	1463-1454
R034	R034-3	R034-3-B2	Chip	1374	Discard	1383-1374
R034	R034-3	R034-3-B2	Chip	1310	Discard	1316-1303
R034	R034-3	R034-3-B2	Chip	907	Discard	913-884
R034	R034-3	R034-3-B2	Chip	769	Discard	769-751
R034	R034-3	R034-3-B2	Chip	702	Discard	705-696
R034	R034-3	R034-3-B3	Chip	2957	Discard	2960-2951
R034	R034-3	R034-3-B3	Chip	2927	Discard	2928-2915
R034	R034-3	R034-3-B3	Chip	2875	Discard	2878-2863
R034	R034-3	R034-3-B3	Chip	2860	Discard	2860-2825
R034	R034-3	R034-3-B3	Chip	1457	Discard	1463-1454
R034	R034-3	R034-3-B3	Chip	910	Discard	913-884
R034	R034-3	R034-3-B3	Chip	769	Discard	769-751
R034	R034-BODY	R034-BODY-B1	Body	3523	Discard	3544-3517
R034	R034-BODY	R034-BODY-B1	Body	3064	Discard	3070-3054
R034	R034-BODY	R034-BODY-B1	Body	3022	Discard	3028-3017
R034	R034-BODY	R034-BODY-B1	Body	2951	Discard	2960-2951
R034	R034-BODY	R034-BODY-B1	Body	2924	Discard	2928-2915
R034	R034-BODY	R034-BODY-B1	Body	2869	Discard	2878-2863
R034	R034-BODY	R034-BODY-B1	Body	2857	Discard	2860-2825

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R034	R034-BODY	R034-BODY-B1	Body	2728	Discard	2737-2722
R034	R034-BODY	R034-BODY-B1	Body	2358		
R034	R034-BODY	R034-BODY-B1	Body	2334		
R034	R034-BODY	R034-BODY-B1	Body	1735	Discard	1741-1723
R034	R034-BODY	R034-BODY-B1	Body	1698	Discard	1704-1692
R034	R034-BODY	R034-BODY-B1	Body	1610	Discard	1610-1600
R034	R034-BODY	R034-BODY-B1	Body	1539	Discard	1543-1536
R034	R034-BODY	R034-BODY-B1	Body	1512		
R034	R034-BODY	R034-BODY-B1	Body	1493	Discard	1503-1493
R034	R034-BODY	R034-BODY-B1	Body	1460	Discard	1463-1454
R034	R034-BODY	R034-BODY-B1	Body	1380	Discard	1383-1374
R034	R034-BODY	R034-BODY-B1	Body	1270	Discard	1276-1266
R034	R034-BODY	R034-BODY-B1	Body	1252	Discard	1255-1246
R034	R034-BODY	R034-BODY-B1	Body	1172		
R034	R034-BODY	R034-BODY-B1	Body	1023		
R034	R034-BODY	R034-BODY-B1	Body	965		
R034	R034-BODY	R034-BODY-B1	Body	913	Discard	913-884
R034	R034-BODY	R034-BODY-B1	Body	884	Discard	913-884
R034	R034-BODY	R034-BODY-B1	Body	824		
R034	R034-BODY	R034-BODY-B1	Body	778		
R034	R034-BODY	R034-BODY-B1	Body	751	Discard	769-751
R034	R034-BODY	R034-BODY-B1	Body	699	Discard	705-696
R034	R034-BODY	R034-BODY-B1	Body	662		
R034	R034-BODY	R034-BODY-B2	Body	3070	Discard	3070-3054
R034	R034-BODY	R034-BODY-B2	Body	3025	Discard	3028-3017
R034	R034-BODY	R034-BODY-B2	Body	2951	Discard	2960-2951
R034	R034-BODY	R034-BODY-B2	Body	2927	Discard	2928-2915
R034	R034-BODY	R034-BODY-B2	Body	2869	Discard	2878-2863
R034	R034-BODY	R034-BODY-B2	Body	2857	Discard	2860-2825
R034	R034-BODY	R034-BODY-B2	Body	2731	Discard	2737-2722
R034	R034-BODY	R034-BODY-B2	Body	1732	Discard	1741-1723
R034	R034-BODY	R034-BODY-B2	Body	1701	Discard	1704-1692
R034	R034-BODY	R034-BODY-B2	Body	1603	Discard	1610-1600
R034	R034-BODY	R034-BODY-B2	Body	1542	Discard	1543-1536
R034	R034-BODY	R034-BODY-B2	Body	1496	Discard	1503-1493
R034	R034-BODY	R034-BODY-B2	Body	1457	Discard	1463-1454
R034	R034-BODY	R034-BODY-B2	Body	1377	Discard	1383-1374
R034	R034-BODY	R034-BODY-B2	Body	1307	Discard	1316-1303
R034	R034-BODY	R034-BODY-B2	Body	1270	Discard	1276-1266
R034	R034-BODY	R034-BODY-B2	Body	1249	Discard	1255-1246
R034	R034-BODY	R034-BODY-B2	Body	897	Discard	913-884
R034	R034-BODY	R034-BODY-B2	Body	760	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R034	R034-BODY	R034-BODY-B2	Body	702	Discard	705-696
R034	R034-BODY	R034-BODY-B3	Body	3064	Discard	3070-3054
R034	R034-BODY	R034-BODY-B3	Body	3019	Discard	3028-3017
R034	R034-BODY	R034-BODY-B3	Body	2954	Discard	2960-2951
R034	R034-BODY	R034-BODY-B3	Body	2918	Discard	2928-2915
R034	R034-BODY	R034-BODY-B3	Body	2872	Discard	2878-2863
R034	R034-BODY	R034-BODY-B3	Body	2853	Discard	2860-2825
R034	R034-BODY	R034-BODY-B3	Body	2728	Discard	2737-2722
R034	R034-BODY	R034-BODY-B3	Body	1729	Discard	1741-1723
R034	R034-BODY	R034-BODY-B3	Body	1701	Discard	1704-1692
R034	R034-BODY	R034-BODY-B3	Body	1610	Discard	1610-1600
R034	R034-BODY	R034-BODY-B3	Body	1542	Discard	1543-1536
R034	R034-BODY	R034-BODY-B3	Body	1515		
R034	R034-BODY	R034-BODY-B3	Body	1496	Discard	1503-1493
R034	R034-BODY	R034-BODY-B3	Body	1460	Discard	1463-1454
R034	R034-BODY	R034-BODY-B3	Body	1377	Discard	1383-1374
R034	R034-BODY	R034-BODY-B3	Body	1307	Discard	1316-1303
R034	R034-BODY	R034-BODY-B3	Body	1270	Discard	1276-1266
R034	R034-BODY	R034-BODY-B3	Body	1252	Discard	1255-1246
R034	R034-BODY	R034-BODY-B3	Body	1001		
R034	R034-BODY	R034-BODY-B3	Body	962		
R034	R034-BODY	R034-BODY-B3	Body	889	Discard	913-884
R034	R034-BODY	R034-BODY-B3	Body	778		
R034	R034-BODY	R034-BODY-B3	Body	757	Discard	769-751
R034	R034-BODY	R034-BODY-B3	Body	702	Discard	705-696
R036	R036-1	R036-1-B1	Chip	3061	Discard	3070-3054
R036	R036-1	R036-1-B1	Chip	3019	Discard	3028-3017
R036	R036-1	R036-1-B1	Chip	2957	Discard	2960-2951
R036	R036-1	R036-1-B1	Chip	2927	Discard	2928-2915
R036	R036-1	R036-1-B1	Chip	2872	Discard	2878-2863
R036	R036-1	R036-1-B1	Chip	2857	Discard	2860-2825
R036	R036-1	R036-1-B1	Chip	1701	Discard	1704-1692
R036	R036-1	R036-1-B1	Chip	1603	Discard	1610-1600
R036	R036-1	R036-1-B1	Chip	1539	Discard	1543-1536
R036	R036-1	R036-1-B1	Chip	1496	Discard	1503-1493
R036	R036-1	R036-1-B1	Chip	1457	Discard	1463-1454
R036	R036-1	R036-1-B1	Chip	1377	Discard	1383-1374
R036	R036-1	R036-1-B1	Chip	1307	Discard	1316-1303
R036	R036-1	R036-1-B1	Chip	1270	Discard	1276-1266
R036	R036-1	R036-1-B1	Chip	1252	Discard	1255-1246
R036	R036-1	R036-1-B1	Chip	900	Discard	913-884
R036	R036-1	R036-1-B1	Chip	763	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R036	R036-1	R036-1-B1	Chip	702	Discard	705-696
R036	R036-1	R036-1-B2	Chip	3064	Discard	3070-3054
R036	R036-1	R036-1-B2	Chip	3022	Discard	3028-3017
R036	R036-1	R036-1-B2	Chip	2957	Discard	2960-2951
R036	R036-1	R036-1-B2	Chip	2924	Discard	2928-2915
R036	R036-1	R036-1-B2	Chip	2872	Discard	2878-2863
R036	R036-1	R036-1-B2	Chip	2853	Discard	2860-2825
R036	R036-1	R036-1-B2	Chip	1732	Discard	1741-1723
R036	R036-1	R036-1-B2	Chip	1698	Discard	1704-1692
R036	R036-1	R036-1-B2	Chip	1606	Discard	1610-1600
R036	R036-1	R036-1-B2	Chip	1539	Discard	1543-1536
R036	R036-1	R036-1-B2	Chip	1500	Discard	1503-1493
R036	R036-1	R036-1-B2	Chip	1460	Discard	1463-1454
R036	R036-1	R036-1-B2	Chip	1380	Discard	1383-1374
R036	R036-1	R036-1-B2	Chip	904	Discard	913-884
R036	R036-1	R036-1-B2	Chip	763	Discard	769-751
R036	R036-1	R036-1-B2	Chip	699	Discard	705-696
R036	R036-1	R036-1-B3	Chip	3541	Discard	3544-3517
R036	R036-1	R036-1-B3	Chip	3067	Discard	3070-3054
R036	R036-1	R036-1-B3	Chip	3019	Discard	3028-3017
R036	R036-1	R036-1-B3	Chip	2954	Discard	2960-2951
R036	R036-1	R036-1-B3	Chip	2921	Discard	2928-2915
R036	R036-1	R036-1-B3	Chip	2872	Discard	2878-2863
R036	R036-1	R036-1-B3	Chip	2853	Discard	2860-2825
R036	R036-1	R036-1-B3	Chip	1732	Discard	1741-1723
R036	R036-1	R036-1-B3	Chip	1698	Discard	1704-1692
R036	R036-1	R036-1-B3	Chip	1603	Discard	1610-1600
R036	R036-1	R036-1-B3	Chip	1539	Discard	1543-1536
R036	R036-1	R036-1-B3	Chip	1493	Discard	1503-1493
R036	R036-1	R036-1-B3	Chip	1457	Discard	1463-1454
R036	R036-1	R036-1-B3	Chip	1380	Discard	1383-1374
R036	R036-1	R036-1-B3	Chip	1310	Discard	1316-1303
R036	R036-1	R036-1-B3	Chip	1273	Discard	1276-1266
R036	R036-1	R036-1-B3	Chip	1255	Discard	1255-1246
R036	R036-1	R036-1-B3	Chip	904	Discard	913-884
R036	R036-1	R036-1-B3	Chip	766	Discard	769-751
R036	R036-1	R036-1-B3	Chip	705	Discard	705-696
R036	R036-2	R036-2-B1	Chip	3064	Discard	3070-3054
R036	R036-2	R036-2-B1	Chip	3022	Discard	3028-3017
R036	R036-2	R036-2-B1	Chip	2954	Discard	2960-2951
R036	R036-2	R036-2-B1	Chip	2921	Discard	2928-2915
R036	R036-2	R036-2-B1	Chip	2869	Discard	2878-2863

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R036	R036-2	R036-2-B1	Chip	2857	Discard	2860-2825
R036	R036-2	R036-2-B1	Chip	2728	Discard	2737-2722
R036	R036-2	R036-2-B1	Chip	2358		
R036	R036-2	R036-2-B1	Chip	2325		
R036	R036-2	R036-2-B1	Chip	2159		
R036	R036-2	R036-2-B1	Chip	1979		
R036	R036-2	R036-2-B1	Chip	1729	Discard	1741-1723
R036	R036-2	R036-2-B1	Chip	1698	Discard	1704-1692
R036	R036-2	R036-2-B1	Chip	1606	Discard	1610-1600
R036	R036-2	R036-2-B1	Chip	1539	Discard	1543-1536
R036	R036-2	R036-2-B1	Chip	1518		
R036	R036-2	R036-2-B1	Chip	1496	Discard	1503-1493
R036	R036-2	R036-2-B1	Chip	1460	Discard	1463-1454
R036	R036-2	R036-2-B1	Chip	1380	Discard	1383-1374
R036	R036-2	R036-2-B1	Chip	1310	Discard	1316-1303
R036	R036-2	R036-2-B1	Chip	1270	Discard	1276-1266
R036	R036-2	R036-2-B1	Chip	1249	Discard	1255-1246
R036	R036-2	R036-2-B1	Chip	894	Discard	913-884
R036	R036-2	R036-2-B1	Chip	757	Discard	769-751
R036	R036-2	R036-2-B1	Chip	702	Discard	705-696
R036	R036-2	R036-2-B2	Chip	3538	Discard	3544-3517
R036	R036-2	R036-2-B2	Chip	3067	Discard	3070-3054
R036	R036-2	R036-2-B2	Chip	3025	Discard	3028-3017
R036	R036-2	R036-2-B2	Chip	2954	Discard	2960-2951
R036	R036-2	R036-2-B2	Chip	2924	Discard	2928-2915
R036	R036-2	R036-2-B2	Chip	2869	Discard	2878-2863
R036	R036-2	R036-2-B2	Chip	2857	Discard	2860-2825
R036	R036-2	R036-2-B2	Chip	2731	Discard	2737-2722
R036	R036-2	R036-2-B2	Chip	1723	Discard	1741-1723
R036	R036-2	R036-2-B2	Chip	1701	Discard	1704-1692
R036	R036-2	R036-2-B2	Chip	1603	Discard	1610-1600
R036	R036-2	R036-2-B2	Chip	1539	Discard	1543-1536
R036	R036-2	R036-2-B2	Chip	1512		
R036	R036-2	R036-2-B2	Chip	1493	Discard	1503-1493
R036	R036-2	R036-2-B2	Chip	1460	Discard	1463-1454
R036	R036-2	R036-2-B2	Chip	1377	Discard	1383-1374
R036	R036-2	R036-2-B2	Chip	1307	Discard	1316-1303
R036	R036-2	R036-2-B2	Chip	1273	Discard	1276-1266
R036	R036-2	R036-2-B2	Chip	1249	Discard	1255-1246
R036	R036-2	R036-2-B2	Chip	897	Discard	913-884
R036	R036-2	R036-2-B2	Chip	760	Discard	769-751
R036	R036-2	R036-2-B2	Chip	702	Discard	705-696

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R036	R036-2	R036-2-B3	Chip	3067	Discard	3070-3054
R036	R036-2	R036-2-B3	Chip	3019	Discard	3028-3017
R036	R036-2	R036-2-B3	Chip	2954	Discard	2960-2951
R036	R036-2	R036-2-B3	Chip	2924	Discard	2928-2915
R036	R036-2	R036-2-B3	Chip	2869	Discard	2878-2863
R036	R036-2	R036-2-B3	Chip	2857	Discard	2860-2825
R036	R036-2	R036-2-B3	Chip	2358		
R036	R036-2	R036-2-B3	Chip	1726	Discard	1741-1723
R036	R036-2	R036-2-B3	Chip	1698	Discard	1704-1692
R036	R036-2	R036-2-B3	Chip	1606	Discard	1610-1600
R036	R036-2	R036-2-B3	Chip	1539	Discard	1543-1536
R036	R036-2	R036-2-B3	Chip	1457	Discard	1463-1454
R036	R036-2	R036-2-B3	Chip	1374	Discard	1383-1374
R036	R036-2	R036-2-B3	Chip	1310	Discard	1316-1303
R036	R036-2	R036-2-B3	Chip	1273	Discard	1276-1266
R036	R036-2	R036-2-B3	Chip	907	Discard	913-884
R036	R036-2	R036-2-B3	Chip	766	Discard	769-751
R036	R036-2	R036-2-B3	Chip	699	Discard	705-696
R036	R036-BODY	R036-BODY-B1	Body	3538	Discard	3544-3517
R036	R036-BODY	R036-BODY-B1	Body	3064	Discard	3070-3054
R036	R036-BODY	R036-BODY-B1	Body	3022	Discard	3028-3017
R036	R036-BODY	R036-BODY-B1	Body	2954	Discard	2960-2951
R036	R036-BODY	R036-BODY-B1	Body	2921	Discard	2928-2915
R036	R036-BODY	R036-BODY-B1	Body	2869	Discard	2878-2863
R036	R036-BODY	R036-BODY-B1	Body	2850	Discard	2860-2825
R036	R036-BODY	R036-BODY-B1	Body	2731	Discard	2737-2722
R036	R036-BODY	R036-BODY-B1	Body	1735	Discard	1741-1723
R036	R036-BODY	R036-BODY-B1	Body	1701	Discard	1704-1692
R036	R036-BODY	R036-BODY-B1	Body	1603	Discard	1610-1600
R036	R036-BODY	R036-BODY-B1	Body	1539	Discard	1543-1536
R036	R036-BODY	R036-BODY-B1	Body	1512		
R036	R036-BODY	R036-BODY-B1	Body	1496	Discard	1503-1493
R036	R036-BODY	R036-BODY-B1	Body	1457	Discard	1463-1454
R036	R036-BODY	R036-BODY-B1	Body	1377	Discard	1383-1374
R036	R036-BODY	R036-BODY-B1	Body	1310	Discard	1316-1303
R036	R036-BODY	R036-BODY-B1	Body	1273	Discard	1276-1266
R036	R036-BODY	R036-BODY-B1	Body	1249	Discard	1255-1246
R036	R036-BODY	R036-BODY-B1	Body	897	Discard	913-884
R036	R036-BODY	R036-BODY-B1	Body	760	Discard	769-751
R036	R036-BODY	R036-BODY-B1	Body	705	Discard	705-696
R036	R036-BODY	R036-BODY-B2	Body	3532	Discard	3544-3517
R036	R036-BODY	R036-BODY-B2	Body	3067	Discard	3070-3054

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R036	R036-BODY	R036-BODY-B2	Body	3019	Discard	3028-3017
R036	R036-BODY	R036-BODY-B2	Body	2957	Discard	2960-2951
R036	R036-BODY	R036-BODY-B2	Body	2924	Discard	2928-2915
R036	R036-BODY	R036-BODY-B2	Body	2872	Discard	2878-2863
R036	R036-BODY	R036-BODY-B2	Body	2857	Discard	2860-2825
R036	R036-BODY	R036-BODY-B2	Body	1732	Discard	1741-1723
R036	R036-BODY	R036-BODY-B2	Body	1698	Discard	1704-1692
R036	R036-BODY	R036-BODY-B2	Body	1600	Discard	1610-1600
R036	R036-BODY	R036-BODY-B2	Body	1539	Discard	1543-1536
R036	R036-BODY	R036-BODY-B2	Body	1515		
R036	R036-BODY	R036-BODY-B2	Body	1493	Discard	1503-1493
R036	R036-BODY	R036-BODY-B2	Body	1457	Discard	1463-1454
R036	R036-BODY	R036-BODY-B2	Body	1377	Discard	1383-1374
R036	R036-BODY	R036-BODY-B2	Body	1310	Discard	1316-1303
R036	R036-BODY	R036-BODY-B2	Body	1270	Discard	1276-1266
R036	R036-BODY	R036-BODY-B2	Body	1252	Discard	1255-1246
R036	R036-BODY	R036-BODY-B2	Body	891	Discard	913-884
R036	R036-BODY	R036-BODY-B2	Body	757	Discard	769-751
R036	R036-BODY	R036-BODY-B2	Body	702	Discard	705-696
R037	R037-1	R037-1-B1	Chip	3532	Discard	3544-3517
R037	R037-1	R037-1-B1	Chip	3373	Discard	3413-3281
R037	R037-1	R037-1-B1	Chip	3061	Discard	3070-3054
R037	R037-1	R037-1-B1	Chip	3022	Discard	3028-3017
R037	R037-1	R037-1-B1	Chip	2957	Discard	2960-2951
R037	R037-1	R037-1-B1	Chip	2927	Discard	2928-2915
R037	R037-1	R037-1-B1	Chip	2869	Discard	2878-2863
R037	R037-1	R037-1-B1	Chip	2857	Discard	2860-2825
R037	R037-1	R037-1-B1	Chip	2728	Discard	2737-2722
R037	R037-1	R037-1-B1	Chip	1729	Discard	1741-1723
R037	R037-1	R037-1-B1	Chip	1698	Discard	1704-1692
R037	R037-1	R037-1-B1	Chip	1606	Discard	1610-1600
R037	R037-1	R037-1-B1	Chip	1542	Discard	1543-1536
R037	R037-1	R037-1-B1	Chip	1515		
R037	R037-1	R037-1-B1	Chip	1493	Discard	1503-1493
R037	R037-1	R037-1-B1	Chip	1457	Discard	1463-1454
R037	R037-1	R037-1-B1	Chip	1377	Discard	1383-1374
R037	R037-1	R037-1-B1	Chip	1310	Discard	1316-1303
R037	R037-1	R037-1-B1	Chip	1273	Discard	1276-1266
R037	R037-1	R037-1-B1	Chip	1252	Discard	1255-1246
R037	R037-1	R037-1-B1	Chip	900	Discard	913-884
R037	R037-1	R037-1-B1	Chip	760	Discard	769-751
R037	R037-1	R037-1-B1	Chip	699	Discard	705-696

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R037	R037-1	R037-1-B2	Chip	3061	Discard	3070-3054
R037	R037-1	R037-1-B2	Chip	3025	Discard	3028-3017
R037	R037-1	R037-1-B2	Chip	2957	Discard	2960-2951
R037	R037-1	R037-1-B2	Chip	2927	Discard	2928-2915
R037	R037-1	R037-1-B2	Chip	2869	Discard	2878-2863
R037	R037-1	R037-1-B2	Chip	2853	Discard	2860-2825
R037	R037-1	R037-1-B2	Chip	1741	Discard	1741-1723
R037	R037-1	R037-1-B2	Chip	1698	Discard	1704-1692
R037	R037-1	R037-1-B2	Chip	1542	Discard	1543-1536
R037	R037-1	R037-1-B2	Chip	1463	Discard	1463-1454
R037	R037-1	R037-1-B2	Chip	1380	Discard	1383-1374
R037	R037-1	R037-1-B2	Chip	907	Discard	913-884
R037	R037-1	R037-1-B2	Chip	766	Discard	769-751
R037	R037-1	R037-1-B2	Chip	696	Discard	705-696
R037	R037-1	R037-1-B3	Chip	3529	Discard	3544-3517
R037	R037-1	R037-1-B3	Chip	3061	Discard	3070-3054
R037	R037-1	R037-1-B3	Chip	3025	Discard	3028-3017
R037	R037-1	R037-1-B3	Chip	2954	Discard	2960-2951
R037	R037-1	R037-1-B3	Chip	2921	Discard	2928-2915
R037	R037-1	R037-1-B3	Chip	2872	Discard	2878-2863
R037	R037-1	R037-1-B3	Chip	2857	Discard	2860-2825
R037	R037-1	R037-1-B3	Chip	1735	Discard	1741-1723
R037	R037-1	R037-1-B3	Chip	1701	Discard	1704-1692
R037	R037-1	R037-1-B3	Chip	1603	Discard	1610-1600
R037	R037-1	R037-1-B3	Chip	1542	Discard	1543-1536
R037	R037-1	R037-1-B3	Chip	1493	Discard	1503-1493
R037	R037-1	R037-1-B3	Chip	1460	Discard	1463-1454
R037	R037-1	R037-1-B3	Chip	1380	Discard	1383-1374
R037	R037-1	R037-1-B3	Chip	1310	Discard	1316-1303
R037	R037-1	R037-1-B3	Chip	1276	Discard	1276-1266
R037	R037-1	R037-1-B3	Chip	907	Discard	913-884
R037	R037-1	R037-1-B3	Chip	763	Discard	769-751
R037	R037-1	R037-1-B3	Chip	699	Discard	705-696
R037	R037-BODY	R037-BODY-B1	Body	3358	Discard	3413-3281
R037	R037-BODY	R037-BODY-B1	Body	3067	Discard	3070-3054
R037	R037-BODY	R037-BODY-B1	Body	3025	Discard	3028-3017
R037	R037-BODY	R037-BODY-B1	Body	2957	Discard	2960-2951
R037	R037-BODY	R037-BODY-B1	Body	2869	Discard	2878-2863
R037	R037-BODY	R037-BODY-B1	Body	2857	Discard	2860-2825
R037	R037-BODY	R037-BODY-B1	Body	1726	Discard	1741-1723
R037	R037-BODY	R037-BODY-B1	Body	1695	Discard	1704-1692
R037	R037-BODY	R037-BODY-B1	Body	1603	Discard	1610-1600

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R037	R037-BODY	R037-BODY-B1	Body	1539	Discard	1543-1536
R037	R037-BODY	R037-BODY-B1	Body	1496	Discard	1503-1493
R037	R037-BODY	R037-BODY-B1	Body	1460	Discard	1463-1454
R037	R037-BODY	R037-BODY-B1	Body	1377	Discard	1383-1374
R037	R037-BODY	R037-BODY-B1	Body	1310	Discard	1316-1303
R037	R037-BODY	R037-BODY-B1	Body	1270	Discard	1276-1266
R037	R037-BODY	R037-BODY-B1	Body	1252	Discard	1255-1246
R037	R037-BODY	R037-BODY-B1	Body	894	Discard	913-884
R037	R037-BODY	R037-BODY-B1	Body	757	Discard	769-751
R037	R037-BODY	R037-BODY-B1	Body	702	Discard	705-696
R037	R037-BODY	R037-BODY-B2	Body	3067	Discard	3070-3054
R037	R037-BODY	R037-BODY-B2	Body	3022	Discard	3028-3017
R037	R037-BODY	R037-BODY-B2	Body	2954	Discard	2960-2951
R037	R037-BODY	R037-BODY-B2	Body	2924	Discard	2928-2915
R037	R037-BODY	R037-BODY-B2	Body	2869	Discard	2878-2863
R037	R037-BODY	R037-BODY-B2	Body	2857	Discard	2860-2825
R037	R037-BODY	R037-BODY-B2	Body	1726	Discard	1741-1723
R037	R037-BODY	R037-BODY-B2	Body	1698	Discard	1704-1692
R037	R037-BODY	R037-BODY-B2	Body	1606	Discard	1610-1600
R037	R037-BODY	R037-BODY-B2	Body	1539	Discard	1543-1536
R037	R037-BODY	R037-BODY-B2	Body	1457	Discard	1463-1454
R037	R037-BODY	R037-BODY-B2	Body	1377	Discard	1383-1374
R037	R037-BODY	R037-BODY-B2	Body	1313	Discard	1316-1303
R037	R037-BODY	R037-BODY-B2	Body	1270	Discard	1276-1266
R037	R037-BODY	R037-BODY-B2	Body	904	Discard	913-884
R037	R037-BODY	R037-BODY-B2	Body	769	Discard	769-751
R037	R037-BODY	R037-BODY-B2	Body	702	Discard	705-696
R037	R037-BODY	R037-BODY-B3	Body	3067	Discard	3070-3054
R037	R037-BODY	R037-BODY-B3	Body	3025	Discard	3028-3017
R037	R037-BODY	R037-BODY-B3	Body	3022	Discard	3028-3017
R037	R037-BODY	R037-BODY-B3	Body	2957	Discard	2960-2951
R037	R037-BODY	R037-BODY-B3	Body	2954	Discard	2960-2951
R037	R037-BODY	R037-BODY-B3	Body	2924	Discard	2928-2915
R037	R037-BODY	R037-BODY-B3	Body	2924	Discard	2928-2915
R037	R037-BODY	R037-BODY-B3	Body	2872	Discard	2878-2863
R037	R037-BODY	R037-BODY-B3	Body	2869	Discard	2878-2863
R037	R037-BODY	R037-BODY-B3	Body	2857	Discard	2860-2825
R037	R037-BODY	R037-BODY-B3	Body	2853	Discard	2860-2825
R037	R037-BODY	R037-BODY-B3	Body	1726	Discard	1741-1723
R037	R037-BODY	R037-BODY-B3	Body	1726	Discard	1741-1723
R037	R037-BODY	R037-BODY-B3	Body	1701	Discard	1704-1692
R037	R037-BODY	R037-BODY-B3	Body	1698	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R037	R037-BODY	R037-BODY-B3	Body	1606	Discard	1610-1600
R037	R037-BODY	R037-BODY-B3	Body	1539	Discard	1543-1536
R037	R037-BODY	R037-BODY-B3	Body	1539	Discard	1543-1536
R037	R037-BODY	R037-BODY-B3	Body	1493	Discard	1503-1493
R037	R037-BODY	R037-BODY-B3	Body	1457	Discard	1463-1454
R037	R037-BODY	R037-BODY-B3	Body	1457	Discard	1463-1454
R037	R037-BODY	R037-BODY-B3	Body	1377	Discard	1383-1374
R037	R037-BODY	R037-BODY-B3	Body	1377	Discard	1383-1374
R037	R037-BODY	R037-BODY-B3	Body	1313	Discard	1316-1303
R037	R037-BODY	R037-BODY-B3	Body	1270	Discard	1276-1266
R037	R037-BODY	R037-BODY-B3	Body	1270	Discard	1276-1266
R037	R037-BODY	R037-BODY-B3	Body	907	Discard	913-884
R037	R037-BODY	R037-BODY-B3	Body	904	Discard	913-884
R037	R037-BODY	R037-BODY-B3	Body	769	Discard	769-751
R037	R037-BODY	R037-BODY-B3	Body	769	Discard	769-751
R037	R037-BODY	R037-BODY-B3	Body	702	Discard	705-696
R037	R037-BODY	R037-BODY-B3	Body	702	Discard	705-696
R039	R039-1	R039-1-B1	Chip	3061	Discard	3070-3054
R039	R039-1	R039-1-B1	Chip	3022	Discard	3028-3017
R039	R039-1	R039-1-B1	Chip	2954	Discard	2960-2951
R039	R039-1	R039-1-B1	Chip	2924	Discard	2928-2915
R039	R039-1	R039-1-B1	Chip	2875	Discard	2878-2863
R039	R039-1	R039-1-B1	Chip	2857	Discard	2860-2825
R039	R039-1	R039-1-B1	Chip	1726	Discard	1741-1723
R039	R039-1	R039-1-B1	Chip	1701	Discard	1704-1692
R039	R039-1	R039-1-B1	Chip	1603	Discard	1610-1600
R039	R039-1	R039-1-B1	Chip	1539	Discard	1543-1536
R039	R039-1	R039-1-B1	Chip	1493	Discard	1503-1493
R039	R039-1	R039-1-B1	Chip	1460	Discard	1463-1454
R039	R039-1	R039-1-B1	Chip	1377	Discard	1383-1374
R039	R039-1	R039-1-B1	Chip	1307	Discard	1316-1303
R039	R039-1	R039-1-B1	Chip	1270	Discard	1276-1266
R039	R039-1	R039-1-B1	Chip	1246	Discard	1255-1246
R039	R039-1	R039-1-B1	Chip	897	Discard	913-884
R039	R039-1	R039-1-B1	Chip	763	Discard	769-751
R039	R039-1	R039-1-B1	Chip	702	Discard	705-696
R039	R039-1	R039-1-B2	Chip	3535	Discard	3544-3517
R039	R039-1	R039-1-B2	Chip	3058	Discard	3070-3054
R039	R039-1	R039-1-B2	Chip	3025	Discard	3028-3017
R039	R039-1	R039-1-B2	Chip	2951	Discard	2960-2951
R039	R039-1	R039-1-B2	Chip	2924	Discard	2928-2915
R039	R039-1	R039-1-B2	Chip	2866	Discard	2878-2863

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R039	R039-1	R039-1-B2	Chip	2857	Discard	2860-2825
R039	R039-1	R039-1-B2	Chip	2731	Discard	2737-2722
R039	R039-1	R039-1-B2	Chip	1726	Discard	1741-1723
R039	R039-1	R039-1-B2	Chip	1701	Discard	1704-1692
R039	R039-1	R039-1-B2	Chip	1606	Discard	1610-1600
R039	R039-1	R039-1-B2	Chip	1539	Discard	1543-1536
R039	R039-1	R039-1-B2	Chip	1493	Discard	1503-1493
R039	R039-1	R039-1-B2	Chip	1460	Discard	1463-1454
R039	R039-1	R039-1-B2	Chip	1377	Discard	1383-1374
R039	R039-1	R039-1-B2	Chip	1310	Discard	1316-1303
R039	R039-1	R039-1-B2	Chip	1270	Discard	1276-1266
R039	R039-1	R039-1-B2	Chip	1252	Discard	1255-1246
R039	R039-1	R039-1-B2	Chip	897	Discard	913-884
R039	R039-1	R039-1-B2	Chip	760	Discard	769-751
R039	R039-1	R039-1-B2	Chip	705	Discard	705-696
R039	R039-1	R039-1-B3	Chip	2954	Discard	2960-2951
R039	R039-1	R039-1-B3	Chip	2921	Discard	2928-2915
R039	R039-1	R039-1-B3	Chip	2872	Discard	2878-2863
R039	R039-1	R039-1-B3	Chip	2853	Discard	2860-2825
R039	R039-1	R039-1-B3	Chip	1726	Discard	1741-1723
R039	R039-1	R039-1-B3	Chip	1698	Discard	1704-1692
R039	R039-1	R039-1-B3	Chip	1606	Discard	1610-1600
R039	R039-1	R039-1-B3	Chip	1539	Discard	1543-1536
R039	R039-1	R039-1-B3	Chip	1496	Discard	1503-1493
R039	R039-1	R039-1-B3	Chip	1460	Discard	1463-1454
R039	R039-1	R039-1-B3	Chip	1377	Discard	1383-1374
R039	R039-1	R039-1-B3	Chip	1310	Discard	1316-1303
R039	R039-1	R039-1-B3	Chip	1270	Discard	1276-1266
R039	R039-1	R039-1-B3	Chip	1249	Discard	1255-1246
R039	R039-1	R039-1-B3	Chip	900	Discard	913-884
R039	R039-1	R039-1-B3	Chip	763	Discard	769-751
R039	R039-1	R039-1-B3	Chip	702	Discard	705-696
R039	R039-BODY	R039-BODY-B1	Body	3535	Discard	3544-3517
R039	R039-BODY	R039-BODY-B1	Body	3382	Discard	3413-3281
R039	R039-BODY	R039-BODY-B1	Body	3064	Discard	3070-3054
R039	R039-BODY	R039-BODY-B1	Body	3031		
R039	R039-BODY	R039-BODY-B1	Body	2954	Discard	2960-2951
R039	R039-BODY	R039-BODY-B1	Body	2924	Discard	2928-2915
R039	R039-BODY	R039-BODY-B1	Body	2872	Discard	2878-2863
R039	R039-BODY	R039-BODY-B1	Body	2853	Discard	2860-2825
R039	R039-BODY	R039-BODY-B1	Body	1726	Discard	1741-1723
R039	R039-BODY	R039-BODY-B1	Body	1695	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R039	R039-BODY	R039-BODY-B1	Body	1606	Discard	1610-1600
R039	R039-BODY	R039-BODY-B1	Body	1539	Discard	1543-1536
R039	R039-BODY	R039-BODY-B1	Body	1496	Discard	1503-1493
R039	R039-BODY	R039-BODY-B1	Body	1457	Discard	1463-1454
R039	R039-BODY	R039-BODY-B1	Body	1377	Discard	1383-1374
R039	R039-BODY	R039-BODY-B1	Body	1307	Discard	1316-1303
R039	R039-BODY	R039-BODY-B1	Body	1273	Discard	1276-1266
R039	R039-BODY	R039-BODY-B1	Body	1249	Discard	1255-1246
R039	R039-BODY	R039-BODY-B1	Body	900	Discard	913-884
R039	R039-BODY	R039-BODY-B1	Body	766	Discard	769-751
R039	R039-BODY	R039-BODY-B1	Body	702	Discard	705-696
R039	R039-BODY	R039-BODY-B2	Body	3364	Discard	3413-3281
R039	R039-BODY	R039-BODY-B2	Body	3058	Discard	3070-3054
R039	R039-BODY	R039-BODY-B2	Body	3025	Discard	3028-3017
R039	R039-BODY	R039-BODY-B2	Body	2954	Discard	2960-2951
R039	R039-BODY	R039-BODY-B2	Body	2927	Discard	2928-2915
R039	R039-BODY	R039-BODY-B2	Body	2872	Discard	2878-2863
R039	R039-BODY	R039-BODY-B2	Body	2853	Discard	2860-2825
R039	R039-BODY	R039-BODY-B2	Body	1729	Discard	1741-1723
R039	R039-BODY	R039-BODY-B2	Body	1701	Discard	1704-1692
R039	R039-BODY	R039-BODY-B2	Body	1606	Discard	1610-1600
R039	R039-BODY	R039-BODY-B2	Body	1539	Discard	1543-1536
R039	R039-BODY	R039-BODY-B2	Body	1496	Discard	1503-1493
R039	R039-BODY	R039-BODY-B2	Body	1460	Discard	1463-1454
R039	R039-BODY	R039-BODY-B2	Body	1405		
R039	R039-BODY	R039-BODY-B2	Body	1377	Discard	1383-1374
R039	R039-BODY	R039-BODY-B2	Body	1313	Discard	1316-1303
R039	R039-BODY	R039-BODY-B2	Body	1267	Discard	1276-1266
R039	R039-BODY	R039-BODY-B2	Body	1246	Discard	1255-1246
R039	R039-BODY	R039-BODY-B2	Body	897	Discard	913-884
R039	R039-BODY	R039-BODY-B2	Body	760	Discard	769-751
R039	R039-BODY	R039-BODY-B2	Body	705	Discard	705-696
R039	R039-BODY	R039-BODY-B3	Body	2957	Discard	2960-2951
R039	R039-BODY	R039-BODY-B3	Body	2924	Discard	2928-2915
R039	R039-BODY	R039-BODY-B3	Body	2872	Discard	2878-2863
R039	R039-BODY	R039-BODY-B3	Body	2857	Discard	2860-2825
R039	R039-BODY	R039-BODY-B3	Body	1729	Discard	1741-1723
R039	R039-BODY	R039-BODY-B3	Body	1698	Discard	1704-1692
R039	R039-BODY	R039-BODY-B3	Body	1603	Discard	1610-1600
R039	R039-BODY	R039-BODY-B3	Body	1539	Discard	1543-1536
R039	R039-BODY	R039-BODY-B3	Body	1460	Discard	1463-1454
R039	R039-BODY	R039-BODY-B3	Body	1380	Discard	1383-1374

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R039	R039-BODY	R039-BODY-B3	Body	904	Discard	913-884
R039	R039-BODY	R039-BODY-B3	Body	766	Discard	769-751
R039	R039-BODY	R039-BODY-B3	Body	702	Discard	705-696
R040	R040-1	R040-1-B1	Chip	3523	Discard	3544-3517
R040	R040-1	R040-1-B1	Chip	3067	Discard	3070-3054
R040	R040-1	R040-1-B1	Chip	3019	Discard	3028-3017
R040	R040-1	R040-1-B1	Chip	2954	Discard	2960-2951
R040	R040-1	R040-1-B1	Chip	2921	Discard	2928-2915
R040	R040-1	R040-1-B1	Chip	2869	Discard	2878-2863
R040	R040-1	R040-1-B1	Chip	2853	Discard	2860-2825
R040	R040-1	R040-1-B1	Chip	2728	Discard	2737-2722
R040	R040-1	R040-1-B1	Chip	1732	Discard	1741-1723
R040	R040-1	R040-1-B1	Chip	1698	Discard	1704-1692
R040	R040-1	R040-1-B1	Chip	1603	Discard	1610-1600
R040	R040-1	R040-1-B1	Chip	1539	Discard	1543-1536
R040	R040-1	R040-1-B1	Chip	1515		
R040	R040-1	R040-1-B1	Chip	1493	Discard	1503-1493
R040	R040-1	R040-1-B1	Chip	1463	Discard	1463-1454
R040	R040-1	R040-1-B1	Chip	1396		
R040	R040-1	R040-1-B1	Chip	1380	Discard	1383-1374
R040	R040-1	R040-1-B1	Chip	1307	Discard	1316-1303
R040	R040-1	R040-1-B1	Chip	1270	Discard	1276-1266
R040	R040-1	R040-1-B1	Chip	1249	Discard	1255-1246
R040	R040-1	R040-1-B1	Chip	897	Discard	913-884
R040	R040-1	R040-1-B1	Chip	757	Discard	769-751
R040	R040-1	R040-1-B1	Chip	702	Discard	705-696
R040	R040-1	R040-1-B2	Chip	3526	Discard	3544-3517
R040	R040-1	R040-1-B2	Chip	3352	Discard	3413-3281
R040	R040-1	R040-1-B2	Chip	3064	Discard	3070-3054
R040	R040-1	R040-1-B2	Chip	3025	Discard	3028-3017
R040	R040-1	R040-1-B2	Chip	2954	Discard	2960-2951
R040	R040-1	R040-1-B2	Chip	2924	Discard	2928-2915
R040	R040-1	R040-1-B2	Chip	2869	Discard	2878-2863
R040	R040-1	R040-1-B2	Chip	2853	Discard	2860-2825
R040	R040-1	R040-1-B2	Chip	2827	Discard	2860-2825
R040	R040-1	R040-1-B2	Chip	1729	Discard	1741-1723
R040	R040-1	R040-1-B2	Chip	1695	Discard	1704-1692
R040	R040-1	R040-1-B2	Chip	1610	Discard	1610-1600
R040	R040-1	R040-1-B2	Chip	1539	Discard	1543-1536
R040	R040-1	R040-1-B2	Chip	1515		
R040	R040-1	R040-1-B2	Chip	1493	Discard	1503-1493
R040	R040-1	R040-1-B2	Chip	1460	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R040	R040-1	R040-1-B2	Chip	1377	Discard	1383-1374
R040	R040-1	R040-1-B2	Chip	1310	Discard	1316-1303
R040	R040-1	R040-1-B2	Chip	1273	Discard	1276-1266
R040	R040-1	R040-1-B2	Chip	1252	Discard	1255-1246
R040	R040-1	R040-1-B2	Chip	900	Discard	913-884
R040	R040-1	R040-1-B2	Chip	760	Discard	769-751
R040	R040-1	R040-1-B2	Chip	705	Discard	705-696
R040	R040-1	R040-1-B3	Chip	3373	Discard	3413-3281
R040	R040-1	R040-1-B3	Chip	3064	Discard	3070-3054
R040	R040-1	R040-1-B3	Chip	3025	Discard	3028-3017
R040	R040-1	R040-1-B3	Chip	2954	Discard	2960-2951
R040	R040-1	R040-1-B3	Chip	2924	Discard	2928-2915
R040	R040-1	R040-1-B3	Chip	2872	Discard	2878-2863
R040	R040-1	R040-1-B3	Chip	2857	Discard	2860-2825
R040	R040-1	R040-1-B3	Chip	2725	Discard	2737-2722
R040	R040-1	R040-1-B3	Chip	2364		
R040	R040-1	R040-1-B3	Chip	2328		
R040	R040-1	R040-1-B3	Chip	1735	Discard	1741-1723
R040	R040-1	R040-1-B3	Chip	1698	Discard	1704-1692
R040	R040-1	R040-1-B3	Chip	1603	Discard	1610-1600
R040	R040-1	R040-1-B3	Chip	1542	Discard	1543-1536
R040	R040-1	R040-1-B3	Chip	1493	Discard	1503-1493
R040	R040-1	R040-1-B3	Chip	1460	Discard	1463-1454
R040	R040-1	R040-1-B3	Chip	1380	Discard	1383-1374
R040	R040-1	R040-1-B3	Chip	1310	Discard	1316-1303
R040	R040-1	R040-1-B3	Chip	1273	Discard	1276-1266
R040	R040-1	R040-1-B3	Chip	1252	Discard	1255-1246
R040	R040-1	R040-1-B3	Chip	900	Discard	913-884
R040	R040-1	R040-1-B3	Chip	760	Discard	769-751
R040	R040-1	R040-1-B3	Chip	705	Discard	705-696
R040	R040-BODY	R040-BODY-B1	Body	3061	Discard	3070-3054
R040	R040-BODY	R040-BODY-B1	Body	3025	Discard	3028-3017
R040	R040-BODY	R040-BODY-B1	Body	2954	Discard	2960-2951
R040	R040-BODY	R040-BODY-B1	Body	2924	Discard	2928-2915
R040	R040-BODY	R040-BODY-B1	Body	2869	Discard	2878-2863
R040	R040-BODY	R040-BODY-B1	Body	2857	Discard	2860-2825
R040	R040-BODY	R040-BODY-B1	Body	1726	Discard	1741-1723
R040	R040-BODY	R040-BODY-B1	Body	1698	Discard	1704-1692
R040	R040-BODY	R040-BODY-B1	Body	1600	Discard	1610-1600
R040	R040-BODY	R040-BODY-B1	Body	1539	Discard	1543-1536
R040	R040-BODY	R040-BODY-B1	Body	1500	Discard	1503-1493
R040	R040-BODY	R040-BODY-B1	Body	1457	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R040	R040-BODY	R040-BODY-B1	Body	1380	Discard	1383-1374
R040	R040-BODY	R040-BODY-B1	Body	1310	Discard	1316-1303
R040	R040-BODY	R040-BODY-B1	Body	1270	Discard	1276-1266
R040	R040-BODY	R040-BODY-B1	Body	1249	Discard	1255-1246
R040	R040-BODY	R040-BODY-B1	Body	907	Discard	913-884
R040	R040-BODY	R040-BODY-B1	Body	760	Discard	769-751
R040	R040-BODY	R040-BODY-B1	Body	702	Discard	705-696
R040	R040-BODY	R040-BODY-B2	Body	2954	Discard	2960-2951
R040	R040-BODY	R040-BODY-B2	Body	2927	Discard	2928-2915
R040	R040-BODY	R040-BODY-B2	Body	2869	Discard	2878-2863
R040	R040-BODY	R040-BODY-B2	Body	2857	Discard	2860-2825
R040	R040-BODY	R040-BODY-B2	Body	1726	Discard	1741-1723
R040	R040-BODY	R040-BODY-B2	Body	1701	Discard	1704-1692
R040	R040-BODY	R040-BODY-B2	Body	1606	Discard	1610-1600
R040	R040-BODY	R040-BODY-B2	Body	1542	Discard	1543-1536
R040	R040-BODY	R040-BODY-B2	Body	1493	Discard	1503-1493
R040	R040-BODY	R040-BODY-B2	Body	1457	Discard	1463-1454
R040	R040-BODY	R040-BODY-B2	Body	1380	Discard	1383-1374
R040	R040-BODY	R040-BODY-B2	Body	1307	Discard	1316-1303
R040	R040-BODY	R040-BODY-B2	Body	1276	Discard	1276-1266
R040	R040-BODY	R040-BODY-B2	Body	1249	Discard	1255-1246
R040	R040-BODY	R040-BODY-B2	Body	904	Discard	913-884
R040	R040-BODY	R040-BODY-B2	Body	766	Discard	769-751
R040	R040-BODY	R040-BODY-B2	Body	702	Discard	705-696
R040	R040-BODY	R040-BODY-B3	Body	3388	Discard	3413-3281
R040	R040-BODY	R040-BODY-B3	Body	2954	Discard	2960-2951
R040	R040-BODY	R040-BODY-B3	Body	2927	Discard	2928-2915
R040	R040-BODY	R040-BODY-B3	Body	2872	Discard	2878-2863
R040	R040-BODY	R040-BODY-B3	Body	2857	Discard	2860-2825
R040	R040-BODY	R040-BODY-B3	Body	1726	Discard	1741-1723
R040	R040-BODY	R040-BODY-B3	Body	1696	Discard	1704-1692
R040	R040-BODY	R040-BODY-B3	Body	1539	Discard	1543-1536
R040	R040-BODY	R040-BODY-B3	Body	1457	Discard	1463-1454
R040	R040-BODY	R040-BODY-B3	Body	1380	Discard	1383-1374
R040	R040-BODY	R040-BODY-B3	Body	1310	Discard	1316-1303
R040	R040-BODY	R040-BODY-B3	Body	1276	Discard	1276-1266
R040	R040-BODY	R040-BODY-B3	Body	907	Discard	913-884
R040	R040-BODY	R040-BODY-B3	Body	769	Discard	769-751
R040	R040-BODY	R040-BODY-B3	Body	699	Discard	705-696
R041	R041-1	R041-1-B1	Chip	3330	Discard	3413-3281
R041	R041-1	R041-1-B1	Chip	3064	Discard	3070-3054
R041	R041-1	R041-1-B1	Chip	3025	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R041	R041-1	R041-1-B1	Chip	2951	Discard	2960-2951
R041	R041-1	R041-1-B1	Chip	2924	Discard	2928-2915
R041	R041-1	R041-1-B1	Chip	2875	Discard	2878-2863
R041	R041-1	R041-1-B1	Chip	2857	Discard	2860-2825
R041	R041-1	R041-1-B1	Chip	2728	Discard	2737-2722
R041	R041-1	R041-1-B1	Chip	1732	Discard	1741-1723
R041	R041-1	R041-1-B1	Chip	1695	Discard	1704-1692
R041	R041-1	R041-1-B1	Chip	1603	Discard	1610-1600
R041	R041-1	R041-1-B1	Chip	1575	Residue	
R041	R041-1	R041-1-B1	Chip	1542	Discard	1543-1536
R041	R041-1	R041-1-B1	Chip	1518		
R041	R041-1	R041-1-B1	Chip	1496	Discard	1503-1493
R041	R041-1	R041-1-B1	Chip	1457	Discard	1463-1454
R041	R041-1	R041-1-B1	Chip	1377	Discard	1383-1374
R041	R041-1	R041-1-B1	Chip	1338	Residue	
R041	R041-1	R041-1-B1	Chip	1307	Discard	1316-1303
R041	R041-1	R041-1-B1	Chip	1273	Discard	1276-1266
R041	R041-1	R041-1-B1	Chip	1252	Discard	1255-1246
R041	R041-1	R041-1-B1	Chip	980		
R041	R041-1	R041-1-B1	Chip	900	Discard	913-884
R041	R041-1	R041-1-B1	Chip	754	Discard	769-751
R041	R041-1	R041-1-B1	Chip	702	Discard	705-696
R041	R041-1	R041-1-B2	Chip	3061	Discard	3070-3054
R041	R041-1	R041-1-B2	Chip	3022	Discard	3028-3017
R041	R041-1	R041-1-B2	Chip	2951	Discard	2960-2951
R041	R041-1	R041-1-B2	Chip	2924	Discard	2928-2915
R041	R041-1	R041-1-B2	Chip	2869	Discard	2878-2863
R041	R041-1	R041-1-B2	Chip	2857	Discard	2860-2825
R041	R041-1	R041-1-B2	Chip	1738	Discard	1741-1723
R041	R041-1	R041-1-B2	Chip	1698	Discard	1704-1692
R041	R041-1	R041-1-B2	Chip	1600	Discard	1610-1600
R041	R041-1	R041-1-B2	Chip	1496	Discard	1503-1493
R041	R041-1	R041-1-B2	Chip	1460	Discard	1463-1454
R041	R041-1	R041-1-B2	Chip	1377	Discard	1383-1374
R041	R041-1	R041-1-B2	Chip	1307	Discard	1316-1303
R041	R041-1	R041-1-B2	Chip	904	Discard	913-884
R041	R041-1	R041-1-B2	Chip	766	Discard	769-751
R041	R041-1	R041-1-B2	Chip	702	Discard	705-696
R041	R041-1	R041-1-B3	Chip	2954	Discard	2960-2951
R041	R041-1	R041-1-B3	Chip	2924	Discard	2928-2915
R041	R041-1	R041-1-B3	Chip	2872	Discard	2878-2863
R041	R041-1	R041-1-B3	Chip	2857	Discard	2860-2825

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R041	R041-1	R041-1-B3	Chip	1732	Discard	1741-1723
R041	R041-1	R041-1-B3	Chip	1695	Discard	1704-1692
R041	R041-1	R041-1-B3	Chip	1457	Discard	1463-1454
R041	R041-1	R041-1-B3	Chip	1380	Discard	1383-1374
R041	R041-1	R041-1-B3	Chip	910	Discard	913-884
R041	R041-1	R041-1-B3	Chip	769	Discard	769-751
R041	R041-1	R041-1-B3	Chip	699	Discard	705-696
R041	R041-BODY	R041-BODY-B1	Body	3532	Discard	3544-3517
R041	R041-BODY	R041-BODY-B1	Body	3067	Discard	3070-3054
R041	R041-BODY	R041-BODY-B1	Body	3025	Discard	3028-3017
R041	R041-BODY	R041-BODY-B1	Body	2957	Discard	2960-2951
R041	R041-BODY	R041-BODY-B1	Body	2921	Discard	2928-2915
R041	R041-BODY	R041-BODY-B1	Body	2872	Discard	2878-2863
R041	R041-BODY	R041-BODY-B1	Body	2853	Discard	2860-2825
R041	R041-BODY	R041-BODY-B1	Body	2731	Discard	2737-2722
R041	R041-BODY	R041-BODY-B1	Body	2361		
R041	R041-BODY	R041-BODY-B1	Body	2322		
R041	R041-BODY	R041-BODY-B1	Body	1979		
R041	R041-BODY	R041-BODY-B1	Body	1732	Discard	1741-1723
R041	R041-BODY	R041-BODY-B1	Body	1701	Discard	1704-1692
R041	R041-BODY	R041-BODY-B1	Body	1603	Discard	1610-1600
R041	R041-BODY	R041-BODY-B1	Body	1542	Discard	1543-1536
R041	R041-BODY	R041-BODY-B1	Body	1518		
R041	R041-BODY	R041-BODY-B1	Body	1496	Discard	1503-1493
R041	R041-BODY	R041-BODY-B1	Body	1460	Discard	1463-1454
R041	R041-BODY	R041-BODY-B1	Body	1380	Discard	1383-1374
R041	R041-BODY	R041-BODY-B1	Body	1310	Discard	1316-1303
R041	R041-BODY	R041-BODY-B1	Body	1273	Discard	1276-1266
R041	R041-BODY	R041-BODY-B1	Body	998		
R041	R041-BODY	R041-BODY-B1	Body	971		
R041	R041-BODY	R041-BODY-B1	Body	907	Discard	913-884
R041	R041-BODY	R041-BODY-B1	Body	775		
R041	R041-BODY	R041-BODY-B1	Body	702	Discard	705-696
R041	R041-BODY	R041-BODY-B2	Body	3025	Discard	3028-3017
R041	R041-BODY	R041-BODY-B2	Body	2957	Discard	2960-2951
R041	R041-BODY	R041-BODY-B2	Body	2921	Discard	2928-2915
R041	R041-BODY	R041-BODY-B2	Body	2872	Discard	2878-2863
R041	R041-BODY	R041-BODY-B2	Body	2853	Discard	2860-2825
R041	R041-BODY	R041-BODY-B2	Body	1735	Discard	1741-1723
R041	R041-BODY	R041-BODY-B2	Body	1603	Discard	1610-1600
R041	R041-BODY	R041-BODY-B2	Body	1536	Discard	1543-1536
R041	R041-BODY	R041-BODY-B2	Body	1496	Discard	1503-1493

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R041	R041-BODY	R041-BODY-B2	Body	1457	Discard	1463-1454
R041	R041-BODY	R041-BODY-B2	Body	1377	Discard	1383-1374
R041	R041-BODY	R041-BODY-B2	Body	1310	Discard	1316-1303
R041	R041-BODY	R041-BODY-B2	Body	1270	Discard	1276-1266
R041	R041-BODY	R041-BODY-B2	Body	983		
R041	R041-BODY	R041-BODY-B2	Body	904	Discard	913-884
R041	R041-BODY	R041-BODY-B2	Body	775		
R041	R041-BODY	R041-BODY-B2	Body	763	Discard	769-751
R041	R041-BODY	R041-BODY-B2	Body	699	Discard	705-696
R041	R041-BODY	R041-BODY-B3	Body	3070	Discard	3070-3054
R041	R041-BODY	R041-BODY-B3	Body	3019	Discard	3028-3017
R041	R041-BODY	R041-BODY-B3	Body	2957	Discard	2960-2951
R041	R041-BODY	R041-BODY-B3	Body	2924	Discard	2928-2915
R041	R041-BODY	R041-BODY-B3	Body	2875	Discard	2878-2863
R041	R041-BODY	R041-BODY-B3	Body	2850	Discard	2860-2825
R041	R041-BODY	R041-BODY-B3	Body	1735	Discard	1741-1723
R041	R041-BODY	R041-BODY-B3	Body	1695	Discard	1704-1692
R041	R041-BODY	R041-BODY-B3	Body	1600	Discard	1610-1600
R041	R041-BODY	R041-BODY-B3	Body	1539	Discard	1543-1536
R041	R041-BODY	R041-BODY-B3	Body	1496	Discard	1503-1493
R041	R041-BODY	R041-BODY-B3	Body	1460	Discard	1463-1454
R041	R041-BODY	R041-BODY-B3	Body	1380	Discard	1383-1374
R041	R041-BODY	R041-BODY-B3	Body	1307	Discard	1316-1303
R041	R041-BODY	R041-BODY-B3	Body	1270	Discard	1276-1266
R041	R041-BODY	R041-BODY-B3	Body	900	Discard	913-884
R041	R041-BODY	R041-BODY-B3	Body	763	Discard	769-751
R041	R041-BODY	R041-BODY-B3	Body	699	Discard	705-696
R042	R042-1	R042-1-B1	Chip	3535	Discard	3544-3517
R042	R042-1	R042-1-B1	Chip	3058	Discard	3070-3054
R042	R042-1	R042-1-B1	Chip	3022	Discard	3028-3017
R042	R042-1	R042-1-B1	Chip	2957	Discard	2960-2951
R042	R042-1	R042-1-B1	Chip	2924	Discard	2928-2915
R042	R042-1	R042-1-B1	Chip	2869	Discard	2878-2863
R042	R042-1	R042-1-B1	Chip	2850	Discard	2860-2825
R042	R042-1	R042-1-B1	Chip	2728	Discard	2737-2722
R042	R042-1	R042-1-B1	Chip	1732	Discard	1741-1723
R042	R042-1	R042-1-B1	Chip	1698	Discard	1704-1692
R042	R042-1	R042-1-B1	Chip	1603	Discard	1610-1600
R042	R042-1	R042-1-B1	Chip	1539	Discard	1543-1536
R042	R042-1	R042-1-B1	Chip	1496	Discard	1503-1493
R042	R042-1	R042-1-B1	Chip	1457	Discard	1463-1454
R042	R042-1	R042-1-B1	Chip	1377	Discard	1383-1374

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R042	R042-1	R042-1-B1	Chip	1310	Discard	1316-1303
R042	R042-1	R042-1-B1	Chip	1276	Discard	1276-1266
R042	R042-1	R042-1-B1	Chip	1249	Discard	1255-1246
R042	R042-1	R042-1-B1	Chip	989		
R042	R042-1	R042-1-B1	Chip	968		
R042	R042-1	R042-1-B1	Chip	904	Discard	913-884
R042	R042-1	R042-1-B1	Chip	775		
R042	R042-1	R042-1-B1	Chip	760	Discard	769-751
R042	R042-1	R042-1-B1	Chip	702	Discard	705-696
R042	R042-1	R042-1-B2	Chip	3061	Discard	3070-3054
R042	R042-1	R042-1-B2	Chip	3022	Discard	3028-3017
R042	R042-1	R042-1-B2	Chip	2951	Discard	2960-2951
R042	R042-1	R042-1-B2	Chip	2924	Discard	2928-2915
R042	R042-1	R042-1-B2	Chip	2869	Discard	2878-2863
R042	R042-1	R042-1-B2	Chip	2853	Discard	2860-2825
R042	R042-1	R042-1-B2	Chip	1729	Discard	1741-1723
R042	R042-1	R042-1-B2	Chip	1698	Discard	1704-1692
R042	R042-1	R042-1-B2	Chip	1606	Discard	1610-1600
R042	R042-1	R042-1-B2	Chip	1536	Discard	1543-1536
R042	R042-1	R042-1-B2	Chip	1493	Discard	1503-1493
R042	R042-1	R042-1-B2	Chip	1457	Discard	1463-1454
R042	R042-1	R042-1-B2	Chip	1374	Discard	1383-1374
R042	R042-1	R042-1-B2	Chip	1304	Discard	1316-1303
R042	R042-1	R042-1-B2	Chip	1273	Discard	1276-1266
R042	R042-1	R042-1-B2	Chip	1252	Discard	1255-1246
R042	R042-1	R042-1-B2	Chip	900	Discard	913-884
R042	R042-1	R042-1-B2	Chip	763	Discard	769-751
R042	R042-1	R042-1-B2	Chip	702	Discard	705-696
R042	R042-1	R042-1-B3	Chip	3064	Discard	3070-3054
R042	R042-1	R042-1-B3	Chip	3025	Discard	3028-3017
R042	R042-1	R042-1-B3	Chip	2954	Discard	2960-2951
R042	R042-1	R042-1-B3	Chip	2918	Discard	2928-2915
R042	R042-1	R042-1-B3	Chip	2869	Discard	2878-2863
R042	R042-1	R042-1-B3	Chip	2857	Discard	2860-2825
R042	R042-1	R042-1-B3	Chip	1729	Discard	1741-1723
R042	R042-1	R042-1-B3	Chip	1698	Discard	1704-1692
R042	R042-1	R042-1-B3	Chip	1606	Discard	1610-1600
R042	R042-1	R042-1-B3	Chip	1542	Discard	1543-1536
R042	R042-1	R042-1-B3	Chip	1496	Discard	1503-1493
R042	R042-1	R042-1-B3	Chip	1454	Discard	1463-1454
R042	R042-1	R042-1-B3	Chip	1402		
R042	R042-1	R042-1-B3	Chip	1377	Discard	1383-1374

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R042	R042-1	R042-1-B3	Chip	1307	Discard	1316-1303
R042	R042-1	R042-1-B3	Chip	1273	Discard	1276-1266
R042	R042-1	R042-1-B3	Chip	1249	Discard	1255-1246
R042	R042-1	R042-1-B3	Chip	904	Discard	913-884
R042	R042-1	R042-1-B3	Chip	760	Discard	769-751
R042	R042-1	R042-1-B3	Chip	705	Discard	705-696
R042	R042-BODY	R042-BODY-B1	Body	3532	Discard	3544-3517
R042	R042-BODY	R042-BODY-B1	Body	3064	Discard	3070-3054
R042	R042-BODY	R042-BODY-B1	Body	3022	Discard	3028-3017
R042	R042-BODY	R042-BODY-B1	Body	2951	Discard	2960-2951
R042	R042-BODY	R042-BODY-B1	Body	2921	Discard	2928-2915
R042	R042-BODY	R042-BODY-B1	Body	2872	Discard	2878-2863
R042	R042-BODY	R042-BODY-B1	Body	2857	Discard	2860-2825
R042	R042-BODY	R042-BODY-B1	Body	2731	Discard	2737-2722
R042	R042-BODY	R042-BODY-B1	Body	1726	Discard	1741-1723
R042	R042-BODY	R042-BODY-B1	Body	1698	Discard	1704-1692
R042	R042-BODY	R042-BODY-B1	Body	1606	Discard	1610-1600
R042	R042-BODY	R042-BODY-B1	Body	1539	Discard	1543-1536
R042	R042-BODY	R042-BODY-B1	Body	1512		
R042	R042-BODY	R042-BODY-B1	Body	1493	Discard	1503-1493
R042	R042-BODY	R042-BODY-B1	Body	1454	Discard	1463-1454
R042	R042-BODY	R042-BODY-B1	Body	1377	Discard	1383-1374
R042	R042-BODY	R042-BODY-B1	Body	1304	Discard	1316-1303
R042	R042-BODY	R042-BODY-B1	Body	1270	Discard	1276-1266
R042	R042-BODY	R042-BODY-B1	Body	1252	Discard	1255-1246
R042	R042-BODY	R042-BODY-B1	Body	1014		
R042	R042-BODY	R042-BODY-B1	Body	968		
R042	R042-BODY	R042-BODY-B1	Body	907	Discard	913-884
R042	R042-BODY	R042-BODY-B1	Body	800		
R042	R042-BODY	R042-BODY-B1	Body	778		
R042	R042-BODY	R042-BODY-B1	Body	748		
R042	R042-BODY	R042-BODY-B1	Body	702	Discard	705-696
R042	R042-BODY	R042-BODY-B2	Body	3064	Discard	3070-3054
R042	R042-BODY	R042-BODY-B2	Body	3025	Discard	3028-3017
R042	R042-BODY	R042-BODY-B2	Body	2951	Discard	2960-2951
R042	R042-BODY	R042-BODY-B2	Body	2927	Discard	2928-2915
R042	R042-BODY	R042-BODY-B2	Body	2869	Discard	2878-2863
R042	R042-BODY	R042-BODY-B2	Body	2853	Discard	2860-2825
R042	R042-BODY	R042-BODY-B2	Body	2725	Discard	2737-2722
R042	R042-BODY	R042-BODY-B2	Body	1732	Discard	1741-1723
R042	R042-BODY	R042-BODY-B2	Body	1698	Discard	1704-1692
R042	R042-BODY	R042-BODY-B2	Body	1539	Discard	1543-1536

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R042	R042-BODY	R042-BODY-B2	Body	1493	Discard	1503-1493
R042	R042-BODY	R042-BODY-B2	Body	1454	Discard	1463-1454
R042	R042-BODY	R042-BODY-B2	Body	1377	Discard	1383-1374
R042	R042-BODY	R042-BODY-B2	Body	1310	Discard	1316-1303
R042	R042-BODY	R042-BODY-B2	Body	1270	Discard	1276-1266
R042	R042-BODY	R042-BODY-B2	Body	907	Discard	913-884
R042	R042-BODY	R042-BODY-B2	Body	778		
R042	R042-BODY	R042-BODY-B2	Body	757	Discard	769-751
R042	R042-BODY	R042-BODY-B2	Body	580		
R042	R042-BODY	R042-BODY-B3	Body	3064	Discard	3070-3054
R042	R042-BODY	R042-BODY-B3	Body	3019	Discard	3028-3017
R042	R042-BODY	R042-BODY-B3	Body	2957	Discard	2960-2951
R042	R042-BODY	R042-BODY-B3	Body	2924	Discard	2928-2915
R042	R042-BODY	R042-BODY-B3	Body	2872	Discard	2878-2863
R042	R042-BODY	R042-BODY-B3	Body	2857	Discard	2860-2825
R042	R042-BODY	R042-BODY-B3	Body	2731	Discard	2737-2722
R042	R042-BODY	R042-BODY-B3	Body	1735	Discard	1741-1723
R042	R042-BODY	R042-BODY-B3	Body	1698	Discard	1704-1692
R042	R042-BODY	R042-BODY-B3	Body	1606	Discard	1610-1600
R042	R042-BODY	R042-BODY-B3	Body	1539	Discard	1543-1536
R042	R042-BODY	R042-BODY-B3	Body	1515		
R042	R042-BODY	R042-BODY-B3	Body	1457	Discard	1463-1454
R042	R042-BODY	R042-BODY-B3	Body	1377	Discard	1383-1374
R042	R042-BODY	R042-BODY-B3	Body	1310	Discard	1316-1303
R042	R042-BODY	R042-BODY-B3	Body	1270	Discard	1276-1266
R042	R042-BODY	R042-BODY-B3	Body	1252	Discard	1255-1246
R042	R042-BODY	R042-BODY-B3	Body	971		
R042	R042-BODY	R042-BODY-B3	Body	897	Discard	913-884
R042	R042-BODY	R042-BODY-B3	Body	775		
R042	R042-BODY	R042-BODY-B3	Body	754	Discard	769-751
R042	R042-BODY	R042-BODY-B3	Body	702	Discard	705-696
R044	R044-1	R044-1-B1	Chip	3538	Discard	3544-3517
R044	R044-1	R044-1-B1	Chip	3064	Discard	3070-3054
R044	R044-1	R044-1-B1	Chip	3022	Discard	3028-3017
R044	R044-1	R044-1-B1	Chip	2951	Discard	2960-2951
R044	R044-1	R044-1-B1	Chip	2921	Discard	2928-2915
R044	R044-1	R044-1-B1	Chip	2869	Discard	2878-2863
R044	R044-1	R044-1-B1	Chip	2857	Discard	2860-2825
R044	R044-1	R044-1-B1	Chip	2725	Discard	2737-2722
R044	R044-1	R044-1-B1	Chip	1726	Discard	1741-1723
R044	R044-1	R044-1-B1	Chip	1698	Discard	1704-1692
R044	R044-1	R044-1-B1	Chip	1606	Discard	1610-1600

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R044	R044-1	R044-1-B1	Chip	1539	Discard	1543-1536
R044	R044-1	R044-1-B1	Chip	1515		
R044	R044-1	R044-1-B1	Chip	1493	Discard	1503-1493
R044	R044-1	R044-1-B1	Chip	1460	Discard	1463-1454
R044	R044-1	R044-1-B1	Chip	1377	Discard	1383-1374
R044	R044-1	R044-1-B1	Chip	1310	Discard	1316-1303
R044	R044-1	R044-1-B1	Chip	1267	Discard	1276-1266
R044	R044-1	R044-1-B1	Chip	900	Discard	913-884
R044	R044-1	R044-1-B1	Chip	757	Discard	769-751
R044	R044-1	R044-1-B1	Chip	702	Discard	705-696
R044	R044-1	R044-1-B2	Chip	3064	Discard	3070-3054
R044	R044-1	R044-1-B2	Chip	3019	Discard	3028-3017
R044	R044-1	R044-1-B2	Chip	2954	Discard	2960-2951
R044	R044-1	R044-1-B2	Chip	2924	Discard	2928-2915
R044	R044-1	R044-1-B2	Chip	2869	Discard	2878-2863
R044	R044-1	R044-1-B2	Chip	2853	Discard	2860-2825
R044	R044-1	R044-1-B2	Chip	2728	Discard	2737-2722
R044	R044-1	R044-1-B2	Chip	1732	Discard	1741-1723
R044	R044-1	R044-1-B2	Chip	1698	Discard	1704-1692
R044	R044-1	R044-1-B2	Chip	1603	Discard	1610-1600
R044	R044-1	R044-1-B2	Chip	1539	Discard	1543-1536
R044	R044-1	R044-1-B2	Chip	1493	Discard	1503-1493
R044	R044-1	R044-1-B2	Chip	1457	Discard	1463-1454
R044	R044-1	R044-1-B2	Chip	1402		
R044	R044-1	R044-1-B2	Chip	1380	Discard	1383-1374
R044	R044-1	R044-1-B2	Chip	1307	Discard	1316-1303
R044	R044-1	R044-1-B2	Chip	1270	Discard	1276-1266
R044	R044-1	R044-1-B2	Chip	1249	Discard	1255-1246
R044	R044-1	R044-1-B2	Chip	897	Discard	913-884
R044	R044-1	R044-1-B2	Chip	760	Discard	769-751
R044	R044-1	R044-1-B2	Chip	702	Discard	705-696
R044	R044-1	R044-1-B3	Chip	3535	Discard	3544-3517
R044	R044-1	R044-1-B3	Chip	3067	Discard	3070-3054
R044	R044-1	R044-1-B3	Chip	3022	Discard	3028-3017
R044	R044-1	R044-1-B3	Chip	2951	Discard	2960-2951
R044	R044-1	R044-1-B3	Chip	2924	Discard	2928-2915
R044	R044-1	R044-1-B3	Chip	2869	Discard	2878-2863
R044	R044-1	R044-1-B3	Chip	2853	Discard	2860-2825
R044	R044-1	R044-1-B3	Chip	2731	Discard	2737-2722
R044	R044-1	R044-1-B3	Chip	1732	Discard	1741-1723
R044	R044-1	R044-1-B3	Chip	1695	Discard	1704-1692
R044	R044-1	R044-1-B3	Chip	1603	Discard	1610-1600

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R044	R044-1	R044-1-B3	Chip	1539	Discard	1543-1536
R044	R044-1	R044-1-B3	Chip	1515		
R044	R044-1	R044-1-B3	Chip	1496	Discard	1503-1493
R044	R044-1	R044-1-B3	Chip	1460	Discard	1463-1454
R044	R044-1	R044-1-B3	Chip	1377	Discard	1383-1374
R044	R044-1	R044-1-B3	Chip	1307	Discard	1316-1303
R044	R044-1	R044-1-B3	Chip	1270	Discard	1276-1266
R044	R044-1	R044-1-B3	Chip	1249	Discard	1255-1246
R044	R044-1	R044-1-B3	Chip	900	Discard	913-884
R044	R044-1	R044-1-B3	Chip	757	Discard	769-751
R044	R044-1	R044-1-B3	Chip	702	Discard	705-696
R044	R044-2	R044-2-B1	Chip	3067	Discard	3070-3054
R044	R044-2	R044-2-B1	Chip	3025	Discard	3028-3017
R044	R044-2	R044-2-B1	Chip	2954	Discard	2960-2951
R044	R044-2	R044-2-B1	Chip	2924	Discard	2928-2915
R044	R044-2	R044-2-B1	Chip	2872	Discard	2878-2863
R044	R044-2	R044-2-B1	Chip	2857	Discard	2860-2825
R044	R044-2	R044-2-B1	Chip	1735	Discard	1741-1723
R044	R044-2	R044-2-B1	Chip	1698	Discard	1704-1692
R044	R044-2	R044-2-B1	Chip	1610	Discard	1610-1600
R044	R044-2	R044-2-B1	Chip	1542	Discard	1543-1536
R044	R044-2	R044-2-B1	Chip	1493	Discard	1503-1493
R044	R044-2	R044-2-B1	Chip	1457	Discard	1463-1454
R044	R044-2	R044-2-B1	Chip	1377	Discard	1383-1374
R044	R044-2	R044-2-B1	Chip	1307	Discard	1316-1303
R044	R044-2	R044-2-B1	Chip	1273	Discard	1276-1266
R044	R044-2	R044-2-B1	Chip	913	Discard	913-884
R044	R044-2	R044-2-B1	Chip	769	Discard	769-751
R044	R044-2	R044-2-B1	Chip	702	Discard	705-696
R044	R044-2	R044-2-B2	Chip	3067	Discard	3070-3054
R044	R044-2	R044-2-B2	Chip	3025	Discard	3028-3017
R044	R044-2	R044-2-B2	Chip	2957	Discard	2960-2951
R044	R044-2	R044-2-B2	Chip	2921	Discard	2928-2915
R044	R044-2	R044-2-B2	Chip	2872	Discard	2878-2863
R044	R044-2	R044-2-B2	Chip	2853	Discard	2860-2825
R044	R044-2	R044-2-B2	Chip	1732	Discard	1741-1723
R044	R044-2	R044-2-B2	Chip	1698	Discard	1704-1692
R044	R044-2	R044-2-B2	Chip	1606	Discard	1610-1600
R044	R044-2	R044-2-B2	Chip	1539	Discard	1543-1536
R044	R044-2	R044-2-B2	Chip	1460	Discard	1463-1454
R044	R044-2	R044-2-B2	Chip	1383	Discard	1383-1374
R044	R044-2	R044-2-B2	Chip	907	Discard	913-884

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R044	R044-2	R044-2-B2	Chip	760	Discard	769-751
R044	R044-2	R044-2-B2	Chip	699	Discard	705-696
R044	R044-2	R044-2-B3	Chip	3535	Discard	3544-3517
R044	R044-2	R044-2-B3	Chip	3061	Discard	3070-3054
R044	R044-2	R044-2-B3	Chip	3022	Discard	3028-3017
R044	R044-2	R044-2-B3	Chip	2954	Discard	2960-2951
R044	R044-2	R044-2-B3	Chip	2921	Discard	2928-2915
R044	R044-2	R044-2-B3	Chip	2869	Discard	2878-2863
R044	R044-2	R044-2-B3	Chip	2857	Discard	2860-2825
R044	R044-2	R044-2-B3	Chip	2725	Discard	2737-2722
R044	R044-2	R044-2-B3	Chip	1723	Discard	1741-1723
R044	R044-2	R044-2-B3	Chip	1704	Discard	1704-1692
R044	R044-2	R044-2-B3	Chip	1606	Discard	1610-1600
R044	R044-2	R044-2-B3	Chip	1536	Discard	1543-1536
R044	R044-2	R044-2-B3	Chip	1518		
R044	R044-2	R044-2-B3	Chip	1496	Discard	1503-1493
R044	R044-2	R044-2-B3	Chip	1460	Discard	1463-1454
R044	R044-2	R044-2-B3	Chip	1344		
R044	R044-2	R044-2-B3	Chip	1310	Discard	1316-1303
R044	R044-2	R044-2-B3	Chip	1267	Discard	1276-1266
R044	R044-2	R044-2-B3	Chip	1246	Discard	1255-1246
R044	R044-2	R044-2-B3	Chip	897	Discard	913-884
R044	R044-2	R044-2-B3	Chip	760	Discard	769-751
R044	R044-2	R044-2-B3	Chip	699	Discard	705-696
R044	R044-BODY	R044-BODY-B1	Body	3526	Discard	3544-3517
R044	R044-BODY	R044-BODY-B1	Body	3064	Discard	3070-3054
R044	R044-BODY	R044-BODY-B1	Body	3028	Discard	3028-3017
R044	R044-BODY	R044-BODY-B1	Body	2954	Discard	2960-2951
R044	R044-BODY	R044-BODY-B1	Body	2927	Discard	2928-2915
R044	R044-BODY	R044-BODY-B1	Body	2875	Discard	2878-2863
R044	R044-BODY	R044-BODY-B1	Body	2860	Discard	2860-2825
R044	R044-BODY	R044-BODY-B1	Body	1732	Discard	1741-1723
R044	R044-BODY	R044-BODY-B1	Body	1692	Discard	1704-1692
R044	R044-BODY	R044-BODY-B1	Body	1603	Discard	1610-1600
R044	R044-BODY	R044-BODY-B1	Body	1539	Discard	1543-1536
R044	R044-BODY	R044-BODY-B1	Body	1496	Discard	1503-1493
R044	R044-BODY	R044-BODY-B1	Body	1460	Discard	1463-1454
R044	R044-BODY	R044-BODY-B1	Body	1380	Discard	1383-1374
R044	R044-BODY	R044-BODY-B1	Body	1310	Discard	1316-1303
R044	R044-BODY	R044-BODY-B1	Body	1276	Discard	1276-1266
R044	R044-BODY	R044-BODY-B1	Body	907	Discard	913-884
R044	R044-BODY	R044-BODY-B1	Body	763	Discard	769-751

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R044	R044-BODY	R044-BODY-B1	Body	702	Discard	705-696
R044	R044-BODY	R044-BODY-B2	Body	3064	Discard	3070-3054
R044	R044-BODY	R044-BODY-B2	Body	3025	Discard	3028-3017
R044	R044-BODY	R044-BODY-B2	Body	2957	Discard	2960-2951
R044	R044-BODY	R044-BODY-B2	Body	2927	Discard	2928-2915
R044	R044-BODY	R044-BODY-B2	Body	2872	Discard	2878-2863
R044	R044-BODY	R044-BODY-B2	Body	2872	Discard	2878-2863
R044	R044-BODY	R044-BODY-B2	Body	2857	Discard	2860-2825
R044	R044-BODY	R044-BODY-B2	Body	1732	Discard	1741-1723
R044	R044-BODY	R044-BODY-B2	Body	1692	Discard	1704-1692
R044	R044-BODY	R044-BODY-B2	Body	1606	Discard	1610-1600
R044	R044-BODY	R044-BODY-B2	Body	1539	Discard	1543-1536
R044	R044-BODY	R044-BODY-B2	Body	1496	Discard	1503-1493
R044	R044-BODY	R044-BODY-B2	Body	1457	Discard	1463-1454
R044	R044-BODY	R044-BODY-B2	Body	1377	Discard	1383-1374
R044	R044-BODY	R044-BODY-B2	Body	1310	Discard	1316-1303
R044	R044-BODY	R044-BODY-B2	Body	1270	Discard	1276-1266
R044	R044-BODY	R044-BODY-B2	Body	1249	Discard	1255-1246
R044	R044-BODY	R044-BODY-B2	Body	904	Discard	913-884
R044	R044-BODY	R044-BODY-B2	Body	766	Discard	769-751
R044	R044-BODY	R044-BODY-B2	Body	702	Discard	705-696
R044	R044-BODY	R044-BODY-B3	Body	3067	Discard	3070-3054
R044	R044-BODY	R044-BODY-B3	Body	3022	Discard	3028-3017
R044	R044-BODY	R044-BODY-B3	Body	2957	Discard	2960-2951
R044	R044-BODY	R044-BODY-B3	Body	2924	Discard	2928-2915
R044	R044-BODY	R044-BODY-B3	Body	2872	Discard	2878-2863
R044	R044-BODY	R044-BODY-B3	Body	2853	Discard	2860-2825
R044	R044-BODY	R044-BODY-B3	Body	1735	Discard	1741-1723
R044	R044-BODY	R044-BODY-B3	Body	1692	Discard	1704-1692
R044	R044-BODY	R044-BODY-B3	Body	1600	Discard	1610-1600
R044	R044-BODY	R044-BODY-B3	Body	1539	Discard	1543-1536
R044	R044-BODY	R044-BODY-B3	Body	1493	Discard	1503-1493
R044	R044-BODY	R044-BODY-B3	Body	1457	Discard	1463-1454
R044	R044-BODY	R044-BODY-B3	Body	1377	Discard	1383-1374
R044	R044-BODY	R044-BODY-B3	Body	1310	Discard	1316-1303
R044	R044-BODY	R044-BODY-B3	Body	1270	Discard	1276-1266
R044	R044-BODY	R044-BODY-B3	Body	907	Discard	913-884
R044	R044-BODY	R044-BODY-B3	Body	766	Discard	769-751
R044	R044-BODY	R044-BODY-B3	Body	696	Discard	705-696
R059	R059-1	R059-1-B1	Chip	3529	Discard	3544-3517
R059	R059-1	R059-1-B1	Chip	3067	Discard	3070-3054
R059	R059-1	R059-1-B1	Chip	3022	Discard	3028-3017

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R059	R059-1	R059-1-B1	Chip	2951	Discard	2960-2951
R059	R059-1	R059-1-B1	Chip	2921	Discard	2928-2915
R059	R059-1	R059-1-B1	Chip	2869	Discard	2878-2863
R059	R059-1	R059-1-B1	Chip	2853	Discard	2860-2825
R059	R059-1	R059-1-B1	Chip	2734	Discard	2737-2722
R059	R059-1	R059-1-B1	Chip	2361		
R059	R059-1	R059-1-B1	Chip	2334		
R059	R059-1	R059-1-B1	Chip	1729	Discard	1741-1723
R059	R059-1	R059-1-B1	Chip	1698	Discard	1704-1692
R059	R059-1	R059-1-B1	Chip	1600	Discard	1610-1600
R059	R059-1	R059-1-B1	Chip	1539	Discard	1543-1536
R059	R059-1	R059-1-B1	Chip	1500	Discard	1503-1493
R059	R059-1	R059-1-B1	Chip	1460	Discard	1463-1454
R059	R059-1	R059-1-B1	Chip	1374	Discard	1383-1374
R059	R059-1	R059-1-B1	Chip	1307	Discard	1316-1303
R059	R059-1	R059-1-B1	Chip	1267	Discard	1276-1266
R059	R059-1	R059-1-B1	Chip	913	Discard	913-884
R059	R059-1	R059-1-B1	Chip	760	Discard	769-751
R059	R059-1	R059-1-B1	Chip	702	Discard	705-696
R059	R059-1	R059-1-B2	Chip	3061	Discard	3070-3054
R059	R059-1	R059-1-B2	Chip	3022	Discard	3028-3017
R059	R059-1	R059-1-B2	Chip	2951	Discard	2960-2951
R059	R059-1	R059-1-B2	Chip	2924	Discard	2928-2915
R059	R059-1	R059-1-B2	Chip	2869	Discard	2878-2863
R059	R059-1	R059-1-B2	Chip	2857	Discard	2860-2825
R059	R059-1	R059-1-B2	Chip	2827	Discard	2860-2825
R059	R059-1	R059-1-B2	Chip	1732	Discard	1741-1723
R059	R059-1	R059-1-B2	Chip	1698	Discard	1704-1692
R059	R059-1	R059-1-B2	Chip	1606	Discard	1610-1600
R059	R059-1	R059-1-B2	Chip	1536	Discard	1543-1536
R059	R059-1	R059-1-B2	Chip	1496	Discard	1503-1493
R059	R059-1	R059-1-B2	Chip	1460	Discard	1463-1454
R059	R059-1	R059-1-B2	Chip	1377	Discard	1383-1374
R059	R059-1	R059-1-B2	Chip	1310	Discard	1316-1303
R059	R059-1	R059-1-B2	Chip	1273	Discard	1276-1266
R059	R059-1	R059-1-B2	Chip	1252	Discard	1255-1246
R059	R059-1	R059-1-B2	Chip	904	Discard	913-884
R059	R059-1	R059-1-B2	Chip	760	Discard	769-751
R059	R059-1	R059-1-B2	Chip	700	Discard	705-696
R059	R059-1	R059-1-B3	Chip	3064	Discard	3070-3054
R059	R059-1	R059-1-B3	Chip	3025	Discard	3028-3017
R059	R059-1	R059-1-B3	Chip	2954	Discard	2960-2951

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R059	R059-1	R059-1-B3	Chip	2924	Discard	2928-2915
R059	R059-1	R059-1-B3	Chip	2869	Discard	2878-2863
R059	R059-1	R059-1-B3	Chip	2857	Discard	2860-2825
R059	R059-1	R059-1-B3	Chip	1732	Discard	1741-1723
R059	R059-1	R059-1-B3	Chip	1698	Discard	1704-1692
R059	R059-1	R059-1-B3	Chip	1600	Discard	1610-1600
R059	R059-1	R059-1-B3	Chip	1542	Discard	1543-1536
R059	R059-1	R059-1-B3	Chip	1496	Discard	1503-1493
R059	R059-1	R059-1-B3	Chip	1457	Discard	1463-1454
R059	R059-1	R059-1-B3	Chip	1377	Discard	1383-1374
R059	R059-1	R059-1-B3	Chip	1307	Discard	1316-1303
R059	R059-1	R059-1-B3	Chip	1273	Discard	1276-1266
R059	R059-1	R059-1-B3	Chip	907	Discard	913-884
R059	R059-1	R059-1-B3	Chip	763	Discard	769-751
R059	R059-1	R059-1-B3	Chip	699	Discard	705-696
R059	R059-BODY	R059-BODY-B1	Body	3061	Discard	3070-3054
R059	R059-BODY	R059-BODY-B1	Body	3025	Discard	3028-3017
R059	R059-BODY	R059-BODY-B1	Body	2957	Discard	2960-2951
R059	R059-BODY	R059-BODY-B1	Body	2921	Discard	2928-2915
R059	R059-BODY	R059-BODY-B1	Body	2869	Discard	2878-2863
R059	R059-BODY	R059-BODY-B1	Body	2850	Discard	2860-2825
R059	R059-BODY	R059-BODY-B1	Body	2728	Discard	2737-2722
R059	R059-BODY	R059-BODY-B1	Body	1729	Discard	1741-1723
R059	R059-BODY	R059-BODY-B1	Body	1695	Discard	1704-1692
R059	R059-BODY	R059-BODY-B1	Body	1603	Discard	1610-1600
R059	R059-BODY	R059-BODY-B1	Body	1539	Discard	1543-1536
R059	R059-BODY	R059-BODY-B1	Body	1518		
R059	R059-BODY	R059-BODY-B1	Body	1500	Discard	1503-1493
R059	R059-BODY	R059-BODY-B1	Body	1454	Discard	1463-1454
R059	R059-BODY	R059-BODY-B1	Body	1374	Discard	1383-1374
R059	R059-BODY	R059-BODY-B1	Body	1307	Discard	1316-1303
R059	R059-BODY	R059-BODY-B1	Body	1270	Discard	1276-1266
R059	R059-BODY	R059-BODY-B1	Body	1249	Discard	1255-1246
R059	R059-BODY	R059-BODY-B1	Body	1163		
R059	R059-BODY	R059-BODY-B1	Body	1032		
R059	R059-BODY	R059-BODY-B1	Body	913	Discard	913-884
R059	R059-BODY	R059-BODY-B1	Body	891	Discard	913-884
R059	R059-BODY	R059-BODY-B1	Body	797		
R059	R059-BODY	R059-BODY-B1	Body	775		
R059	R059-BODY	R059-BODY-B1	Body	745		
R059	R059-BODY	R059-BODY-B1	Body	699	Discard	705-696
R059	R059-BODY	R059-BODY-B1	Body	580		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R059	R059-BODY	R059-BODY-B2	Body	3061	Discard	3070-3054
R059	R059-BODY	R059-BODY-B2	Body	3019	Discard	3028-3017
R059	R059-BODY	R059-BODY-B2	Body	2954	Discard	2960-2951
R059	R059-BODY	R059-BODY-B2	Body	2927	Discard	2928-2915
R059	R059-BODY	R059-BODY-B2	Body	2869	Discard	2878-2863
R059	R059-BODY	R059-BODY-B2	Body	2860	Discard	2860-2825
R059	R059-BODY	R059-BODY-B2	Body	2728	Discard	2737-2722
R059	R059-BODY	R059-BODY-B2	Body	1732	Discard	1741-1723
R059	R059-BODY	R059-BODY-B2	Body	1701	Discard	1704-1692
R059	R059-BODY	R059-BODY-B2	Body	1606	Discard	1610-1600
R059	R059-BODY	R059-BODY-B2	Body	1539	Discard	1543-1536
R059	R059-BODY	R059-BODY-B2	Body	1515		
R059	R059-BODY	R059-BODY-B2	Body	1496	Discard	1503-1493
R059	R059-BODY	R059-BODY-B2	Body	1460	Discard	1463-1454
R059	R059-BODY	R059-BODY-B2	Body	1374	Discard	1383-1374
R059	R059-BODY	R059-BODY-B2	Body	1310	Discard	1316-1303
R059	R059-BODY	R059-BODY-B2	Body	1273	Discard	1276-1266
R059	R059-BODY	R059-BODY-B2	Body	1249	Discard	1255-1246
R059	R059-BODY	R059-BODY-B2	Body	907	Discard	913-884
R059	R059-BODY	R059-BODY-B2	Body	763	Discard	769-751
R059	R059-BODY	R059-BODY-B2	Body	705	Discard	705-696
R059	R059-BODY	R059-BODY-B3	Body	3535	Discard	3544-3517
R059	R059-BODY	R059-BODY-B3	Body	3061	Discard	3070-3054
R059	R059-BODY	R059-BODY-B3	Body	3025	Discard	3028-3017
R059	R059-BODY	R059-BODY-B3	Body	2960	Discard	2960-2951
R059	R059-BODY	R059-BODY-B3	Body	2924	Discard	2928-2915
R059	R059-BODY	R059-BODY-B3	Body	2872	Discard	2878-2863
R059	R059-BODY	R059-BODY-B3	Body	2850	Discard	2860-2825
R059	R059-BODY	R059-BODY-B3	Body	2728	Discard	2737-2722
R059	R059-BODY	R059-BODY-B3	Body	2361		
R059	R059-BODY	R059-BODY-B3	Body	2325		
R059	R059-BODY	R059-BODY-B3	Body	1732	Discard	1741-1723
R059	R059-BODY	R059-BODY-B3	Body	1698	Discard	1704-1692
R059	R059-BODY	R059-BODY-B3	Body	1603	Discard	1610-1600
R059	R059-BODY	R059-BODY-B3	Body	1542	Discard	1543-1536
R059	R059-BODY	R059-BODY-B3	Body	1515		
R059	R059-BODY	R059-BODY-B3	Body	1493	Discard	1503-1493
R059	R059-BODY	R059-BODY-B3	Body	1457	Discard	1463-1454
R059	R059-BODY	R059-BODY-B3	Body	1374	Discard	1383-1374
R059	R059-BODY	R059-BODY-B3	Body	1307	Discard	1316-1303
R059	R059-BODY	R059-BODY-B3	Body	1273	Discard	1276-1266
R059	R059-BODY	R059-BODY-B3	Body	1255	Discard	1255-1246

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R059	R059-BODY	R059-BODY-B3	Body	968		
R059	R059-BODY	R059-BODY-B3	Body	897	Discard	913-884
R059	R059-BODY	R059-BODY-B3	Body	778		
R059	R059-BODY	R059-BODY-B3	Body	757	Discard	769-751
R059	R059-BODY	R059-BODY-B3	Body	699	Discard	705-696
R060	R060-1	R060-1-B1	Chip	3064	Discard	3070-3054
R060	R060-1	R060-1-B1	Chip	3019	Discard	3028-3017
R060	R060-1	R060-1-B1	Chip	2954	Discard	2960-2951
R060	R060-1	R060-1-B1	Chip	2924	Discard	2928-2915
R060	R060-1	R060-1-B1	Chip	2869	Discard	2878-2863
R060	R060-1	R060-1-B1	Chip	2853	Discard	2860-2825
R060	R060-1	R060-1-B1	Chip	2731	Discard	2737-2722
R060	R060-1	R060-1-B1	Chip	2358		
R060	R060-1	R060-1-B1	Chip	2322		
R060	R060-1	R060-1-B1	Chip	1982		
R060	R060-1	R060-1-B1	Chip	1726	Discard	1741-1723
R060	R060-1	R060-1-B1	Chip	1701	Discard	1704-1692
R060	R060-1	R060-1-B1	Chip	1603	Discard	1610-1600
R060	R060-1	R060-1-B1	Chip	1539	Discard	1543-1536
R060	R060-1	R060-1-B1	Chip	1518		
R060	R060-1	R060-1-B1	Chip	1493	Discard	1503-1493
R060	R060-1	R060-1-B1	Chip	1457	Discard	1463-1454
R060	R060-1	R060-1-B1	Chip	1377	Discard	1383-1374
R060	R060-1	R060-1-B1	Chip	1310	Discard	1316-1303
R060	R060-1	R060-1-B1	Chip	1270	Discard	1276-1266
R060	R060-1	R060-1-B1	Chip	1252	Discard	1255-1246
R060	R060-1	R060-1-B1	Chip	900	Discard	913-884
R060	R060-1	R060-1-B1	Chip	778		
R060	R060-1	R060-1-B1	Chip	760	Discard	769-751
R060	R060-1	R060-1-B1	Chip	702	Discard	705-696
R060	R060-1	R060-1-B2	Chip	3064	Discard	3070-3054
R060	R060-1	R060-1-B2	Chip	3019	Discard	3028-3017
R060	R060-1	R060-1-B2	Chip	2951	Discard	2960-2951
R060	R060-1	R060-1-B2	Chip	2927	Discard	2928-2915
R060	R060-1	R060-1-B2	Chip	2872	Discard	2878-2863
R060	R060-1	R060-1-B2	Chip	2860	Discard	2860-2825
R060	R060-1	R060-1-B2	Chip	1735	Discard	1741-1723
R060	R060-1	R060-1-B2	Chip	1698	Discard	1704-1692
R060	R060-1	R060-1-B2	Chip	1610	Discard	1610-1600
R060	R060-1	R060-1-B2	Chip	1539	Discard	1543-1536
R060	R060-1	R060-1-B2	Chip	1503	Discard	1503-1493
R060	R060-1	R060-1-B2	Chip	1457	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R060	R060-1	R060-1-B2	Chip	1408		
R060	R060-1	R060-1-B2	Chip	1377	Discard	1383-1374
R060	R060-1	R060-1-B2	Chip	1310	Discard	1316-1303
R060	R060-1	R060-1-B2	Chip	1276	Discard	1276-1266
R060	R060-1	R060-1-B2	Chip	907	Discard	913-884
R060	R060-1	R060-1-B2	Chip	763	Discard	769-751
R060	R060-1	R060-1-B2	Chip	699	Discard	705-696
R060	R060-1	R060-1-B3	Chip	3535	Discard	3544-3517
R060	R060-1	R060-1-B3	Chip	3061	Discard	3070-3054
R060	R060-1	R060-1-B3	Chip	3028	Discard	3028-3017
R060	R060-1	R060-1-B3	Chip	2957	Discard	2960-2951
R060	R060-1	R060-1-B3	Chip	2924	Discard	2928-2915
R060	R060-1	R060-1-B3	Chip	2869	Discard	2878-2863
R060	R060-1	R060-1-B3	Chip	2853	Discard	2860-2825
R060	R060-1	R060-1-B3	Chip	2731	Discard	2737-2722
R060	R060-1	R060-1-B3	Chip	1729	Discard	1741-1723
R060	R060-1	R060-1-B3	Chip	1701	Discard	1704-1692
R060	R060-1	R060-1-B3	Chip	1606	Discard	1610-1600
R060	R060-1	R060-1-B3	Chip	1539	Discard	1543-1536
R060	R060-1	R060-1-B3	Chip	1493	Discard	1503-1493
R060	R060-1	R060-1-B3	Chip	1460	Discard	1463-1454
R060	R060-1	R060-1-B3	Chip	1377	Discard	1383-1374
R060	R060-1	R060-1-B3	Chip	1307	Discard	1316-1303
R060	R060-1	R060-1-B3	Chip	1267	Discard	1276-1266
R060	R060-1	R060-1-B3	Chip	907	Discard	913-884
R060	R060-1	R060-1-B3	Chip	763	Discard	769-751
R060	R060-1	R060-1-B3	Chip	702	Discard	705-696
R060	R060-BODY	R060-BODY-B1	Body	2960	Discard	2960-2951
R060	R060-BODY	R060-BODY-B1	Body	2924	Discard	2928-2915
R060	R060-BODY	R060-BODY-B1	Body	2875	Discard	2878-2863
R060	R060-BODY	R060-BODY-B1	Body	2853	Discard	2860-2825
R060	R060-BODY	R060-BODY-B1	Body	1463	Discard	1463-1454
R060	R060-BODY	R060-BODY-B1	Body	909	Discard	913-884
R060	R060-BODY	R060-BODY-B1	Body	769	Discard	769-751
R060	R060-BODY	R060-BODY-B2	Body	3064	Discard	3070-3054
R060	R060-BODY	R060-BODY-B2	Body	3022	Discard	3028-3017
R060	R060-BODY	R060-BODY-B2	Body	2951	Discard	2960-2951
R060	R060-BODY	R060-BODY-B2	Body	2927	Discard	2928-2915
R060	R060-BODY	R060-BODY-B2	Body	2869	Discard	2878-2863
R060	R060-BODY	R060-BODY-B2	Body	2853	Discard	2860-2825
R060	R060-BODY	R060-BODY-B2	Body	1726	Discard	1741-1723
R060	R060-BODY	R060-BODY-B2	Body	1698	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R060	R060-BODY	R060-BODY-B2	Body	1610	Discard	1610-1600
R060	R060-BODY	R060-BODY-B2	Body	1539	Discard	1543-1536
R060	R060-BODY	R060-BODY-B2	Body	1496	Discard	1503-1493
R060	R060-BODY	R060-BODY-B2	Body	1457	Discard	1463-1454
R060	R060-BODY	R060-BODY-B2	Body	1380	Discard	1383-1374
R060	R060-BODY	R060-BODY-B2	Body	1313	Discard	1316-1303
R060	R060-BODY	R060-BODY-B2	Body	1266	Discard	1276-1266
R060	R060-BODY	R060-BODY-B2	Body	904	Discard	913-884
R060	R060-BODY	R060-BODY-B2	Body	766	Discard	769-751
R060	R060-BODY	R060-BODY-B2	Body	702	Discard	705-696
R060	R060-BODY	R060-BODY-B3	Body	3061	Discard	3070-3054
R060	R060-BODY	R060-BODY-B3	Body	3022	Discard	3028-3017
R060	R060-BODY	R060-BODY-B3	Body	2954	Discard	2960-2951
R060	R060-BODY	R060-BODY-B3	Body	2927	Discard	2928-2915
R060	R060-BODY	R060-BODY-B3	Body	2869	Discard	2878-2863
R060	R060-BODY	R060-BODY-B3	Body	2857	Discard	2860-2825
R060	R060-BODY	R060-BODY-B3	Body	1729	Discard	1741-1723
R060	R060-BODY	R060-BODY-B3	Body	1695	Discard	1704-1692
R060	R060-BODY	R060-BODY-B3	Body	1603	Discard	1610-1600
R060	R060-BODY	R060-BODY-B3	Body	1539	Discard	1543-1536
R060	R060-BODY	R060-BODY-B3	Body	1496	Discard	1503-1493
R060	R060-BODY	R060-BODY-B3	Body	1457	Discard	1463-1454
R060	R060-BODY	R060-BODY-B3	Body	1402		
R060	R060-BODY	R060-BODY-B3	Body	1380	Discard	1383-1374
R060	R060-BODY	R060-BODY-B3	Body	1316	Discard	1316-1303
R060	R060-BODY	R060-BODY-B3	Body	1273	Discard	1276-1266
R060	R060-BODY	R060-BODY-B3	Body	1252	Discard	1255-1246
R060	R060-BODY	R060-BODY-B3	Body	904	Discard	913-884
R060	R060-BODY	R060-BODY-B3	Body	763	Discard	769-751
R060	R060-BODY	R060-BODY-B3	Body	702	Discard	705-696
R061	R061-1	R061-1-B1	Chip	3061	Discard	3070-3054
R061	R061-1	R061-1-B1	Chip	3025	Discard	3028-3017
R061	R061-1	R061-1-B1	Chip	2951	Discard	2960-2951
R061	R061-1	R061-1-B1	Chip	2924	Discard	2928-2915
R061	R061-1	R061-1-B1	Chip	2878	Discard	2878-2863
R061	R061-1	R061-1-B1	Chip	2850	Discard	2860-2825
R061	R061-1	R061-1-B1	Chip	2361		
R061	R061-1	R061-1-B1	Chip	2334		
R061	R061-1	R061-1-B1	Chip	1729	Discard	1741-1723
R061	R061-1	R061-1-B1	Chip	1695	Discard	1704-1692
R061	R061-1	R061-1-B1	Chip	1606	Discard	1610-1600
R061	R061-1	R061-1-B1	Chip	1539	Discard	1543-1536

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R061	R061-1	R061-1-B1	Chip	1503	Discard	1503-1493
R061	R061-1	R061-1-B1	Chip	1460	Discard	1463-1454
R061	R061-1	R061-1-B1	Chip	1399		
R061	R061-1	R061-1-B1	Chip	1377	Discard	1383-1374
R061	R061-1	R061-1-B1	Chip	907	Discard	913-884
R061	R061-1	R061-1-B1	Chip	769	Discard	769-751
R061	R061-1	R061-1-B1	Chip	699	Discard	705-696
R061	R061-1	R061-1-B2	Chip	3544	Discard	3544-3517
R061	R061-1	R061-1-B2	Chip	3070	Discard	3070-3054
R061	R061-1	R061-1-B2	Chip	3028	Discard	3028-3017
R061	R061-1	R061-1-B2	Chip	2921	Discard	2928-2915
R061	R061-1	R061-1-B2	Chip	2915	Discard	2928-2915
R061	R061-1	R061-1-B2	Chip	2869	Discard	2878-2863
R061	R061-1	R061-1-B2	Chip	2853	Discard	2860-2825
R061	R061-1	R061-1-B2	Chip	2725	Discard	2737-2722
R061	R061-1	R061-1-B2	Chip	2355		
R061	R061-1	R061-1-B2	Chip	2325		
R061	R061-1	R061-1-B2	Chip	1729	Discard	1741-1723
R061	R061-1	R061-1-B2	Chip	1698	Discard	1704-1692
R061	R061-1	R061-1-B2	Chip	1600	Discard	1610-1600
R061	R061-1	R061-1-B2	Chip	1536	Discard	1543-1536
R061	R061-1	R061-1-B2	Chip	1518		
R061	R061-1	R061-1-B2	Chip	1496	Discard	1503-1493
R061	R061-1	R061-1-B2	Chip	1460	Discard	1463-1454
R061	R061-1	R061-1-B2	Chip	1402		
R061	R061-1	R061-1-B2	Chip	1383	Discard	1383-1374
R061	R061-1	R061-1-B2	Chip	1310	Discard	1316-1303
R061	R061-1	R061-1-B2	Chip	1267	Discard	1276-1266
R061	R061-1	R061-1-B2	Chip	900	Discard	913-884
R061	R061-1	R061-1-B2	Chip	757	Discard	769-751
R061	R061-1	R061-1-B2	Chip	702	Discard	705-696
R061	R061-1	R061-1-B3	Chip	3281	Discard	3413-3281
R061	R061-1	R061-1-B3	Chip	3061	Discard	3070-3054
R061	R061-1	R061-1-B3	Chip	3025	Discard	3028-3017
R061	R061-1	R061-1-B3	Chip	2954	Discard	2960-2951
R061	R061-1	R061-1-B3	Chip	2924	Discard	2928-2915
R061	R061-1	R061-1-B3	Chip	2875	Discard	2878-2863
R061	R061-1	R061-1-B3	Chip	2857	Discard	2860-2825
R061	R061-1	R061-1-B3	Chip	2358		
R061	R061-1	R061-1-B3	Chip	2325		
R061	R061-1	R061-1-B3	Chip	1735	Discard	1741-1723
R061	R061-1	R061-1-B3	Chip	1649		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R061	R061-1	R061-1-B3	Chip	1634		
R061	R061-1	R061-1-B3	Chip	1539	Discard	1543-1536
R061	R061-1	R061-1-B3	Chip	1518		
R061	R061-1	R061-1-B3	Chip	1457	Discard	1463-1454
R061	R061-1	R061-1-B3	Chip	1420	Residue	
R061	R061-1	R061-1-B3	Chip	1383	Discard	1383-1374
R061	R061-1	R061-1-B3	Chip	1313	Discard	1316-1303
R061	R061-1	R061-1-B3	Chip	1273	Discard	1276-1266
R061	R061-1	R061-1-B3	Chip	1252	Discard	1255-1246
R061	R061-1	R061-1-B3	Chip	897	Discard	913-884
R061	R061-1	R061-1-B3	Chip	757	Discard	769-751
R061	R061-1	R061-1-B3	Chip	705	Discard	705-696
R061	R061-BODY	R061-BODY-B1	Body	3535	Discard	3544-3517
R061	R061-BODY	R061-BODY-B1	Body	3300	Discard	3413-3281
R061	R061-BODY	R061-BODY-B1	Body	3061	Discard	3070-3054
R061	R061-BODY	R061-BODY-B1	Body	3019	Discard	3028-3017
R061	R061-BODY	R061-BODY-B1	Body	2954	Discard	2960-2951
R061	R061-BODY	R061-BODY-B1	Body	2927	Discard	2928-2915
R061	R061-BODY	R061-BODY-B1	Body	2872	Discard	2878-2863
R061	R061-BODY	R061-BODY-B1	Body	2857	Discard	2860-2825
R061	R061-BODY	R061-BODY-B1	Body	2725	Discard	2737-2722
R061	R061-BODY	R061-BODY-B1	Body	1729	Discard	1741-1723
R061	R061-BODY	R061-BODY-B1	Body	1695	Discard	1704-1692
R061	R061-BODY	R061-BODY-B1	Body	1600	Discard	1610-1600
R061	R061-BODY	R061-BODY-B1	Body	1539	Discard	1543-1536
R061	R061-BODY	R061-BODY-B1	Body	1496	Discard	1503-1493
R061	R061-BODY	R061-BODY-B1	Body	1457	Discard	1463-1454
R061	R061-BODY	R061-BODY-B1	Body	1377	Discard	1383-1374
R061	R061-BODY	R061-BODY-B1	Body	1307	Discard	1316-1303
R061	R061-BODY	R061-BODY-B1	Body	1273	Discard	1276-1266
R061	R061-BODY	R061-BODY-B1	Body	1255	Discard	1255-1246
R061	R061-BODY	R061-BODY-B1	Body	971		
R061	R061-BODY	R061-BODY-B1	Body	900	Discard	913-884
R061	R061-BODY	R061-BODY-B1	Body	754	Discard	769-751
R061	R061-BODY	R061-BODY-B1	Body	705	Discard	705-696
R061	R061-BODY	R061-BODY-B2	Body	3064	Discard	3070-3054
R061	R061-BODY	R061-BODY-B2	Body	3022	Discard	3028-3017
R061	R061-BODY	R061-BODY-B2	Body	2954	Discard	2960-2951
R061	R061-BODY	R061-BODY-B2	Body	2924	Discard	2928-2915
R061	R061-BODY	R061-BODY-B2	Body	2869	Discard	2878-2863
R061	R061-BODY	R061-BODY-B2	Body	2857	Discard	2860-2825
R061	R061-BODY	R061-BODY-B2	Body	2728	Discard	2737-2722

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R061	R061-BODY	R061-BODY-B2	Body	2361		
R061	R061-BODY	R061-BODY-B2	Body	2334		
R061	R061-BODY	R061-BODY-B2	Body	1729	Discard	1741-1723
R061	R061-BODY	R061-BODY-B2	Body	1698	Discard	1704-1692
R061	R061-BODY	R061-BODY-B2	Body	1603	Discard	1610-1600
R061	R061-BODY	R061-BODY-B2	Body	1539	Discard	1543-1536
R061	R061-BODY	R061-BODY-B2	Body	1518		
R061	R061-BODY	R061-BODY-B2	Body	1493	Discard	1503-1493
R061	R061-BODY	R061-BODY-B2	Body	1457	Discard	1463-1454
R061	R061-BODY	R061-BODY-B2	Body	1399		
R061	R061-BODY	R061-BODY-B2	Body	1380	Discard	1383-1374
R061	R061-BODY	R061-BODY-B2	Body	1310	Discard	1316-1303
R061	R061-BODY	R061-BODY-B2	Body	1270	Discard	1276-1266
R061	R061-BODY	R061-BODY-B2	Body	1252	Discard	1255-1246
R061	R061-BODY	R061-BODY-B2	Body	894	Discard	913-884
R061	R061-BODY	R061-BODY-B2	Body	757	Discard	769-751
R061	R061-BODY	R061-BODY-B2	Body	705	Discard	705-696
R061	R061-BODY	R061-BODY-B3	Body	3529	Discard	3544-3517
R061	R061-BODY	R061-BODY-B3	Body	3061	Discard	3070-3054
R061	R061-BODY	R061-BODY-B3	Body	3022	Discard	3028-3017
R061	R061-BODY	R061-BODY-B3	Body	2957	Discard	2960-2951
R061	R061-BODY	R061-BODY-B3	Body	2921	Discard	2928-2915
R061	R061-BODY	R061-BODY-B3	Body	2872	Discard	2878-2863
R061	R061-BODY	R061-BODY-B3	Body	2857	Discard	2860-2825
R061	R061-BODY	R061-BODY-B3	Body	2731	Discard	2737-2722
R061	R061-BODY	R061-BODY-B3	Body	1729	Discard	1741-1723
R061	R061-BODY	R061-BODY-B3	Body	1695	Discard	1704-1692
R061	R061-BODY	R061-BODY-B3	Body	1603	Discard	1610-1600
R061	R061-BODY	R061-BODY-B3	Body	1585		
R061	R061-BODY	R061-BODY-B3	Body	1536	Discard	1543-1536
R061	R061-BODY	R061-BODY-B3	Body	1515		
R061	R061-BODY	R061-BODY-B3	Body	1496	Discard	1503-1493
R061	R061-BODY	R061-BODY-B3	Body	1454	Discard	1463-1454
R061	R061-BODY	R061-BODY-B3	Body	1380	Discard	1383-1374
R061	R061-BODY	R061-BODY-B3	Body	1310	Discard	1316-1303
R061	R061-BODY	R061-BODY-B3	Body	1273	Discard	1276-1266
R061	R061-BODY	R061-BODY-B3	Body	1255	Discard	1255-1246
R061	R061-BODY	R061-BODY-B3	Body	900	Discard	913-884
R061	R061-BODY	R061-BODY-B3	Body	757	Discard	769-751
R061	R061-BODY	R061-BODY-B3	Body	702	Discard	705-696
R062	R062-1	R062-1-B1	Chip	3538	Discard	3544-3517
R062	R062-1	R062-1-B1	Chip	3046		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R062	R062-1	R062-1-B1	Chip	3022	Discard	3028-3017
R062	R062-1	R062-1-B1	Chip	2951	Discard	2960-2951
R062	R062-1	R062-1-B1	Chip	2921	Discard	2928-2915
R062	R062-1	R062-1-B1	Chip	2872	Discard	2878-2863
R062	R062-1	R062-1-B1	Chip	2853	Discard	2860-2825
R062	R062-1	R062-1-B1	Chip	2734	Discard	2737-2722
R062	R062-1	R062-1-B1	Chip	2361		
R062	R062-1	R062-1-B1	Chip	2325		
R062	R062-1	R062-1-B1	Chip	1723	Discard	1741-1723
R062	R062-1	R062-1-B1	Chip	1704	Discard	1704-1692
R062	R062-1	R062-1-B1	Chip	1603	Discard	1610-1600
R062	R062-1	R062-1-B1	Chip	1539	Discard	1543-1536
R062	R062-1	R062-1-B1	Chip	1496	Discard	1503-1493
R062	R062-1	R062-1-B1	Chip	1457	Discard	1463-1454
R062	R062-1	R062-1-B1	Chip	1399		
R062	R062-1	R062-1-B1	Chip	1377	Discard	1383-1374
R062	R062-1	R062-1-B1	Chip	1307	Discard	1316-1303
R062	R062-1	R062-1-B1	Chip	1252	Discard	1255-1246
R062	R062-1	R062-1-B1	Chip	965		
R062	R062-1	R062-1-B1	Chip	900	Discard	913-884
R062	R062-1	R062-1-B1	Chip	775		
R062	R062-1	R062-1-B1	Chip	702	Discard	705-696
R062	R062-1	R062-1-B2	Chip	2953	Discard	2960-2951
R062	R062-1	R062-1-B2	Chip	2925	Discard	2928-2915
R062	R062-1	R062-1-B2	Chip	2873	Discard	2878-2863
R062	R062-1	R062-1-B2	Chip	2855	Discard	2860-2825
R062	R062-1	R062-1-B2	Chip	1728	Discard	1741-1723
R062	R062-1	R062-1-B2	Chip	1697	Discard	1704-1692
R062	R062-1	R062-1-B2	Chip	1543	Discard	1543-1536
R062	R062-1	R062-1-B2	Chip	1460	Discard	1463-1454
R062	R062-1	R062-1-B2	Chip	1375	Discard	1383-1374
R062	R062-1	R062-1-B2	Chip	909	Discard	913-884
R062	R062-1	R062-1-B2	Chip	765	Discard	769-751
R062	R062-1	R062-1-B2	Chip	700	Discard	705-696
R062	R062-1	R062-1-B3	Chip	3028	Discard	3028-3017
R062	R062-1	R062-1-B3	Chip	2954	Discard	2960-2951
R062	R062-1	R062-1-B3	Chip	2927	Discard	2928-2915
R062	R062-1	R062-1-B3	Chip	2869	Discard	2878-2863
R062	R062-1	R062-1-B3	Chip	2857	Discard	2860-2825
R062	R062-1	R062-1-B3	Chip	2731	Discard	2737-2722
R062	R062-1	R062-1-B3	Chip	1735	Discard	1741-1723
R062	R062-1	R062-1-B3	Chip	1695	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R062	R062-1	R062-1-B3	Chip	1606	Discard	1610-1600
R062	R062-1	R062-1-B3	Chip	1539	Discard	1543-1536
R062	R062-1	R062-1-B3	Chip	1496	Discard	1503-1493
R062	R062-1	R062-1-B3	Chip	1460	Discard	1463-1454
R062	R062-1	R062-1-B3	Chip	1399		
R062	R062-1	R062-1-B3	Chip	1377	Discard	1383-1374
R062	R062-1	R062-1-B3	Chip	1304	Discard	1316-1303
R062	R062-1	R062-1-B3	Chip	1270	Discard	1276-1266
R062	R062-1	R062-1-B3	Chip	1255	Discard	1255-1246
R062	R062-1	R062-1-B3	Chip	900	Discard	913-884
R062	R062-1	R062-1-B3	Chip	760	Discard	769-751
R062	R062-1	R062-1-B3	Chip	699	Discard	705-696
R062	R062-BODY	R062-BODY-B1	Body	3070	Discard	3070-3054
R062	R062-BODY	R062-BODY-B1	Body	3022	Discard	3028-3017
R062	R062-BODY	R062-BODY-B1	Body	2951	Discard	2960-2951
R062	R062-BODY	R062-BODY-B1	Body	2921	Discard	2928-2915
R062	R062-BODY	R062-BODY-B1	Body	2869	Discard	2878-2863
R062	R062-BODY	R062-BODY-B1	Body	2853	Discard	2860-2825
R062	R062-BODY	R062-BODY-B1	Body	2734	Discard	2737-2722
R062	R062-BODY	R062-BODY-B1	Body	1729	Discard	1741-1723
R062	R062-BODY	R062-BODY-B1	Body	1701	Discard	1704-1692
R062	R062-BODY	R062-BODY-B1	Body	1603	Discard	1610-1600
R062	R062-BODY	R062-BODY-B1	Body	1539	Discard	1543-1536
R062	R062-BODY	R062-BODY-B1	Body	1496	Discard	1503-1493
R062	R062-BODY	R062-BODY-B1	Body	1457	Discard	1463-1454
R062	R062-BODY	R062-BODY-B1	Body	1377	Discard	1383-1374
R062	R062-BODY	R062-BODY-B1	Body	1313	Discard	1316-1303
R062	R062-BODY	R062-BODY-B1	Body	1270	Discard	1276-1266
R062	R062-BODY	R062-BODY-B1	Body	1249	Discard	1255-1246
R062	R062-BODY	R062-BODY-B1	Body	900	Discard	913-884
R062	R062-BODY	R062-BODY-B1	Body	760	Discard	769-751
R062	R062-BODY	R062-BODY-B1	Body	699	Discard	705-696
R062	R062-BODY	R062-BODY-B2	Body	3064	Discard	3070-3054
R062	R062-BODY	R062-BODY-B2	Body	3025	Discard	3028-3017
R062	R062-BODY	R062-BODY-B2	Body	2954	Discard	2960-2951
R062	R062-BODY	R062-BODY-B2	Body	2921	Discard	2928-2915
R062	R062-BODY	R062-BODY-B2	Body	2872	Discard	2878-2863
R062	R062-BODY	R062-BODY-B2	Body	2857	Discard	2860-2825
R062	R062-BODY	R062-BODY-B2	Body	2731	Discard	2737-2722
R062	R062-BODY	R062-BODY-B2	Body	1729	Discard	1741-1723
R062	R062-BODY	R062-BODY-B2	Body	1698	Discard	1704-1692
R062	R062-BODY	R062-BODY-B2	Body	1610	Discard	1610-1600

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R062	R062-BODY	R062-BODY-B2	Body	1539	Discard	1543-1536
R062	R062-BODY	R062-BODY-B2	Body	1515		
R062	R062-BODY	R062-BODY-B2	Body	1493	Discard	1503-1493
R062	R062-BODY	R062-BODY-B2	Body	1460	Discard	1463-1454
R062	R062-BODY	R062-BODY-B2	Body	1377	Discard	1383-1374
R062	R062-BODY	R062-BODY-B2	Body	1310	Discard	1316-1303
R062	R062-BODY	R062-BODY-B2	Body	1270	Discard	1276-1266
R062	R062-BODY	R062-BODY-B2	Body	1252	Discard	1255-1246
R062	R062-BODY	R062-BODY-B2	Body	904	Discard	913-884
R062	R062-BODY	R062-BODY-B2	Body	760	Discard	769-751
R062	R062-BODY	R062-BODY-B2	Body	705	Discard	705-696
R062	R062-BODY	R062-BODY-B3	Body	3535	Discard	3544-3517
R062	R062-BODY	R062-BODY-B3	Body	3070	Discard	3070-3054
R062	R062-BODY	R062-BODY-B3	Body	3025	Discard	3028-3017
R062	R062-BODY	R062-BODY-B3	Body	2951	Discard	2960-2951
R062	R062-BODY	R062-BODY-B3	Body	2924	Discard	2928-2915
R062	R062-BODY	R062-BODY-B3	Body	2869	Discard	2878-2863
R062	R062-BODY	R062-BODY-B3	Body	2857	Discard	2860-2825
R062	R062-BODY	R062-BODY-B3	Body	1729	Discard	1741-1723
R062	R062-BODY	R062-BODY-B3	Body	1698	Discard	1704-1692
R062	R062-BODY	R062-BODY-B3	Body	1603	Discard	1610-1600
R062	R062-BODY	R062-BODY-B3	Body	1539	Discard	1543-1536
R062	R062-BODY	R062-BODY-B3	Body	1515		
R062	R062-BODY	R062-BODY-B3	Body	1493	Discard	1503-1493
R062	R062-BODY	R062-BODY-B3	Body	1460	Discard	1463-1454
R062	R062-BODY	R062-BODY-B3	Body	1380	Discard	1383-1374
R062	R062-BODY	R062-BODY-B3	Body	1310	Discard	1316-1303
R062	R062-BODY	R062-BODY-B3	Body	1270	Discard	1276-1266
R062	R062-BODY	R062-BODY-B3	Body	1249	Discard	1255-1246
R062	R062-BODY	R062-BODY-B3	Body	900	Discard	913-884
R062	R062-BODY	R062-BODY-B3	Body	760	Discard	769-751
R062	R062-BODY	R062-BODY-B3	Body	702	Discard	705-696
R063	R063-1	R063-1-B1	Chip	3061	Discard	3070-3054
R063	R063-1	R063-1-B1	Chip	3019	Discard	3028-3017
R063	R063-1	R063-1-B1	Chip	2951	Discard	2960-2951
R063	R063-1	R063-1-B1	Chip	2921	Discard	2928-2915
R063	R063-1	R063-1-B1	Chip	2872	Discard	2878-2863
R063	R063-1	R063-1-B1	Chip	2850	Discard	2860-2825
R063	R063-1	R063-1-B1	Chip	2722	Discard	2737-2722
R063	R063-1	R063-1-B1	Chip	2352		
R063	R063-1	R063-1-B1	Chip	1732	Discard	1741-1723
R063	R063-1	R063-1-B1	Chip	1701	Discard	1704-1692

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R063	R063-1	R063-1-B1	Chip	1603	Discard	1610-1600
R063	R063-1	R063-1-B1	Chip	1539	Discard	1543-1536
R063	R063-1	R063-1-B1	Chip	1515		
R063	R063-1	R063-1-B1	Chip	1493	Discard	1503-1493
R063	R063-1	R063-1-B1	Chip	1457	Discard	1463-1454
R063	R063-1	R063-1-B1	Chip	1380	Discard	1383-1374
R063	R063-1	R063-1-B1	Chip	1307	Discard	1316-1303
R063	R063-1	R063-1-B1	Chip	1270	Discard	1276-1266
R063	R063-1	R063-1-B1	Chip	1252	Discard	1255-1246
R063	R063-1	R063-1-B1	Chip	900	Discard	913-884
R063	R063-1	R063-1-B1	Chip	757	Discard	769-751
R063	R063-1	R063-1-B1	Chip	705	Discard	705-696
R063	R063-1	R063-1-B2	Chip	3535	Discard	3544-3517
R063	R063-1	R063-1-B2	Chip	3064	Discard	3070-3054
R063	R063-1	R063-1-B2	Chip	3025	Discard	3028-3017
R063	R063-1	R063-1-B2	Chip	2954	Discard	2960-2951
R063	R063-1	R063-1-B2	Chip	2924	Discard	2928-2915
R063	R063-1	R063-1-B2	Chip	2869	Discard	2878-2863
R063	R063-1	R063-1-B2	Chip	2857	Discard	2860-2825
R063	R063-1	R063-1-B2	Chip	2731	Discard	2737-2722
R063	R063-1	R063-1-B2	Chip	1732	Discard	1741-1723
R063	R063-1	R063-1-B2	Chip	1698	Discard	1704-1692
R063	R063-1	R063-1-B2	Chip	1600	Discard	1610-1600
R063	R063-1	R063-1-B2	Chip	1539	Discard	1543-1536
R063	R063-1	R063-1-B2	Chip	1518		
R063	R063-1	R063-1-B2	Chip	1496	Discard	1503-1493
R063	R063-1	R063-1-B2	Chip	1460	Discard	1463-1454
R063	R063-1	R063-1-B2	Chip	1377	Discard	1383-1374
R063	R063-1	R063-1-B2	Chip	1313	Discard	1316-1303
R063	R063-1	R063-1-B2	Chip	1273	Discard	1276-1266
R063	R063-1	R063-1-B2	Chip	1249	Discard	1255-1246
R063	R063-1	R063-1-B2	Chip	900	Discard	913-884
R063	R063-1	R063-1-B2	Chip	760	Discard	769-751
R063	R063-1	R063-1-B2	Chip	705	Discard	705-696
R063	R063-1	R063-1-B3	Chip	2957	Discard	2960-2951
R063	R063-1	R063-1-B3	Chip	2927	Discard	2928-2915
R063	R063-1	R063-1-B3	Chip	2875	Discard	2878-2863
R063	R063-1	R063-1-B3	Chip	2583	Residue	
R063	R063-1	R063-1-B3	Chip	1732	Discard	1741-1723
R063	R063-1	R063-1-B3	Chip	1701	Discard	1704-1692
R063	R063-1	R063-1-B3	Chip	1539	Discard	1543-1536
R063	R063-1	R063-1-B3	Chip	1463	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R063	R063-1	R063-1-B3	Chip	907	Discard	913-884
R063	R063-1	R063-1-B3	Chip	769	Discard	769-751
R063	R063-1	R063-1-B3	Chip	702	Discard	705-696
R063	R063-BODY	R063-BODY-B1	Body	3064	Discard	3070-3054
R063	R063-BODY	R063-BODY-B1	Body	3025	Discard	3028-3017
R063	R063-BODY	R063-BODY-B1	Body	2954	Discard	2960-2951
R063	R063-BODY	R063-BODY-B1	Body	2921	Discard	2928-2915
R063	R063-BODY	R063-BODY-B1	Body	2872	Discard	2878-2863
R063	R063-BODY	R063-BODY-B1	Body	2853	Discard	2860-2825
R063	R063-BODY	R063-BODY-B1	Body	1729	Discard	1741-1723
R063	R063-BODY	R063-BODY-B1	Body	1695	Discard	1704-1692
R063	R063-BODY	R063-BODY-B1	Body	1600	Discard	1610-1600
R063	R063-BODY	R063-BODY-B1	Body	1542	Discard	1543-1536
R063	R063-BODY	R063-BODY-B1	Body	1518		
R063	R063-BODY	R063-BODY-B1	Body	1496	Discard	1503-1493
R063	R063-BODY	R063-BODY-B1	Body	1463	Discard	1463-1454
R063	R063-BODY	R063-BODY-B1	Body	1377	Discard	1383-1374
R063	R063-BODY	R063-BODY-B1	Body	1310	Discard	1316-1303
R063	R063-BODY	R063-BODY-B1	Body	1273	Discard	1276-1266
R063	R063-BODY	R063-BODY-B1	Body	1246	Discard	1255-1246
R063	R063-BODY	R063-BODY-B1	Body	904	Discard	913-884
R063	R063-BODY	R063-BODY-B1	Body	763	Discard	769-751
R063	R063-BODY	R063-BODY-B1	Body	711		
R063	R063-BODY	R063-BODY-B1	Body	586		
R063	R063-BODY	R063-BODY-B1	Body	564		
R063	R063-BODY	R063-BODY-B2	Body	3064	Discard	3070-3054
R063	R063-BODY	R063-BODY-B2	Body	3019	Discard	3028-3017
R063	R063-BODY	R063-BODY-B2	Body	2957	Discard	2960-2951
R063	R063-BODY	R063-BODY-B2	Body	2921	Discard	2928-2915
R063	R063-BODY	R063-BODY-B2	Body	2872	Discard	2878-2863
R063	R063-BODY	R063-BODY-B2	Body	2857	Discard	2860-2825
R063	R063-BODY	R063-BODY-B2	Body	2725	Discard	2737-2722
R063	R063-BODY	R063-BODY-B2	Body	1729	Discard	1741-1723
R063	R063-BODY	R063-BODY-B2	Body	1698	Discard	1704-1692
R063	R063-BODY	R063-BODY-B2	Body	1542	Discard	1543-1536
R063	R063-BODY	R063-BODY-B2	Body	1518		
R063	R063-BODY	R063-BODY-B2	Body	1496	Discard	1503-1493
R063	R063-BODY	R063-BODY-B2	Body	1457	Discard	1463-1454
R063	R063-BODY	R063-BODY-B2	Body	1377	Discard	1383-1374
R063	R063-BODY	R063-BODY-B2	Body	1310	Discard	1316-1303
R063	R063-BODY	R063-BODY-B2	Body	1273	Discard	1276-1266
R063	R063-BODY	R063-BODY-B2	Body	1252	Discard	1255-1246

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R063	R063-BODY	R063-BODY-B2	Body	900	Discard	913-884
R063	R063-BODY	R063-BODY-B2	Body	757	Discard	769-751
R063	R063-BODY	R063-BODY-B2	Body	705	Discard	705-696
R063	R063-BODY	R063-BODY-B3	Body	3532	Discard	3544-3517
R063	R063-BODY	R063-BODY-B3	Body	3070	Discard	3070-3054
R063	R063-BODY	R063-BODY-B3	Body	3025	Discard	3028-3017
R063	R063-BODY	R063-BODY-B3	Body	2954	Discard	2960-2951
R063	R063-BODY	R063-BODY-B3	Body	2924	Discard	2928-2915
R063	R063-BODY	R063-BODY-B3	Body	2872	Discard	2878-2863
R063	R063-BODY	R063-BODY-B3	Body	2857	Discard	2860-2825
R063	R063-BODY	R063-BODY-B3	Body	2731	Discard	2737-2722
R063	R063-BODY	R063-BODY-B3	Body	2364		
R063	R063-BODY	R063-BODY-B3	Body	2328		
R063	R063-BODY	R063-BODY-B3	Body	1726	Discard	1741-1723
R063	R063-BODY	R063-BODY-B3	Body	1698	Discard	1704-1692
R063	R063-BODY	R063-BODY-B3	Body	1610	Discard	1610-1600
R063	R063-BODY	R063-BODY-B3	Body	1500	Discard	1503-1493
R063	R063-BODY	R063-BODY-B3	Body	1463	Discard	1463-1454
R063	R063-BODY	R063-BODY-B3	Body	1377	Discard	1383-1374
R063	R063-BODY	R063-BODY-B3	Body	1313	Discard	1316-1303
R063	R063-BODY	R063-BODY-B3	Body	1270	Discard	1276-1266
R063	R063-BODY	R063-BODY-B3	Body	904	Discard	913-884
R063	R063-BODY	R063-BODY-B3	Body	754	Discard	769-751
R063	R063-BODY	R063-BODY-B3	Body	699	Discard	705-696
R064	R064-1	R064-1-B1	Chip	2957	Discard	2960-2951
R064	R064-1	R064-1-B1	Chip	2921	Discard	2928-2915
R064	R064-1	R064-1-B1	Chip	2872	Discard	2878-2863
R064	R064-1	R064-1-B1	Chip	2853	Discard	2860-2825
R064	R064-1	R064-1-B1	Chip	1729	Discard	1741-1723
R064	R064-1	R064-1-B1	Chip	1701	Discard	1704-1692
R064	R064-1	R064-1-B1	Chip	1542	Discard	1543-1536
R064	R064-1	R064-1-B1	Chip	1460	Discard	1463-1454
R064	R064-1	R064-1-B1	Chip	1383	Discard	1383-1374
R064	R064-1	R064-1-B1	Chip	913	Discard	913-884
R064	R064-1	R064-1-B1	Chip	766	Discard	769-751
R064	R064-1	R064-1-B2	Chip	3067	Discard	3070-3054
R064	R064-1	R064-1-B2	Chip	3025	Discard	3028-3017
R064	R064-1	R064-1-B2	Chip	2954	Discard	2960-2951
R064	R064-1	R064-1-B2	Chip	2921	Discard	2928-2915
R064	R064-1	R064-1-B2	Chip	2872	Discard	2878-2863
R064	R064-1	R064-1-B2	Chip	2857	Discard	2860-2825
R064	R064-1	R064-1-B2	Chip	1726	Discard	1741-1723

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R064	R064-1	R064-1-B2	Chip	1695	Discard	1704-1692
R064	R064-1	R064-1-B2	Chip	1600	Discard	1610-1600
R064	R064-1	R064-1-B2	Chip	1539	Discard	1543-1536
R064	R064-1	R064-1-B2	Chip	1496	Discard	1503-1493
R064	R064-1	R064-1-B2	Chip	1457	Discard	1463-1454
R064	R064-1	R064-1-B2	Chip	1402		
R064	R064-1	R064-1-B2	Chip	1377	Discard	1383-1374
R064	R064-1	R064-1-B2	Chip	900	Discard	913-884
R064	R064-1	R064-1-B2	Chip	763	Discard	769-751
R064	R064-1	R064-1-B2	Chip	699	Discard	705-696
R064	R064-1	R064-1-B3	Chip	3061	Discard	3070-3054
R064	R064-1	R064-1-B3	Chip	3019	Discard	3028-3017
R064	R064-1	R064-1-B3	Chip	2955	Discard	2960-2951
R064	R064-1	R064-1-B3	Chip	2920	Discard	2928-2915
R064	R064-1	R064-1-B3	Chip	2869	Discard	2878-2863
R064	R064-1	R064-1-B3	Chip	2857	Discard	2860-2825
R064	R064-1	R064-1-B3	Chip	2725	Discard	2737-2722
R064	R064-1	R064-1-B3	Chip	1729	Discard	1741-1723
R064	R064-1	R064-1-B3	Chip	1701	Discard	1704-1692
R064	R064-1	R064-1-B3	Chip	1603	Discard	1610-1600
R064	R064-1	R064-1-B3	Chip	1542	Discard	1543-1536
R064	R064-1	R064-1-B3	Chip	1496	Discard	1503-1493
R064	R064-1	R064-1-B3	Chip	1457	Discard	1463-1454
R064	R064-1	R064-1-B3	Chip	1377	Discard	1383-1374
R064	R064-1	R064-1-B3	Chip	1310	Discard	1316-1303
R064	R064-1	R064-1-B3	Chip	1273	Discard	1276-1266
R064	R064-1	R064-1-B3	Chip	1249	Discard	1255-1246
R064	R064-1	R064-1-B3	Chip	907	Discard	913-884
R064	R064-1	R064-1-B3	Chip	902	Discard	913-884
R064	R064-1	R064-1-B3	Chip	752	Discard	769-751
R064	R064-1	R064-1-B3	Chip	699	Discard	705-696
R064	R064-BODY	R064-BODY-B1	Body	3061	Discard	3070-3054
R064	R064-BODY	R064-BODY-B1	Body	3021	Discard	3028-3017
R064	R064-BODY	R064-BODY-B1	Body	2955	Discard	2960-2951
R064	R064-BODY	R064-BODY-B1	Body	2923	Discard	2928-2915
R064	R064-BODY	R064-BODY-B1	Body	2886	Discard	
R064	R064-BODY	R064-BODY-B1	Body	2856	Discard	2860-2825
R064	R064-BODY	R064-BODY-B1	Body	2725	Discard	2737-2722
R064	R064-BODY	R064-BODY-B1	Body	2346		
R064	R064-BODY	R064-BODY-B1	Body	1727	Discard	1741-1723
R064	R064-BODY	R064-BODY-B1	Body	1698	Discard	1704-1692
R064	R064-BODY	R064-BODY-B1	Body	1604	Discard	1610-1600

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R064	R064-BODY	R064-BODY-B1	Body	1537	Discard	1543-1536
R064	R064-BODY	R064-BODY-B1	Body	1496	Discard	1503-1493
R064	R064-BODY	R064-BODY-B1	Body	1456	Discard	1463-1454
R064	R064-BODY	R064-BODY-B1	Body	1377	Discard	1383-1374
R064	R064-BODY	R064-BODY-B1	Body	1306	Discard	1316-1303
R064	R064-BODY	R064-BODY-B1	Body	1274	Discard	1276-1266
R064	R064-BODY	R064-BODY-B1	Body	1003		
R064	R064-BODY	R064-BODY-B1	Body	963		
R064	R064-BODY	R064-BODY-B1	Body	899	Discard	913-884
R064	R064-BODY	R064-BODY-B1	Body	798		
R064	R064-BODY	R064-BODY-B1	Body	776		
R064	R064-BODY	R064-BODY-B1	Body	756	Discard	769-751
R064	R064-BODY	R064-BODY-B1	Body	697	Discard	705-696
R064	R064-BODY	R064-BODY-B2	Body	3063	Discard	3070-3054
R064	R064-BODY	R064-BODY-B2	Body	3024	Discard	3028-3017
R064	R064-BODY	R064-BODY-B2	Body	2952	Discard	2960-2951
R064	R064-BODY	R064-BODY-B2	Body	2923	Discard	2928-2915
R064	R064-BODY	R064-BODY-B2	Body	2866	Discard	2878-2863
R064	R064-BODY	R064-BODY-B2	Body	2856	Discard	2860-2825
R064	R064-BODY	R064-BODY-B2	Body	1727	Discard	1741-1723
R064	R064-BODY	R064-BODY-B2	Body	1703	Discard	1704-1692
R064	R064-BODY	R064-BODY-B2	Body	1602	Discard	1610-1600
R064	R064-BODY	R064-BODY-B2	Body	1537	Discard	1543-1536
R064	R064-BODY	R064-BODY-B2	Body	1496	Discard	1503-1493
R064	R064-BODY	R064-BODY-B2	Body	1456	Discard	1463-1454
R064	R064-BODY	R064-BODY-B2	Body	1377	Discard	1383-1374
R064	R064-BODY	R064-BODY-B2	Body	1303	Discard	1316-1303
R064	R064-BODY	R064-BODY-B2	Body	1266	Discard	1276-1266
R064	R064-BODY	R064-BODY-B2	Body	902	Discard	913-884
R064	R064-BODY	R064-BODY-B2	Body	756	Discard	769-751
R064	R064-BODY	R064-BODY-B2	Body	697	Discard	705-696
R065	R065-1	R065-1-B1	Chip	3064	Discard	3070-3054
R065	R065-1	R065-1-B1	Chip	3025	Discard	3028-3017
R065	R065-1	R065-1-B1	Chip	2954	Discard	2960-2951
R065	R065-1	R065-1-B1	Chip	2927	Discard	2928-2915
R065	R065-1	R065-1-B1	Chip	2872	Discard	2878-2863
R065	R065-1	R065-1-B1	Chip	2857	Discard	2860-2825
R065	R065-1	R065-1-B1	Chip	2728	Discard	2737-2722
R065	R065-1	R065-1-B1	Chip	2361		
R065	R065-1	R065-1-B1	Chip	2337		
R065	R065-1	R065-1-B1	Chip	1610	Discard	1610-1600
R065	R065-1	R065-1-B1	Chip	1610	Discard	1610-1600

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R065	R065-1	R065-1-B1	Chip	1463	Discard	1463-1454
R065	R065-1	R065-1-B1	Chip	1377	Discard	1383-1374
R065	R065-1	R065-1-B1	Chip	990		
R065	R065-1	R065-1-B1	Chip	971		
R065	R065-1	R065-1-B1	Chip	900	Discard	913-884
R065	R065-1	R065-1-B1	Chip	803		
R065	R065-1	R065-1-B1	Chip	778		
R065	R065-1	R065-1-B1	Chip	696	Discard	705-696
R065	R065-1	R065-1-B2	Chip	3022	Discard	3028-3017
R065	R065-1	R065-1-B2	Chip	2954	Discard	2960-2951
R065	R065-1	R065-1-B2	Chip	2924	Discard	2928-2915
R065	R065-1	R065-1-B2	Chip	2872	Discard	2878-2863
R065	R065-1	R065-1-B2	Chip	2853	Discard	2860-2825
R065	R065-1	R065-1-B2	Chip	1726	Discard	1741-1723
R065	R065-1	R065-1-B2	Chip	1701	Discard	1704-1692
R065	R065-1	R065-1-B2	Chip	1610	Discard	1610-1600
R065	R065-1	R065-1-B2	Chip	1542	Discard	1543-1536
R065	R065-1	R065-1-B2	Chip	1460	Discard	1463-1454
R065	R065-1	R065-1-B2	Chip	1377	Discard	1383-1374
R065	R065-1	R065-1-B2	Chip	910	Discard	913-884
R065	R065-1	R065-1-B2	Chip	766	Discard	769-751
R065	R065-1	R065-1-B2	Chip	699	Discard	705-696
R065	R065-1	R065-1-B3	Chip	2924	Discard	2928-2915
R065	R065-1	R065-1-B3	Chip	2853	Discard	2860-2825
R065	R065-1	R065-1-B3	Chip	1985		
R065	R065-1	R065-1-B3	Chip	1062		
R065	R065-1	R065-1-B3	Chip	904	Discard	913-884
R065	R065-1	R065-1-B3	Chip	778		
R065	R065-1	R065-1-B3	Chip	757	Discard	769-751
R065	R065-BODY	R065-BODY-B1	Body	3624	Discard	3695-3619
R065	R065-BODY	R065-BODY-B1	Body	3061	Discard	3070-3054
R065	R065-BODY	R065-BODY-B1	Body	3028	Discard	3028-3017
R065	R065-BODY	R065-BODY-B1	Body	2954	Discard	2960-2951
R065	R065-BODY	R065-BODY-B1	Body	2924	Discard	2928-2915
R065	R065-BODY	R065-BODY-B1	Body	2872	Discard	2878-2863
R065	R065-BODY	R065-BODY-B1	Body	2850	Discard	2860-2825
R065	R065-BODY	R065-BODY-B1	Body	2734	Discard	2737-2722
R065	R065-BODY	R065-BODY-B1	Body	1985		
R065	R065-BODY	R065-BODY-B1	Body	1732	Discard	1741-1723
R065	R065-BODY	R065-BODY-B1	Body	1692	Discard	1704-1692
R065	R065-BODY	R065-BODY-B1	Body	1606	Discard	1610-1600
R065	R065-BODY	R065-BODY-B1	Body	1539	Discard	1543-1536

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R065	R065-BODY	R065-BODY-B1	Body	1457	Discard	1463-1454
R065	R065-BODY	R065-BODY-B1	Body	1380	Discard	1383-1374
R065	R065-BODY	R065-BODY-B1	Body	1163		
R065	R065-BODY	R065-BODY-B1	Body	1017		
R065	R065-BODY	R065-BODY-B1	Body	797		
R065	R065-BODY	R065-BODY-B1	Body	778		
R065	R065-BODY	R065-BODY-B1	Body	696	Discard	705-696
R065	R065-BODY	R065-BODY-B2	Body	3061	Discard	3070-3054
R065	R065-BODY	R065-BODY-B2	Body	3025	Discard	3028-3017
R065	R065-BODY	R065-BODY-B2	Body	2957	Discard	2960-2951
R065	R065-BODY	R065-BODY-B2	Body	2924	Discard	2928-2915
R065	R065-BODY	R065-BODY-B2	Body	2872	Discard	2878-2863
R065	R065-BODY	R065-BODY-B2	Body	2853	Discard	2860-2825
R065	R065-BODY	R065-BODY-B2	Body	2723	Discard	2737-2722
R065	R065-BODY	R065-BODY-B2	Body	2368		
R065	R065-BODY	R065-BODY-B2	Body	2328		
R065	R065-BODY	R065-BODY-B2	Body	1723	Discard	1741-1723
R065	R065-BODY	R065-BODY-B2	Body	1701	Discard	1704-1692
R065	R065-BODY	R065-BODY-B2	Body	1606	Discard	1610-1600
R065	R065-BODY	R065-BODY-B2	Body	1542	Discard	1543-1536
R065	R065-BODY	R065-BODY-B2	Body	1500	Discard	1503-1493
R065	R065-BODY	R065-BODY-B2	Body	1460	Discard	1463-1454
R065	R065-BODY	R065-BODY-B2	Body	1380	Discard	1383-1374
R065	R065-BODY	R065-BODY-B2	Body	1316	Discard	1316-1303
R065	R065-BODY	R065-BODY-B2	Body	1273	Discard	1276-1266
R065	R065-BODY	R065-BODY-B2	Body	900	Discard	913-884
R065	R065-BODY	R065-BODY-B2	Body	757	Discard	769-751
R065	R065-BODY	R065-BODY-B2	Body	702	Discard	705-696
R065	R065-BODY	R065-BODY-B3	Body	3535	Discard	3544-3517
R065	R065-BODY	R065-BODY-B3	Body	3061	Discard	3070-3054
R065	R065-BODY	R065-BODY-B3	Body	3025	Discard	3028-3017
R065	R065-BODY	R065-BODY-B3	Body	2954	Discard	2960-2951
R065	R065-BODY	R065-BODY-B3	Body	2918	Discard	2928-2915
R065	R065-BODY	R065-BODY-B3	Body	2918	Discard	2928-2915
R065	R065-BODY	R065-BODY-B3	Body	2869	Discard	2878-2863
R065	R065-BODY	R065-BODY-B3	Body	2850	Discard	2860-2825
R065	R065-BODY	R065-BODY-B3	Body	1729	Discard	1741-1723
R065	R065-BODY	R065-BODY-B3	Body	1698	Discard	1704-1692
R065	R065-BODY	R065-BODY-B3	Body	1603	Discard	1610-1600
R065	R065-BODY	R065-BODY-B3	Body	1539	Discard	1543-1536
R065	R065-BODY	R065-BODY-B3	Body	1493	Discard	1503-1493
R065	R065-BODY	R065-BODY-B3	Body	1463	Discard	1463-1454

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R065	R065-BODY	R065-BODY-B3	Body	1399		
R065	R065-BODY	R065-BODY-B3	Body	1377	Discard	1383-1374
R065	R065-BODY	R065-BODY-B3	Body	1307	Discard	1316-1303
R065	R065-BODY	R065-BODY-B3	Body	1270	Discard	1276-1266
R065	R065-BODY	R065-BODY-B3	Body	904	Discard	913-884
R065	R065-BODY	R065-BODY-B3	Body	760	Discard	769-751
R065	R065-BODY	R065-BODY-B3	Body	702	Discard	705-696

Table 3: FTIR Peaks from Locally-Made Ceramics, R066-R077

The table contains the complete FTIR dataset from samples R066-R077, including both the chipped areas tested for residue and the control samples. Samples R070 and R071 are from locally-made tablewares. This is presented in its own table because these samples (comprised of all samples analyzed during the last two days of testing) seem to lack much of the background interference associated with the extraction solution that can be seen in Table 2. Nothing about the laboratory procedures was altered on those two days, and nor were new bottles of solvents used. After comparing the data, it appears that R066-R077 can be used in conjunction with peaks from the other samples, and this should not affect the results discussed below.

Peaks listed as "discard" in the "Discarded?" column were discarded because they belonged to the 31 common peak ranges that are likely due to the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution (also see Table 4). Peaks in this column listed as "residue" did not overlap with peaks from control samples and making them the best candidates to be from absorbed residues. Peaks with nothing in this column are control samples or peaks from chipped areas that matched peaks from the control samples. The "Discarded Range" column lists the commonly occurring peak ranges that were discarded form the analysis. Peak values are in cm-1.

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R066	R066-1	R066-1-B1	Chip	2921	Discard	2924-2915
R066	R066-1	R066-1-B1	Chip	2850	Discard	2857-2844
R066	R066-1	R066-1-B1	Chip	2634	Residue	
R066	R066-1	R066-1-B1	Chip	2358	Discard	2364-2352
R066	R066-1	R066-1-B1	Chip	2325	Discard	2328-2313
R066	R066-1	R066-1-B1	Chip	998		
R066	R066-1	R066-1-B1	Chip	904	Discard	913-894
R066	R066-1	R066-1-B1	Chip	778	Discard	781-772
R066	R066-1	R066-1-B2	Chip	2918	Discard	2924-2915
R066	R066-1	R066-1-B2	Chip	2850	Discard	2857-2844
R066	R066-1	R066-1-B2	Chip	2361	Discard	2364-2352
R066	R066-1	R066-1-B2	Chip	2337	Discard	2346-2334
R066	R066-1	R066-1-B2	Chip	2325	Discard	2328-2313
R066	R066-1	R066-1-B2	Chip	904	Discard	913-894
R066	R066-1	R066-1-B2	Chip	775	Discard	781-772
R066	R066-1	R066-1-B2	Chip	763	Discard	769-754
R066	R066-1	R066-1-B3	Chip	2918	Discard	2924-2915
R066	R066-1	R066-1-B3	Chip	2847	Discard	2857-2844
R066	R066-1	R066-1-B3	Chip	2361	Discard	2364-2352
R066	R066-1	R066-1-B3	Chip	2334	Discard	2346-2334
R066	R066-1	R066-1-B3	Chip	910	Discard	913-894
R066	R066-1	R066-1-B3	Chip	769	Discard	769-754
R066	R066-BODY	R066-BODY-B1	Body	2915	Discard	2924-2915
R066	R066-BODY	R066-BODY-B1	Body	2850	Discard	2857-2844
R066	R066-BODY	R066-BODY-B1	Body	2361	Discard	2364-2352

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R066	R066-BODY	R066-BODY-B1	Body	2346	Discard	2346-2334
R066	R066-BODY	R066-BODY-B1	Body	2325	Discard	2328-2313
R066	R066-BODY	R066-BODY-B1	Body	1992		
R066	R066-BODY	R066-BODY-B1	Body	907	Discard	913-894
R066	R066-BODY	R066-BODY-B1	Body	769	Discard	769-754
R066	R066-BODY	R066-BODY-B2	Body	2361	Discard	2364-2352
R066	R066-BODY	R066-BODY-B2	Body	2340	Discard	2346-2334
R066	R066-BODY	R066-BODY-B2	Body	911	Discard	913-894
R066	R066-BODY	R066-BODY-B2	Body	769	Discard	769-754
R066	R066-BODY	R066-BODY-B3	Body	2918	Discard	2924-2915
R066	R066-BODY	R066-BODY-B3	Body	2847	Discard	2857-2844
R066	R066-BODY	R066-BODY-B3	Body	910	Discard	913-894
R066	R066-BODY	R066-BODY-B3	Body	766	Discard	769-754
R067	R067-1	R067-1-B1	Chip	2358	Discard	2364-2352
R067	R067-1	R067-1-B1	Chip	2325	Discard	2328-2313
R067	R067-1	R067-1-B1	Chip	1985	Discard	1985-1979
R067	R067-1	R067-1-B1	Chip	1634	Discard	1655-1616
R067	R067-1	R067-1-B1	Chip	1062	Discard	1062-1050
R067	R067-1	R067-1-B1	Chip	1001		
R067	R067-1	R067-1-B1	Chip	907	Discard	913-894
R067	R067-1	R067-1-B1	Chip	778	Discard	781-772
R067	R067-1	R067-1-B1	Chip	760	Discard	769-754
R067	R067-1	R067-1-B2	Chip	2918	Discard	2924-2915
R067	R067-1	R067-1-B2	Chip	2850	Discard	2857-2844
R067	R067-1	R067-1-B2	Chip	1982	Discard	1985-1979
R067	R067-1	R067-1-B2	Chip	913	Discard	913-894
R067	R067-1	R067-1-B2	Chip	766	Discard	769-754
R067	R067-1	R067-1-B3	Chip	2918	Discard	2924-2915
R067	R067-1	R067-1-B3	Chip	2850	Discard	2857-2844
R067	R067-1	R067-1-B3	Chip	909	Discard	913-894
R067	R067-1	R067-1-B3	Chip	769	Discard	769-754
R067	R067-BODY	R067-BODY-B1	Body	3624	Discard	3786-3624
R067	R067-BODY	R067-BODY-B1	Body	2924	Discard	2924-2915
R067	R067-BODY	R067-BODY-B1	Body	2850	Discard	2857-2844
R067	R067-BODY	R067-BODY-B1	Body	2355	Discard	2364-2352
R067	R067-BODY	R067-BODY-B1	Body	2337	Discard	2346-2334
R067	R067-BODY	R067-BODY-B1	Body	2322	Discard	2328-2313
R067	R067-BODY	R067-BODY-B1	Body	1982	Discard	1985-1979
R067	R067-BODY	R067-BODY-B1	Body	1640	Discard	1655-1616
R067	R067-BODY	R067-BODY-B1	Body	1050	Discard	1062-1050
R067	R067-BODY	R067-BODY-B1	Body	910	Discard	913-894
R067	R067-BODY	R067-BODY-B1	Body	800		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R067	R067-BODY	R067-BODY-B1	Body	778	Discard	781-772
R067	R067-BODY	R067-BODY-B1	Body	705	Discard	705-696
R067	R067-BODY	R067-BODY-B1	Body	567		
R067	R067-BODY	R067-BODY-B2	Body	2921	Discard	2924-2915
R067	R067-BODY	R067-BODY-B2	Body	2850	Discard	2857-2844
R067	R067-BODY	R067-BODY-B2	Body	2361	Discard	2364-2352
R067	R067-BODY	R067-BODY-B2	Body	2331	Discard	2346-2334
R067	R067-BODY	R067-BODY-B2	Body	989		
R067	R067-BODY	R067-BODY-B2	Body	910	Discard	913-894
R067	R067-BODY	R067-BODY-B2	Body	781	Discard	781-772
R067	R067-BODY	R067-BODY-B2	Body	766	Discard	769-754
R067	R067-BODY	R067-BODY-B3	Body	2918	Discard	2924-2915
R067	R067-BODY	R067-BODY-B3	Body	2850	Discard	2857-2844
R067	R067-BODY	R067-BODY-B3	Body	913	Discard	913-894
R067	R067-BODY	R067-BODY-B3	Body	772	Discard	781-772
R068	R068-1	R068-1-B1	Chip	2918	Discard	2924-2915
R068	R068-1	R068-1-B1	Chip	2847	Discard	2857-2844
R068	R068-1	R068-1-B1	Chip	2325	Discard	2328-2313
R068	R068-1	R068-1-B1	Chip	2288		
R068	R068-1	R068-1-B1	Chip	2050		
R068	R068-1	R068-1-B1	Chip	2025		
R068	R068-1	R068-1-B1	Chip	2010		
R068	R068-1	R068-1-B1	Chip	1998		
R068	R068-1	R068-1-B1	Chip	1982	Discard	1985-1979
R068	R068-1	R068-1-B1	Chip	1633	Discard	1655-1616
R068	R068-1	R068-1-B1	Chip	1625	Discard	1655-1616
R068	R068-1	R068-1-B1	Chip	1059	Discard	1062-1050
R068	R068-1	R068-1-B1	Chip	897	Discard	913-894
R068	R068-1	R068-1-B1	Chip	800		
R068	R068-1	R068-1-B1	Chip	778	Discard	781-772
R068	R068-1	R068-1-B1	Chip	699	Discard	705-696
R068	R068-1	R068-1-B2	Chip	2921	Discard	2924-2915
R068	R068-1	R068-1-B2	Chip	2850	Discard	2857-2844
R068	R068-1	R068-1-B2	Chip	2361	Discard	2364-2352
R068	R068-1	R068-1-B2	Chip	2343	Discard	2346-2334
R068	R068-1	R068-1-B2	Chip	2322	Discard	2328-2313
R068	R068-1	R068-1-B2	Chip	2288		
R068	R068-1	R068-1-B2	Chip	1982	Discard	1985-1979
R068	R068-1	R068-1-B2	Chip	1634	Discard	1655-1616
R068	R068-1	R068-1-B2	Chip	1163		
R068	R068-1	R068-1-B2	Chip	1056	Discard	1062-1050
R068	R068-1	R068-1-B2	Chip	900	Discard	913-894

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R068	R068-1	R068-1-B2	Chip	797		
R068	R068-1	R068-1-B2	Chip	778	Discard	781-772
R068	R068-1	R068-1-B2	Chip	696	Discard	705-696
R068	R068-1	R068-1-B3	Chip	2921	Discard	2924-2915
R068	R068-1	R068-1-B3	Chip	2361	Discard	2364-2352
R068	R068-1	R068-1-B3	Chip	2337	Discard	2346-2334
R068	R068-1	R068-1-B3	Chip	910	Discard	913-894
R068	R068-1	R068-1-B3	Chip	769	Discard	769-754
R068	R068-BODY	R068-BODY-B1	Body	2921	Discard	2924-2915
R068	R068-BODY	R068-BODY-B1	Body	2850	Discard	2857-2844
R068	R068-BODY	R068-BODY-B1	Body	2358	Discard	2364-2352
R068	R068-BODY	R068-BODY-B1	Body	2328	Discard	2328-2313
R068	R068-BODY	R068-BODY-B1	Body	2037		
R068	R068-BODY	R068-BODY-B1	Body	1982	Discard	1985-1979
R068	R068-BODY	R068-BODY-B1	Body	1625	Discard	1655-1616
R068	R068-BODY	R068-BODY-B1	Body	1163		
R068	R068-BODY	R068-BODY-B1	Body	1053	Discard	1062-1050
R068	R068-BODY	R068-BODY-B1	Body	907	Discard	913-894
R068	R068-BODY	R068-BODY-B1	Body	800		
R068	R068-BODY	R068-BODY-B1	Body	781	Discard	781-772
R068	R068-BODY	R068-BODY-B1	Body	699	Discard	705-696
R068	R068-BODY	R068-BODY-B1	Body	580		
R068	R068-BODY	R068-BODY-B2	Body	2921	Discard	2924-2915
R068	R068-BODY	R068-BODY-B2	Body	2850	Discard	2857-2844
R068	R068-BODY	R068-BODY-B2	Body	2358	Discard	2364-2352
R068	R068-BODY	R068-BODY-B2	Body	2337	Discard	2346-2334
R068	R068-BODY	R068-BODY-B2	Body	2325	Discard	2328-2313
R068	R068-BODY	R068-BODY-B2	Body	1059	Discard	1062-1050
R068	R068-BODY	R068-BODY-B2	Body	998		
R068	R068-BODY	R068-BODY-B2	Body	904	Discard	913-894
R068	R068-BODY	R068-BODY-B2	Body	781	Discard	781-772
R068	R068-BODY	R068-BODY-B3	Body	3306	Discard	3346-3306
R068	R068-BODY	R068-BODY-B3	Body	2918	Discard	2924-2915
R068	R068-BODY	R068-BODY-B3	Body	2887	Discard	2887
R068	R068-BODY	R068-BODY-B3	Body	2658		
R068	R068-BODY	R068-BODY-B3	Body	2361	Discard	2364-2352
R068	R068-BODY	R068-BODY-B3	Body	2325	Discard	2328-2313
R068	R068-BODY	R068-BODY-B3	Body	2190	Discard	2199-2160
R068	R068-BODY	R068-BODY-B3	Body	2166	Discard	2199-2160
R068	R068-BODY	R068-BODY-B3	Body	2117		
R068	R068-BODY	R068-BODY-B3	Body	1979	Discard	1985-1979
R068	R068-BODY	R068-BODY-B3	Body	1655	Discard	1655-1616

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R068	R068-BODY	R068-BODY-B3	Body	1637	Discard	1655-1616
R068	R068-BODY	R068-BODY-B3	Body	1454	Discard	1466-1454
R068	R068-BODY	R068-BODY-B3	Body	1435		
R068	R068-BODY	R068-BODY-B3	Body	1368		
R068	R068-BODY	R068-BODY-B3	Body	1338		
R068	R068-BODY	R068-BODY-B3	Body	1319		
R068	R068-BODY	R068-BODY-B3	Body	1276	Discard	1276-1266
R068	R068-BODY	R068-BODY-B3	Body	1023		
R068	R068-BODY	R068-BODY-B3	Body	1001		
R068	R068-BODY	R068-BODY-B3	Body	897	Discard	913-894
R068	R068-BODY	R068-BODY-B3	Body	763	Discard	769-754
R068	R068-BODY	R068-BODY-B3	Body	677		
R068	R068-BODY	R068-BODY-B3	Body	622		
R069	R069-1	R069-1-B1	Chip	2921	Discard	2924-2915
R069	R069-1	R069-1-B1	Chip	2850	Discard	2857-2844
R069	R069-1	R069-1-B1	Chip	2328	Discard	2328-2313
R069	R069-1	R069-1-B1	Chip	2285		
R069	R069-1	R069-1-B1	Chip	2160	Discard	2199-2160
R069	R069-1	R069-1-B1	Chip	2037		
R069	R069-1	R069-1-B1	Chip	2007		
R069	R069-1	R069-1-B1	Chip	1982	Discard	1985-1979
R069	R069-1	R069-1-B1	Chip	1652	Discard	1655-1616
R069	R069-1	R069-1-B1	Chip	1616	Discard	1655-1616
R069	R069-1	R069-1-B1	Chip	1163		
R069	R069-1	R069-1-B1	Chip	1053	Discard	1062-1050
R069	R069-1	R069-1-B1	Chip	907	Discard	913-894
R069	R069-1	R069-1-B1	Chip	797		
R069	R069-1	R069-1-B1	Chip	778	Discard	781-772
R069	R069-1	R069-1-B1	Chip	699	Discard	705-696
R069	R069-1	R069-1-B1	Chip	576		
R069	R069-1	R069-1-B2	Chip	2918	Discard	2924-2915
R069	R069-1	R069-1-B2	Chip	2847	Discard	2857-2844
R069	R069-1	R069-1-B2	Chip	2361	Discard	2364-2352
R069	R069-1	R069-1-B2	Chip	2337	Discard	2346-2334
R069	R069-1	R069-1-B2	Chip	2282		
R069	R069-1	R069-1-B2	Chip	2264		
R069	R069-1	R069-1-B2	Chip	2245		
R069	R069-1	R069-1-B2	Chip	2233		
R069	R069-1	R069-1-B2	Chip	2215		
R069	R069-1	R069-1-B2	Chip	2199	Discard	2199-2160
R069	R069-1	R069-1-B2	Chip	2175	Discard	2199-2160
R069	R069-1	R069-1-B2	Chip	2163	Discard	2199-2160

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R069	R069-1	R069-1-B2	Chip	2040		
R069	R069-1	R069-1-B2	Chip	2013		
R069	R069-1	R069-1-B2	Chip	1998		
R069	R069-1	R069-1-B2	Chip	1979	Discard	1985-1979
R069	R069-1	R069-1-B2	Chip	904	Discard	913-894
R069	R069-1	R069-1-B2	Chip	769	Discard	769-754
R069	R069-1	R069-1-B2	Chip	616		
R069	R069-1	R069-1-B2	Chip	598	Residue	
R069	R069-1	R069-1-B2	Chip	583		
R069	R069-1	R069-1-B2	Chip	558		
R069	R069-1	R069-1-B3	Chip	2918	Discard	2924-2915
R069	R069-1	R069-1-B3	Chip	2850	Discard	2857-2844
R069	R069-1	R069-1-B3	Chip	913	Discard	913-894
R069	R069-1	R069-1-B3	Chip	766	Discard	769-754
R069	R069-BODY	R069-BODY-B1	Body	2918	Discard	2924-2915
R069	R069-BODY	R069-BODY-B1	Body	2850	Discard	2857-2844
R069	R069-BODY	R069-BODY-B1	Body	913	Discard	913-894
R069	R069-BODY	R069-BODY-B1	Body	772	Discard	781-772
R069	R069-BODY	R069-BODY-B2	Body	2918	Discard	2924-2915
R069	R069-BODY	R069-BODY-B2	Body	2847	Discard	2857-2844
R069	R069-BODY	R069-BODY-B2	Body	913	Discard	913-894
R069	R069-BODY	R069-BODY-B2	Body	769	Discard	769-754
R069	R069-BODY	R069-BODY-B3	Body	911	Discard	913-894
R069	R069-BODY	R069-BODY-B3	Body	786		
R070	R070-1	R070-1-B1	Chip	2921	Discard	2924-2915
R070	R070-1	R070-1-B1	Chip	2853	Discard	2857-2844
R070	R070-1	R070-1-B1	Chip	2361	Discard	2364-2352
R070	R070-1	R070-1-B1	Chip	2325	Discard	2328-2313
R070	R070-1	R070-1-B1	Chip	1634	Discard	1655-1616
R070	R070-1	R070-1-B1	Chip	1001		
R070	R070-1	R070-1-B1	Chip	910	Discard	913-894
R070	R070-1	R070-1-B1	Chip	778	Discard	781-772
R070	R070-1	R070-1-B2	Chip	2921	Discard	2924-2915
R070	R070-1	R070-1-B2	Chip	2850	Discard	2857-2844
R070	R070-1	R070-1-B2	Chip	2355	Discard	2364-2352
R070	R070-1	R070-1-B2	Chip	2325	Discard	2328-2313
R070	R070-1	R070-1-B2	Chip	1652	Discard	1655-1616
R070	R070-1	R070-1-B2	Chip	1637	Discard	1655-1616
R070	R070-1	R070-1-B2	Chip	1007	Residue	
R070	R070-1	R070-1-B2	Chip	913	Discard	913-894
R070	R070-1	R070-1-B2	Chip	778	Discard	781-772
R070	R070-1	R070-1-B2	Chip	699	Discard	705-696

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R070	R070-1	R070-1-B2	Chip	567		
R070	R070-1	R070-1-B3	Chip	2915	Discard	2924-2915
R070	R070-1	R070-1-B3	Chip	2850	Discard	2857-2844
R070	R070-1	R070-1-B3	Chip	2358	Discard	2364-2352
R070	R070-1	R070-1-B3	Chip	2325	Discard	2328-2313
R070	R070-1	R070-1-B3	Chip	1634	Discard	1655-1616
R070	R070-1	R070-1-B3	Chip	907	Discard	913-894
R070	R070-1	R070-1-B3	Chip	781	Discard	781-772
R070	R070-BODY	R070-BODY-B1	Body	2918	Discard	2924-2915
R070	R070-BODY	R070-BODY-B1	Body	2847	Discard	2857-2844
R070	R070-BODY	R070-BODY-B1	Body	2358	Discard	2364-2352
R070	R070-BODY	R070-BODY-B1	Body	2343	Discard	2346-2334
R070	R070-BODY	R070-BODY-B1	Body	2322	Discard	2328-2313
R070	R070-BODY	R070-BODY-B1	Body	2227		
R070	R070-BODY	R070-BODY-B1	Body	907	Discard	913-894
R070	R070-BODY	R070-BODY-B1	Body	775	Discard	781-772
R070	R070-BODY	R070-BODY-B2	Body	2325	Discard	2328-2313
R070	R070-BODY	R070-BODY-B2	Body	2166	Discard	2199-2160
R070	R070-BODY	R070-BODY-B2	Body	2053		
R070	R070-BODY	R070-BODY-B2	Body	2034		
R070	R070-BODY	R070-BODY-B2	Body	1979	Discard	1985-1979
R070	R070-BODY	R070-BODY-B2	Body	1619	Discard	1655-1616
R070	R070-BODY	R070-BODY-B2	Body	1038		
R070	R070-BODY	R070-BODY-B2	Body	907	Discard	913-894
R070	R070-BODY	R070-BODY-B2	Body	797		
R070	R070-BODY	R070-BODY-B2	Body	778	Discard	781-772
R070	R070-BODY	R070-BODY-B2	Body	699	Discard	705-696
R070	R070-BODY	R070-BODY-B3	Body	2918	Discard	2924-2915
R070	R070-BODY	R070-BODY-B3	Body	2850	Discard	2857-2844
R070	R070-BODY	R070-BODY-B3	Body	913	Discard	913-894
R070	R070-BODY	R070-BODY-B3	Body	775	Discard	781-772
R071	R071-1	R071-1-B1	Chip	2918	Discard	2924-2915
R071	R071-1	R071-1-B1	Chip	2850	Discard	2857-2844
R071	R071-1	R071-1-B1	Chip	2166	Discard	2199-2160
R071	R071-1	R071-1-B1	Chip	1646	Discard	1655-1616
R071	R071-1	R071-1-B1	Chip	986		
R071	R071-1	R071-1-B1	Chip	909	Discard	913-894
R071	R071-1	R071-1-B1	Chip	778	Discard	781-772
R071	R071-1	R071-1-B1	Chip	696	Discard	705-696
R071	R071-1	R071-1-B2	Chip	3346	Discard	3346-3306
R071	R071-1	R071-1-B2	Chip	2918	Discard	2924-2915
R071	R071-1	R071-1-B2	Chip	2850	Discard	2857-2844

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R071	R071-1	R071-1-B2	Chip	2355	Discard	2364-2352
R071	R071-1	R071-1-B2	Chip	2325	Discard	2328-2313
R071	R071-1	R071-1-B2	Chip	1640	Discard	1655-1616
R071	R071-1	R071-1-B2	Chip	986		
R071	R071-1	R071-1-B2	Chip	904	Discard	913-894
R071	R071-1	R071-1-B2	Chip	781	Discard	781-772
R071	R071-1	R071-1-B3	Chip	2918	Discard	2924-2915
R071	R071-1	R071-1-B3	Chip	2853	Discard	2857-2844
R071	R071-1	R071-1-B3	Chip	910	Discard	913-894
R071	R071-1	R071-1-B3	Chip	772	Discard	781-772
R071	R071-BODY	R071-BODY-B1	Body	2918	Discard	2924-2915
R071	R071-BODY	R071-BODY-B1	Body	2850	Discard	2857-2844
R071	R071-BODY	R071-BODY-B1	Body	2364	Discard	2364-2352
R071	R071-BODY	R071-BODY-B1	Body	2325	Discard	2328-2313
R071	R071-BODY	R071-BODY-B1	Body	2034		
R071	R071-BODY	R071-BODY-B1	Body	1982	Discard	1985-1979
R071	R071-BODY	R071-BODY-B1	Body	1640	Discard	1655-1616
R071	R071-BODY	R071-BODY-B1	Body	1001		
R071	R071-BODY	R071-BODY-B1	Body	910	Discard	913-894
R071	R071-BODY	R071-BODY-B1	Body	800		
R071	R071-BODY	R071-BODY-B1	Body	778	Discard	781-772
R071	R071-BODY	R071-BODY-B1	Body	699	Discard	705-696
R071	R071-BODY	R071-BODY-B2	Body	2918	Discard	2924-2915
R071	R071-BODY	R071-BODY-B2	Body	2847	Discard	2857-2844
R071	R071-BODY	R071-BODY-B2	Body	2361	Discard	2364-2352
R071	R071-BODY	R071-BODY-B2	Body	2325	Discard	2328-2313
R071	R071-BODY	R071-BODY-B2	Body	1640	Discard	1655-1616
R071	R071-BODY	R071-BODY-B2	Body	980		
R071	R071-BODY	R071-BODY-B2	Body	910	Discard	913-894
R071	R071-BODY	R071-BODY-B2	Body	778	Discard	781-772
R071	R071-BODY	R071-BODY-B3	Body	2921	Discard	2924-2915
R071	R071-BODY	R071-BODY-B3	Body	2850	Discard	2857-2844
R071	R071-BODY	R071-BODY-B3	Body	2358	Discard	2364-2352
R071	R071-BODY	R071-BODY-B3	Body	2340	Discard	2346-2334
R071	R071-BODY	R071-BODY-B3	Body	2322	Discard	2328-2313
R071	R071-BODY	R071-BODY-B3	Body	1982	Discard	1985-1979
R071	R071-BODY	R071-BODY-B3	Body	907	Discard	913-894
R071	R071-BODY	R071-BODY-B3	Body	769	Discard	769-754
R072	R072-1	R072-1-B1	Chip	2918	Discard	2924-2915
R072	R072-1	R072-1-B1	Chip	2847	Discard	2857-2844
R072	R072-1	R072-1-B1	Chip	2361	Discard	2364-2352
R072	R072-1	R072-1-B1	Chip	2337	Discard	2346-2334

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R072	R072-1	R072-1-B1	Chip	1625	Discard	1655-1616
R072	R072-1	R072-1-B1	Chip	910	Discard	913-894
R072	R072-1	R072-1-B1	Chip	769	Discard	769-754
R072	R072-1	R072-1-B2	Chip	2921	Discard	2924-2915
R072	R072-1	R072-1-B2	Chip	2850	Discard	2857-2844
R072	R072-1	R072-1-B2	Chip	2361	Discard	2364-2352
R072	R072-1	R072-1-B2	Chip	913	Discard	913-894
R072	R072-1	R072-1-B2	Chip	772	Discard	781-772
R072	R072-1	R072-1-B3	Chip	2921	Discard	2924-2915
R072	R072-1	R072-1-B3	Chip	2850	Discard	2857-2844
R072	R072-1	R072-1-B3	Chip	2361	Discard	2364-2352
R072	R072-1	R072-1-B3	Chip	2331	Discard	2346-2334
R072	R072-1	R072-1-B3	Chip	913	Discard	913-894
R072	R072-1	R072-1-B3	Chip	766	Discard	769-754
R072	R072-BODY	R072-BODY-B1	Body	3627	Discard	3786-3624
R072	R072-BODY	R072-BODY-B1	Body	2918	Discard	2924-2915
R072	R072-BODY	R072-BODY-B1	Body	2853	Discard	2857-2844
R072	R072-BODY	R072-BODY-B1	Body	2361	Discard	2364-2352
R072	R072-BODY	R072-BODY-B1	Body	2340	Discard	2346-2334
R072	R072-BODY	R072-BODY-B1	Body	2325	Discard	2328-2313
R072	R072-BODY	R072-BODY-B1	Body	2050		
R072	R072-BODY	R072-BODY-B1	Body	1982	Discard	1985-1979
R072	R072-BODY	R072-BODY-B1	Body	1631	Discard	1655-1616
R072	R072-BODY	R072-BODY-B1	Body	1044		
R072	R072-BODY	R072-BODY-B1	Body	911	Discard	913-894
R072	R072-BODY	R072-BODY-B1	Body	797		
R072	R072-BODY	R072-BODY-B1	Body	778	Discard	781-772
R072	R072-BODY	R072-BODY-B1	Body	699	Discard	705-696
R072	R072-BODY	R072-BODY-B1	Body	604		
R072	R072-BODY	R072-BODY-B2	Body	2924	Discard	2924-2915
R072	R072-BODY	R072-BODY-B2	Body	2850	Discard	2857-2844
R072	R072-BODY	R072-BODY-B2	Body	2358	Discard	2364-2352
R072	R072-BODY	R072-BODY-B2	Body	2325	Discard	2328-2313
R072	R072-BODY	R072-BODY-B2	Body	914	Discard	913-894
R072	R072-BODY	R072-BODY-B2	Body	769	Discard	769-754
R072	R072-BODY	R072-BODY-B3	Body	2921	Discard	2924-2915
R072	R072-BODY	R072-BODY-B3	Body	2850	Discard	2857-2844
R072	R072-BODY	R072-BODY-B3	Body	2361	Discard	2364-2352
R072	R072-BODY	R072-BODY-B3	Body	2328	Discard	2328-2313
R072	R072-BODY	R072-BODY-B3	Body	910	Discard	913-894
R072	R072-BODY	R072-BODY-B3	Body	766	Discard	769-754
R073	R073-1	R073-1-B1	Chip	2921	Discard	2924-2915

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R073	R073-1	R073-1-B1	Chip	2853	Discard	2857-2844
R073	R073-1	R073-1-B1	Chip	2361	Discard	2364-2352
R073	R073-1	R073-1-B1	Chip	2322	Discard	2328-2313
R073	R073-1	R073-1-B1	Chip	2117		
R073	R073-1	R073-1-B1	Chip	1982	Discard	1985-1979
R073	R073-1	R073-1-B1	Chip	1643	Discard	1655-1616
R073	R073-1	R073-1-B1	Chip	1053	Discard	1062-1050
R073	R073-1	R073-1-B1	Chip	907	Discard	913-894
R073	R073-1	R073-1-B1	Chip	800		
R073	R073-1	R073-1-B1	Chip	784		
R073	R073-1	R073-1-B1	Chip	702	Discard	705-696
R073	R073-1	R073-1-B2	Chip	2918	Discard	2924-2915
R073	R073-1	R073-1-B2	Chip	2847	Discard	2857-2844
R073	R073-1	R073-1-B2	Chip	2361	Discard	2364-2352
R073	R073-1	R073-1-B2	Chip	2340	Discard	2346-2334
R073	R073-1	R073-1-B2	Chip	2325	Discard	2328-2313
R073	R073-1	R073-1-B2	Chip	2163	Discard	2199-2160
R073	R073-1	R073-1-B2	Chip	1989		
R073	R073-1	R073-1-B2	Chip	1053	Discard	1062-1050
R073	R073-1	R073-1-B2	Chip	904	Discard	913-894
R073	R073-1	R073-1-B2	Chip	784		
R073	R073-1	R073-1-B3	Chip	2921	Discard	2924-2915
R073	R073-1	R073-1-B3	Chip	2853	Discard	2857-2844
R073	R073-1	R073-1-B3	Chip	2358	Discard	2364-2352
R073	R073-1	R073-1-B3	Chip	2325	Discard	2328-2313
R073	R073-1	R073-1-B3	Chip	2313	Discard	2328-2313
R073	R073-1	R073-1-B3	Chip	2053		
R073	R073-1	R073-1-B3	Chip	1982	Discard	1985-1979
R073	R073-1	R073-1-B3	Chip	1631	Discard	1655-1616
R073	R073-1	R073-1-B3	Chip	1059	Discard	1062-1050
R073	R073-1	R073-1-B3	Chip	897	Discard	913-894
R073	R073-1	R073-1-B3	Chip	797		
R073	R073-1	R073-1-B3	Chip	781	Discard	781-772
R073	R073-1	R073-1-B3	Chip	702	Discard	705-696
R073	R073-BODY	R073-BODY-B1	Body	2921	Discard	2924-2915
R073	R073-BODY	R073-BODY-B1	Body	2847	Discard	2857-2844
R073	R073-BODY	R073-BODY-B1	Body	2352	Discard	2364-2352
R073	R073-BODY	R073-BODY-B1	Body	2325	Discard	2328-2313
R073	R073-BODY	R073-BODY-B1	Body	2053		
R073	R073-BODY	R073-BODY-B1	Body	1982	Discard	1985-1979
R073	R073-BODY	R073-BODY-B1	Body	1866		
R073	R073-BODY	R073-BODY-B1	Body	1619	Discard	1655-1616

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R073	R073-BODY	R073-BODY-B1	Body	1169		
R073	R073-BODY	R073-BODY-B1	Body	1056	Discard	1062-1050
R073	R073-BODY	R073-BODY-B1	Body	900	Discard	913-894
R073	R073-BODY	R073-BODY-B1	Body	800		
R073	R073-BODY	R073-BODY-B1	Body	781	Discard	781-772
R073	R073-BODY	R073-BODY-B1	Body	696	Discard	705-696
R073	R073-BODY	R073-BODY-B2	Body	2918	Discard	2924-2915
R073	R073-BODY	R073-BODY-B2	Body	2850	Discard	2857-2844
R073	R073-BODY	R073-BODY-B2	Body	2362	Discard	2364-2352
R073	R073-BODY	R073-BODY-B2	Body	2325	Discard	2328-2313
R073	R073-BODY	R073-BODY-B2	Body	2050		
R073	R073-BODY	R073-BODY-B2	Body	1979	Discard	1985-1979
R073	R073-BODY	R073-BODY-B2	Body	1062	Discard	1062-1050
R073	R073-BODY	R073-BODY-B2	Body	904	Discard	913-894
R073	R073-BODY	R073-BODY-B2	Body	800		
R073	R073-BODY	R073-BODY-B2	Body	781	Discard	781-772
R073	R073-BODY	R073-BODY-B2	Body	699	Discard	705-696
R073	R073-BODY	R073-BODY-B3	Body	2918	Discard	2924-2915
R073	R073-BODY	R073-BODY-B3	Body	2850	Discard	2857-2844
R073	R073-BODY	R073-BODY-B3	Body	2355	Discard	2364-2352
R073	R073-BODY	R073-BODY-B3	Body	2325	Discard	2328-2313
R073	R073-BODY	R073-BODY-B3	Body	2053		
R073	R073-BODY	R073-BODY-B3	Body	1998		
R073	R073-BODY	R073-BODY-B3	Body	1982	Discard	1985-1979
R073	R073-BODY	R073-BODY-B3	Body	1062	Discard	1062-1050
R073	R073-BODY	R073-BODY-B3	Body	910	Discard	913-894
R073	R073-BODY	R073-BODY-B3	Body	781	Discard	781-772
R074	R074-1	R074-1-B1	Chip	2921	Discard	2924-2915
R074	R074-1	R074-1-B1	Chip	2850	Discard	2857-2844
R074	R074-1	R074-1-B1	Chip	2361	Discard	2364-2352
R074	R074-1	R074-1-B1	Chip	2322	Discard	2328-2313
R074	R074-1	R074-1-B1	Chip	1979	Discard	1985-1979
R074	R074-1	R074-1-B1	Chip	1634	Discard	1655-1616
R074	R074-1	R074-1-B1	Chip	907	Discard	913-894
R074	R074-1	R074-1-B1	Chip	772	Discard	781-772
R074	R074-1	R074-1-B2	Chip	2918	Discard	2924-2915
R074	R074-1	R074-1-B2	Chip	2847	Discard	2857-2844
R074	R074-1	R074-1-B2	Chip	913	Discard	913-894
R074	R074-1	R074-1-B2	Chip	772	Discard	781-772
R074	R074-1	R074-1-B3	Chip	2918	Discard	2924-2915
R074	R074-1	R074-1-B3	Chip	2850	Discard	2857-2844
R074	R074-1	R074-1-B3	Chip	910	Discard	913-894

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R074	R074-1	R074-1-B3	Chip	772	Discard	781-772
R074	R074-BODY	R074-BODY-B1	Body	2960	Discard	2960
R074	R074-BODY	R074-BODY-B1	Body	2921	Discard	2924-2915
R074	R074-BODY	R074-BODY-B1	Body	2853	Discard	2857-2844
R074	R074-BODY	R074-BODY-B1	Body	2358	Discard	2364-2352
R074	R074-BODY	R074-BODY-B1	Body	2328	Discard	2328-2313
R074	R074-BODY	R074-BODY-B1	Body	2166	Discard	2199-2160
R074	R074-BODY	R074-BODY-B1	Body	1634	Discard	1655-1616
R074	R074-BODY	R074-BODY-B1	Body	1466	Discard	1466-1454
R074	R074-BODY	R074-BODY-B1	Body	1377	Discard	1380-1377
R074	R074-BODY	R074-BODY-B1	Body	1056	Discard	1062-1050
R074	R074-BODY	R074-BODY-B1	Body	1041		
R074	R074-BODY	R074-BODY-B1	Body	904	Discard	913-894
R074	R074-BODY	R074-BODY-B1	Body	781	Discard	781-772
R074	R074-BODY	R074-BODY-B2	Body	2921	Discard	2924-2915
R074	R074-BODY	R074-BODY-B2	Body	2850	Discard	2857-2844
R074	R074-BODY	R074-BODY-B2	Body	2358	Discard	2364-2352
R074	R074-BODY	R074-BODY-B2	Body	2325	Discard	2328-2313
R074	R074-BODY	R074-BODY-B2	Body	910	Discard	913-894
R074	R074-BODY	R074-BODY-B2	Body	769	Discard	769-754
R074	R074-BODY	R074-BODY-B3	Body	2918	Discard	2924-2915
R074	R074-BODY	R074-BODY-B3	Body	2850	Discard	2857-2844
R074	R074-BODY	R074-BODY-B3	Body	2361	Discard	2364-2352
R074	R074-BODY	R074-BODY-B3	Body	2325	Discard	2328-2313
R074	R074-BODY	R074-BODY-B3	Body	2166	Discard	2199-2160
R074	R074-BODY	R074-BODY-B3	Body	1979	Discard	1985-1979
R074	R074-BODY	R074-BODY-B3	Body	910	Discard	913-894
R074	R074-BODY	R074-BODY-B3	Body	763	Discard	769-754
R075	R075-1	R075-1-B1	Chip	2921	Discard	2924-2915
R075	R075-1	R075-1-B1	Chip	2853	Discard	2857-2844
R075	R075-1	R075-1-B1	Chip	2361	Discard	2364-2352
R075	R075-1	R075-1-B1	Chip	2340	Discard	2346-2334
R075	R075-1	R075-1-B1	Chip	2328	Discard	2328-2313
R075	R075-1	R075-1-B1	Chip	2233		
R075	R075-1	R075-1-B1	Chip	2221		
R075	R075-1	R075-1-B1	Chip	2196	Discard	2199-2160
R075	R075-1	R075-1-B1	Chip	2169	Discard	2199-2160
R075	R075-1	R075-1-B1	Chip	1982	Discard	1985-1979
R075	R075-1	R075-1-B1	Chip	1643	Discard	1655-1616
R075	R075-1	R075-1-B1	Chip	1059	Discard	1062-1050
R075	R075-1	R075-1-B1	Chip	904	Discard	913-894
R075	R075-1	R075-1-B1	Chip	797		

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R075	R075-1	R075-1-B1	Chip	781	Discard	781-772
R075	R075-1	R075-1-B1	Chip	699	Discard	705-696
R075	R075-1	R075-1-B2	Chip	2918	Discard	2924-2915
R075	R075-1	R075-1-B2	Chip	2850	Discard	2857-2844
R075	R075-1	R075-1-B2	Chip	2358	Discard	2364-2352
R075	R075-1	R075-1-B2	Chip	2325	Discard	2328-2313
R075	R075-1	R075-1-B2	Chip	2050		
R075	R075-1	R075-1-B2	Chip	1979	Discard	1985-1979
R075	R075-1	R075-1-B2	Chip	1637	Discard	1655-1616
R075	R075-1	R075-1-B2	Chip	1056	Discard	1062-1050
R075	R075-1	R075-1-B2	Chip	907	Discard	913-894
R075	R075-1	R075-1-B2	Chip	778	Discard	781-772
R075	R075-1	R075-1-B3	Chip	2921	Discard	2924-2915
R075	R075-1	R075-1-B3	Chip	2850	Discard	2857-2844
R075	R075-1	R075-1-B3	Chip	904	Discard	913-894
R075	R075-1	R075-1-B3	Chip	769	Discard	769-754
R075	R075-BODY	R075-BODY-B1	Body	2921	Discard	2924-2915
R075	R075-BODY	R075-BODY-B1	Body	2847	Discard	2857-2844
R075	R075-BODY	R075-BODY-B1	Body	2352	Discard	2364-2352
R075	R075-BODY	R075-BODY-B1	Body	2325	Discard	2328-2313
R075	R075-BODY	R075-BODY-B1	Body	1050	Discard	1062-1050
R075	R075-BODY	R075-BODY-B1	Body	907	Discard	913-894
R075	R075-BODY	R075-BODY-B1	Body	803		
R075	R075-BODY	R075-BODY-B1	Body	781	Discard	781-772
R075	R075-BODY	R075-BODY-B1	Body	699	Discard	705-696
R075	R075-BODY	R075-BODY-B1	Body	561		
R075	R075-BODY	R075-BODY-B2	Body	2921	Discard	2924-2915
R075	R075-BODY	R075-BODY-B2	Body	2358	Discard	2364-2352
R075	R075-BODY	R075-BODY-B2	Body	2325	Discard	2328-2313
R075	R075-BODY	R075-BODY-B2	Body	2190	Discard	2199-2160
R075	R075-BODY	R075-BODY-B2	Body	2166	Discard	2199-2160
R075	R075-BODY	R075-BODY-B2	Body	1982	Discard	1985-1979
R075	R075-BODY	R075-BODY-B2	Body	1637	Discard	1655-1616
R075	R075-BODY	R075-BODY-B2	Body	1053	Discard	1062-1050
R075	R075-BODY	R075-BODY-B2	Body	897	Discard	913-894
R075	R075-BODY	R075-BODY-B2	Body	800		
R075	R075-BODY	R075-BODY-B2	Body	781	Discard	781-772
R075	R075-BODY	R075-BODY-B2	Body	696	Discard	705-696
R075	R075-BODY	R075-BODY-B2	Body	607		
R075	R075-BODY	R075-BODY-B2	Body	580		
R075	R075-BODY	R075-BODY-B3	Body	2921	Discard	2924-2915
R075	R075-BODY	R075-BODY-B3	Body	2853	Discard	2857-2844

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R075	R075-BODY	R075-BODY-B3	Body	2355	Discard	2364-2352
R075	R075-BODY	R075-BODY-B3	Body	2325	Discard	2328-2313
R075	R075-BODY	R075-BODY-B3	Body	2285		
R075	R075-BODY	R075-BODY-B3	Body	1622	Discard	1655-1616
R075	R075-BODY	R075-BODY-B3	Body	1062	Discard	1062-1050
R075	R075-BODY	R075-BODY-B3	Body	907	Discard	913-894
R075	R075-BODY	R075-BODY-B3	Body	778	Discard	781-772
R075	R075-BODY	R075-BODY-B3	Body	635		
R075	R075-BODY	R075-BODY-B3	Body	558		
R076	R076-1	R076-1-B1	Chip	2924	Discard	2924-2915
R076	R076-1	R076-1-B1	Chip	2361	Discard	2364-2352
R076	R076-1	R076-1-B1	Chip	2325	Discard	2328-2313
R076	R076-1	R076-1-B1	Chip	2169	Discard	2199-2160
R076	R076-1	R076-1-B1	Chip	1982	Discard	1985-1979
R076	R076-1	R076-1-B1	Chip	1163		
R076	R076-1	R076-1-B1	Chip	1056	Discard	1062-1050
R076	R076-1	R076-1-B1	Chip	910	Discard	913-894
R076	R076-1	R076-1-B1	Chip	784		
R076	R076-1	R076-1-B1	Chip	699	Discard	705-696
R076	R076-1	R076-1-B2	Chip	2918	Discard	2924-2915
R076	R076-1	R076-1-B2	Chip	2847	Discard	2857-2844
R076	R076-1	R076-1-B2	Chip	2364	Discard	2364-2352
R076	R076-1	R076-1-B2	Chip	2328	Discard	2328-2313
R076	R076-1	R076-1-B2	Chip	907	Discard	913-894
R076	R076-1	R076-1-B2	Chip	769	Discard	769-754
R076	R076-1	R076-1-B3	Chip	2924	Discard	2924-2915
R076	R076-1	R076-1-B3	Chip	2850	Discard	2857-2844
R076	R076-1	R076-1-B3	Chip	2361	Discard	2364-2352
R076	R076-1	R076-1-B3	Chip	2322	Discard	2328-2313
R076	R076-1	R076-1-B3	Chip	910	Discard	913-894
R076	R076-1	R076-1-B3	Chip	772	Discard	781-772
R076	R076-BODY	R076-BODY-B1	Body	3306	Discard	3346-3306
R076	R076-BODY	R076-BODY-B1	Body	2921	Discard	2924-2915
R076	R076-BODY	R076-BODY-B1	Body	2850	Discard	2857-2844
R076	R076-BODY	R076-BODY-B1	Body	2355	Discard	2364-2352
R076	R076-BODY	R076-BODY-B1	Body	2319	Discard	2328-2313
R076	R076-BODY	R076-BODY-B1	Body	2111		
R076	R076-BODY	R076-BODY-B1	Body	2053		
R076	R076-BODY	R076-BODY-B1	Body	1982	Discard	1985-1979
R076	R076-BODY	R076-BODY-B1	Body	1643	Discard	1655-1616
R076	R076-BODY	R076-BODY-B1	Body	1163		
R076	R076-BODY	R076-BODY-B1	Body	1056	Discard	1062-1050

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R076	R076-BODY	R076-BODY-B1	Body	904	Discard	913-894
R076	R076-BODY	R076-BODY-B1	Body	800		
R076	R076-BODY	R076-BODY-B1	Body	778	Discard	781-772
R076	R076-BODY	R076-BODY-B1	Body	699	Discard	705-696
R076	R076-BODY	R076-BODY-B2	Body	3627	Discard	3786-3624
R076	R076-BODY	R076-BODY-B2	Body	2915	Discard	2924-2915
R076	R076-BODY	R076-BODY-B2	Body	2850	Discard	2857-2844
R076	R076-BODY	R076-BODY-B2	Body	2361	Discard	2364-2352
R076	R076-BODY	R076-BODY-B2	Body	2340	Discard	2346-2334
R076	R076-BODY	R076-BODY-B2	Body	2328	Discard	2328-2313
R076	R076-BODY	R076-BODY-B2	Body	2163	Discard	2199-2160
R076	R076-BODY	R076-BODY-B2	Body	2050		
R076	R076-BODY	R076-BODY-B2	Body	2010		
R076	R076-BODY	R076-BODY-B2	Body	1979	Discard	1985-1979
R076	R076-BODY	R076-BODY-B2	Body	1640	Discard	1655-1616
R076	R076-BODY	R076-BODY-B2	Body	1166		
R076	R076-BODY	R076-BODY-B2	Body	1059	Discard	1062-1050
R076	R076-BODY	R076-BODY-B2	Body	904	Discard	913-894
R076	R076-BODY	R076-BODY-B2	Body	797		
R076	R076-BODY	R076-BODY-B2	Body	778	Discard	781-772
R076	R076-BODY	R076-BODY-B2	Body	696	Discard	705-696
R076	R076-BODY	R076-BODY-B3	Body	2921	Discard	2924-2915
R076	R076-BODY	R076-BODY-B3	Body	2857	Discard	2857-2844
R076	R076-BODY	R076-BODY-B3	Body	2361	Discard	2364-2352
R076	R076-BODY	R076-BODY-B3	Body	2328	Discard	2328-2313
R076	R076-BODY	R076-BODY-B3	Body	1982	Discard	1985-1979
R076	R076-BODY	R076-BODY-B3	Body	904	Discard	913-894
R076	R076-BODY	R076-BODY-B3	Body	775	Discard	781-772
R077	R077-1	R077-1-B1	Chip	2918	Discard	2924-2915
R077	R077-1	R077-1-B1	Chip	2850	Discard	2857-2844
R077	R077-1	R077-1-B1	Chip	2358	Discard	2364-2352
R077	R077-1	R077-1-B1	Chip	2328	Discard	2328-2313
R077	R077-1	R077-1-B1	Chip	1982	Discard	1985-1979
R077	R077-1	R077-1-B1	Chip	1044		
R077	R077-1	R077-1-B1	Chip	904	Discard	913-894
R077	R077-1	R077-1-B1	Chip	788		
R077	R077-1	R077-1-B2	Chip	3786	Discard	3786-3624
R077	R077-1	R077-1-B2	Chip	2918	Discard	2924-2915
R077	R077-1	R077-1-B2	Chip	2847	Discard	2857-2844
R077	R077-1	R077-1-B2	Chip	2658		
R077	R077-1	R077-1-B2	Chip	2478	Residue	
R077	R077-1	R077-1-B2	Chip	2401	Residue	

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R077	R077-1	R077-1-B2	Chip	2322	Discard	2328-2313
R077	R077-1	R077-1-B2	Chip	2279		
R077	R077-1	R077-1-B2	Chip	2077		
R077	R077-1	R077-1-B2	Chip	1982	Discard	1985-1979
R077	R077-1	R077-1-B2	Chip	1937	Residue	
R077	R077-1	R077-1-B2	Chip	1619	Discard	1655-1616
R077	R077-1	R077-1-B2	Chip	1056	Discard	1062-1050
R077	R077-1	R077-1-B2	Chip	900	Discard	913-894
R077	R077-1	R077-1-B2	Chip	778	Discard	781-772
R077	R077-1	R077-1-B2	Chip	754	Discard	769-754
R077	R077-1	R077-1-B2	Chip	699	Discard	705-696
R077	R077-1	R077-1-B3	Chip	2921	Discard	2924-2915
R077	R077-1	R077-1-B3	Chip	2850	Discard	2857-2844
R077	R077-1	R077-1-B3	Chip	2361	Discard	2364-2352
R077	R077-1	R077-1-B3	Chip	2340	Discard	2346-2334
R077	R077-1	R077-1-B3	Chip	2325	Discard	2328-2313
R077	R077-1	R077-1-B3	Chip	2050		
R077	R077-1	R077-1-B3	Chip	2044		
R077	R077-1	R077-1-B3	Chip	1992		
R077	R077-1	R077-1-B3	Chip	1979	Discard	1985-1979
R077	R077-1	R077-1-B3	Chip	1634	Discard	1655-1616
R077	R077-1	R077-1-B3	Chip	1059	Discard	1062-1050
R077	R077-1	R077-1-B3	Chip	894	Discard	913-894
R077	R077-1	R077-1-B3	Chip	797		
R077	R077-1	R077-1-B3	Chip	778	Discard	781-772
R077	R077-1	R077-1-B3	Chip	696	Discard	705-696
R077	R077-BODY	R077-BODY-B1	Body	2918	Discard	2924-2915
R077	R077-BODY	R077-BODY-B1	Body	2844	Discard	2857-2844
R077	R077-BODY	R077-BODY-B1	Body	2358	Discard	2364-2352
R077	R077-BODY	R077-BODY-B1	Body	2325	Discard	2328-2313
R077	R077-BODY	R077-BODY-B1	Body	2016		
R077	R077-BODY	R077-BODY-B1	Body	1989		
R077	R077-BODY	R077-BODY-B1	Body	1059	Discard	1062-1050
R077	R077-BODY	R077-BODY-B1	Body	907	Discard	913-894
R077	R077-BODY	R077-BODY-B1	Body	800		
R077	R077-BODY	R077-BODY-B1	Body	778	Discard	781-772
R077	R077-BODY	R077-BODY-B1	Body	699	Discard	705-696
R077	R077-BODY	R077-BODY-B2	Body	2918	Discard	2924-2915
R077	R077-BODY	R077-BODY-B2	Body	2850	Discard	2857-2844
R077	R077-BODY	R077-BODY-B2	Body	2355	Discard	2364-2352
R077	R077-BODY	R077-BODY-B2	Body	2325	Discard	2328-2313
R077	R077-BODY	R077-BODY-B2	Body	1985	Discard	1985-1979

Sample	Location	Run	Sample Type	Peak	Discard	Discard Peak
R077	R077-BODY	R077-BODY-B2	Body	1062	Discard	1062-1050
R077	R077-BODY	R077-BODY-B2	Body	900	Discard	913-894
R077	R077-BODY	R077-BODY-B2	Body	778	Discard	781-772
R077	R077-BODY	R077-BODY-B3	Body	2921	Discard	2924-2915
R077	R077-BODY	R077-BODY-B3	Body	2847	Discard	2857-2844
R077	R077-BODY	R077-BODY-B3	Body	2358	Discard	2364-2352
R077	R077-BODY	R077-BODY-B3	Body	2322	Discard	2328-2313
R077	R077-BODY	R077-BODY-B3	Body	1982	Discard	1985-1979
R077	R077-BODY	R077-BODY-B3	Body	907	Discard	913-894
R077	R077-BODY	R077-BODY-B3	Body	772	Discard	781-772

Table 4: FTIR Data Rejected for Being from Commonly Occurring Peaks

This table contains all 31 commonly-occurring peaks from locally-made ceramics that were removed from the analysis, along with the number of runs that had these peaks. The excluded peaks are presumably from the extraction solution, the microscope slide, surface contamination, and/or portions of the ceramic body suspended in the extraction solution. Group 1 are the samples with "normal" background readings (Table 2) and Group 2 are the samples with little to no background readings from the extraction solution (Table 3). Peak values are in cm-1.

Discard Peak	Peaks Group 1	Peaks Group 2
3786-3619	3	4
3544-3517	53	0
3413-3281	48	3
3070-3054	143	0
3028-3017	164	0
2960-2951	195	1
2928-2915	197	68
2887-2863	196	1
2860-2825	202	64
2737-2722	90	0
2364-2352	0	54
2346-2334	0	19
2328-2313	0	51
2199-2160	0	17
1985-1979	0	32
1741-1723	180	0
1704-1692	177	0
1655-1616	0	34
1610-1600	168	0
1543-1536	182	0
1503-1493	143	0
1466-1454	196	2
1383-1374	187	1
1316-1303	145	0
1276-1266	145	1
1255-1246	105	0
1062-1050	0	26
913-884	195	72
781-772	0	47
769-751	175	24
705-696	171	23

Table 5: Comparison FTIR Peaks from Chipped Areas and Control Samples

This table contains all of the peaks left in the dataset after the commonly-occur peaks were excluded, along with the control samples. Peak values are in cm-1. Any peak from Group 1 or 2 that was more than 5 cm-1 from a peak associated with a control sample was considered a residue and analyzed in Chapter 9. Group 1 and Control 1 are the chipped samples and control samples from locally-made samples with "normal" background readings (Table 2), Group 2 and Control 2 are the chipped samples and control samples from local samples with little to no background readings from the extraction solution (Table 3), and Imported Control are the control samples from imported tablewares (see Appendix F).

Peak	Group 1	Group 2	Control 1	Control 2	Imported Control
3330					1
3291					1
3086			1		
3083			1		
3049	1				
3046	2				
3043	2		2		1
3041					1
3031			1		
2658		1		1	
2634		1			
2615	1				
2583	1				
2524	1				
2478		1			
2401		1			
2387	1				
2368	1		1		
2364	4		1		
2361	8		5		2
2358	8		6		1
2356					1
2355	2		1		1
2352	1				3
2349	1				
2346			1		
2341					1
2340	1				2
2337	1		1		
2334	3		2		
2332	1				
2331	2				
2328	1		3		

Peak	Group 1	Group 2	Control 1	Control 2	Imported Control
2325	8		3		3
2322	2		1		1
2321	1				
2319					1
2300					1
2288	2				
2285	1		1		
2282	1				
2279	1				
2264	1				
2245	1				
2242					1
2233	2				
2227			1		
2221	1				
2215	1				
2169					1
2166					2
2166	1		1		
2159	1				
2117		1		1	
2111				1	
2077		1			
2053		1		4	
2050		3		3	
2045					1
2044		1			
2040		1			
2037		1		1	
2034				2	
2025		1			
2016				1	
2014	1				
2013		1			
2010		1		1	
2007		1			
1998		2		1	
1992		1		1	
1991	2				
1989		1		1	2
1985	1		1		
1983	1				

Peak	Group 1	Group 2	Control 1	Control 2	Imported Control
1982	1		1		
1980	1				
1979	1		2		5
1937		1			
1888					1
1882					1
1875			2		
1869			1		
1866			1	1	
1850					1
1652					1
1649	1				
1646					1
1634	1				1
1610					1
1597					2
1585			1		
1575	1				
1525	1				
1518	9		5		
1515	19		16		10
1513					1
1512	4		3		
1510	1				
1506					1
1500					3
1490					1
1435				1	
1426					1
1420	1				
1414			1		
1408	1				
1405			1		1
1402	6		2		4
1399	3		4		2
1396	1				1
1371	1		1		
1368				1	
1344	1		1		
1338	1			1	
1325	1		1		
1319				1	

Peak	Group 1	Group 2	Control 1	Control 2	Imported Control
1313					5
1304					4
1258					1
1255					4
1172			1		
1169				1	
1166				1	
1163	3	3	6	2	
1062	1				
1053					1
1044		1		1	
1041			2	1	
1038				1	
1032			1		1
1029			2		1
1026	2		1		2
1023			3	1	
1020	1		1		1
1017			3		
1014	1		2		
1010			2		
1007		1			
1003			1		
1001		2	1	2	1
998		1	1	1	
994					1
992	3				
990	1				1
989	1			1	
987					2
986		2			
983			1		
980	1				
977	1		1		1
974	2		1		1
971	2		5		1
968	6		5		1
965	1		1		3
963			1		
962	1		2		1
960	1				
959	1				

Peak	Group 1	Group 2	Control 1	Control 2	Imported Control
879	1				
824			1		
803	1				
800	3	2	5	8	1
798			1		
797	4	5	6	3	1
794					1
793					1
788		1	1		
786				1	
784	1	3			1
781	2				1
778	6		8		6
777	2				1
776			1		
775	9		9		1
772	2		2		1
748	4		2		2
745	1		1		1
735			1		
723			1		
711			1		
669					1
677				1	
662			1		
653			1		
647			1		
635				1	
622				1	1
616		1			
613					2
607				1	
604				1	
598		1			
586			1		
583		1	1		
580			3	2	
576		1			
567		1		1	
564			1		
561				1	
558	1				

Peak	Group 1	Group 2	Control 1	Control 2	Imported Control
555	2	1	2	1	

Table 6: Use-Wear Analysis, Crocks and Jars

This table contains all the use-wear data from the locally-made crock and/or jars from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
1.094	2086.BF	Exterior	Rim	Abrasive	Striation	Linear		Indeterminate		
1.096	2058.AY	Interior	Wall	Abrasion	Striation	Irregular	Indeterminate	Vertical	6	
1.101	2086.BK	Interior	Rim	Abrasive	Striation	Ovaloid		Indeterminate	6	4
1.101	2086.BK	Interior	Rim	Abrasive	Striation	Ovaloid		Indeterminate	8	4
1.101	2086.BK	Interior	Rim	Abrasive	Striation	Ovaloid		Indeterminate	10	4
1.108	1039.AG	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	8	5
1.108	1039.AG	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	7	
1.108	1039.AG	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	10	
1.114	1502.BC	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
1.114	1502.BC	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
1.127		Interior	Rim	Abrasive	Striation	Linear		Horizontal	22	2
1.127		Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	3	2
1.127		Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	3	2
1.127		Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	3	1
1.127		Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	4	1
1.127	2114.AF	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
1.127	2293.AC	Exterior	Wall	Abrasive	Patch	n/a		Indeterminate		
1.128	1042.AN	Interior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		1
1.128	1042.AN	Interior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		1
1.128	1078.AR	Interior	Wall	Abrasive	Striation	Linear	Mid	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Ovaloid	High	Horizontal	2	1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Ovaloid	High	Horizontal	1	1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Ovaloid	High	Horizontal	3	1
1.128	1470.BR	Interior	Wall	Abrasive	Striation	Ovaloid	High	Vertical	5	3
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	1507.BK	Interior	Wall	Abrasive	Striation	Linear	High	Horizontal		1
1.128	2011.AV	Exterior	Rim	Abrasion	Striation	Ovaloid	Indeterminate	Horizontal	5	1
1.128	2011.AV	Exterior	Rim	Abrasion	Striation	Ovaloid	Indeterminate	Horizontal	3	1
1.128	2011.AV	Exterior	Rim	Abrasion	Striation	Ovaloid	Indeterminate	Horizontal	4	1
1.128	2011.AV	Exterior	Rim	Abrasion	Striation	Ovaloid	Indeterminate	Horizontal	5	1
1.129	2038.BU	Exterior	Rim	Fatigue	Spall	Irregular		Indeterminate		
1.149	1090.AA	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
1.149	1090.AA	Interior	Wall	Abrasive	Striation	Linear		Diagonal		1
1.149	1090.AA	Interior	Wall	Abrasive	Striation	Linear		Diagonal		1
1.149	1090.AA	Interior	Wall	Abrasive	Striation	Linear		Diagonal		1
1.149	1090.AB	Interior	Wall	Abrasive	Striation	Linear		Diagonal		1
1.149	1090.AB	Interior	Wall	Abrasive	Striation	Linear		Diagonal		1

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
1.158	1078.AP	Interior	Wall	Abrasive	Striation	Linear	Mid	Diagonal		2
2.019	1868.DO	Exterior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.019	1868.DO	Exterior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.019	2476.CU	Interior	Rim	Fatigue	Spall	Irregular		Indeterminate		
2.020	1868.DW	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.020	1868.DW	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.020	1868.DX	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal		2
2.020	2476.CR	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	3	3
2.020	2476.CR	Exterior	Rim	Fatigue	Spall	Irregular		Vertical		
2.020	2476.CS	Exterior	Rim	Fatigue	Spall	Irregular		Vertical		
2.020	2476.CT	Interior	Base	Abrasive	Patch	n/a		Indeterminate		
2.020	2476.CT	Exterior	Foot Ring	Abrasive	Patch	n/a		Indeterminate		
2.020	3351.BB	Interior	Wall	Abrasion	Striation	Ovaloid	Indeterminate	Horizontal	12	4
2.020	3351.BB	Interior	Wall	Abrasion	Striation	Ovaloid	Indeterminate	Horizontal		3
2.020	3351.BB	Exterior	Wall	Fatigue	Spall	Ovaloid	Indeterminate	Indeterminate	7	5
2.021	2506.AQ	Interior	Rim	Fatigue	Spall	Ovaloid		Vertical	10	4
2.027	2556.BR	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	4	3
2.125	3354.BJ	Interior	Wall	Abrasive	Striation	Linear		Horizontal	20	1
2.125	3354.BJ	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	3	2
2.125	3354.BJ	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate		3
3.025	3677.BE	Interior	Base	Abrasive	Striation	Ovaloid		Indeterminate	4	3
3.025	3677.BE	Interior	Base	Abrasive	Striation	Ovaloid		Indeterminate	8	
3.025	3677.BE	Interior	Base	Abrasive	Striation	Ovaloid		Indeterminate		5
3.025	3677.BE	Interior	Base	Abrasive	Striation	Linear		Vertical	3	1
3.025	3677.BE	Interior	Base	Abrasive	Striation	Linear		Vertical	3	1
3.025	3677.BE	Interior	Base	Abrasive	Striation	Ovaloid		Indeterminate		
3.025	3677.BE	Interior	Base	Abrasive	Striation	Ovaloid		Indeterminate		
3.025	3677.BE	Exterior	Foot Ring	Abrasive	Patch	n/a		Indeterminate		
3.029	2250.BT	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	2	1
3.029	2250.BT	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	2	1

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
3.029	2250.BT	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	2	1
3.031	2324.CJ	Interior	Rim	Fatigue	Spall	Irregular		Indeterminate		4
3.031	2324.CJ	Interior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	9	7
3.031	2324.CJ	Exterior	Rim	Fatigue	Spall	Irregular		Indeterminate	10	7
3.031	2324.CK	Interior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	8	
3.034	3677.BF	Interior	Wall	Abrasive	Patch	n/a		n/a		
3.034	3677.BF	Exterior	Rim	Fatigue	Spall	Irregular		Indeterminate	4	3
3.041	3560.CB	Interior	Rim	Fatigue	Spall	Irregular		Vertical	3	2
3.041	3560.CB	Exterior	Rim	Abrasive	Striation	Ovaloid		Horizontal	22	4
3.041	3560.CB	Exterior	Rim	Fatigue	Spall	Irregular		Indeterminate	5	5
7.018	4105.AZ	Interior	Rim	Abrasion	Patch	Irregular	Indeterminate	Indeterminate		
7.018	4105.AZ	Interior	Wall	Abrasion	Patch	Irregular	Indeterminate	Indeterminate		
7.019	3911.BM	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal		
7.019	3911.BN	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		
7.019	3922.BO	Exterior	Wall	Abrasive	Striation	Ovaloid		Indeterminate		
7.019	3922.BO	Exterior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	3	2
7.019	4109.BA	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	11	5

Table 7: Use-Wear Analysis, Pans

This table contains all the use-wear data from the locally-made pans from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
2.016	1868.CF	Interior	Wall	Abrasive	Patch	n/a		n/a		
2.016	1868.CF	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.016	2476.CE	Exterior	Foot Ring	Abrasive	Patch	n/a		Indeterminate		
2.016	2476.CE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	5	3
2.016	2476.CE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	5	3
2.016	2476.CE	Exterior	Wall	Fatigue	Spall	Ovaloid		Indeterminate	3	2
2.016	2476.CE	Exterior	Wall	Thermal	Sooting	n/a		n/a		
2.016	2476.CE	Exterior	Foot Ring	Thermal	Sooting	n/a		n/a		
2.016	2476.CE	Exterior	Base	Thermal	Sooting	n/a		n/a		
2.016	2476.CE	Interior	Base	Fatigue	Patch	n/a		Indeterminate		
2.016	2476.CE	Interior	Wall	Fatigue	Patch	n/a		Indeterminate		
2.016	2476.CE	Interior	Wall	Fatigue	Spall	Ovaloid		Indeterminate		3
2.016	2476.CE	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.016	2476.CE	Interior	Base	Thermal	Discoloration	n/a		n/a		
2.016	2476.CF	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.016	3370.CE	Exterior	Wall	Thermal	Sooting	n/a		n/a		
2.016	3370.CE	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	1425.CO	Exterior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	1868.DR	Interior	Wall	Thermal	Charred Encrustation	Irregular		n/a		
2.017	1868.DR	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	1868.DS	Interior	Wall	Thermal	Charred Encrustation	Irregular		n/a		
2.017	1868.DS	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	1868.DT	Interior	Wall	Thermal	Charred Encrustation	Irregular		n/a		
2.017	1868.DT	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	1868.DY	Interior	Rim	Abrasive	Striation	Linear		Indeterminate		
2.017	2476.CD	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	2506.AP	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.017	2556.BY	Exterior	Wall	Thermal	Sooting	n/a		n/a		
2.017	2556.BY	Interior	Wall	Thermal	Discoloration	n/a		n/a		
2.026	1007.AA	Exterior	Wall	Fatigue	Spall	Irregular		Indeterminate		

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
2.026	1007.AA	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	12	7
2.026	1713.AO	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.026	1713.AO	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.026	1713.AO	Interior	Wall	Abrasive	Striation	Linear		Horizontal		1
2.030	1023.BD	Interior	Wall	Abrasive	Striation	Linear		Horizontal		3
2.030	1679.AM	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	10	3
2.030	1679.AM	Interior	Wall	Abrasive	Striation	Linear		Horizontal	7	1
2.030	1714.AH	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	10	5
2.030	1723.BG	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	9	5
2.030	1723.BG	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	6	3
2.030	1723.BG	Interior	Wall	Abrasive	Striation	Ovaloid		Indeterminate	3	3
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	2	1
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	2	1
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	3	3
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	3	2
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	2	2
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	3	2
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	4	
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	9	
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	5	3
3.032	3446.AF	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal		
3.032	3446.AF	Interior	Wall	Fatigue	Spall	Ovaloid		Horizontal		
3.032	3497.AT	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	5	4
3.032	3497.AT	Interior	Wall	Abrasive	Striation	Ovaloid		Horizontal	4	4
3.032	3497.AT	Interior	Rim	Fatigue	Spall	Irregular		Vertical		
3.044	3560.CI	Interior	Wall	Abrasive	Striation	Linear	Mid	Vertical	5	1
3.044	3560.CI	Interior	Wall	Fatigue	Spall	Irregular		Indeterminate		
3.044	3560.CI	Interior	Wall	Thermal	Charred Encrustation	Irregular		n/a		
3.044	3560.CI	Interior	Wall	Thermal	Charred Encrustation	Irregular		n/a		

Table 8: Use-Wear Analysis, Jugs

This table contains all the use-wear data from the locally-made jugs from Quarter Site B. Vessel indicates the vessel number, artifact is the catalogue number for each sherd, side is the side of the vessels the wear occurs on, location is where on the vessel the wear occurs, mechanism how the wear was produced, trace is the type of wear on the vessel, edge is the shape of the wears' top edge, edge wear is the amount of abrasive wear on the trace's top edge, orientation is the direction of the wear relative to the vessels, and length and width are the size of the trace, listed in millimeters. For additional explanation, see Chapter 8.

Vessel	Artifact	Side	Location	Mechanism	Trace	Edge	Edge Wear	Orientation	Length	Width
1.157	3756.BU	Exterior	Wall	Abrasive	Striation	Linear		Diagonal	6	1
1.099	3764.BV	Exterior	Rim	Fatigue	Spall	Irregular		Indeterminate		
2.024	1723.BJ	Interior	Wall	Abrasion	Patch	n/a	Indeterminate	Horizontal		

Table 9: Molasses Purchased by White Consumers

This table contains all the transcribed entries for White Shenandoahans purchasing molasses from Valley stores. Data from the Baker Store ledger (1861), Clark Cather's ledger (1882), the Cooper/Davis Ledger (1849, data only covers 27 October 1842 to 31 December 1846), Mahone Gore's ledger (1860, data only covers 19 February 1859 to 20 February 1860), the Homer and Nelson Store (1851, data only covers 20 September 1849 to 9 September 1850), Edward Sperry's ledger (1839), and ledgers from unknown stores in Charlestown, Winchester, and Middletown (Account Book 1 1795; Account Book 1800; 1806). See Chapter 7 for more details on these ledgers.

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1795	11/11	Dust, Philip	Daughter	Molasses	0.5		2	6
1795	12/19	Dust, Philip	Daughter	Molasses	0.25		1	3
1795	11/24	Young, John	Father	Molasses	0.5		2	5
1795	12/5	Young, John	Father	Molasses	0.5		2	5
1795	12/19	Young, John	Father	Molasses	0.5		2	6
1795	11/16	Young, John	Jacob	Molasses	0.5		2	5
1795	10/10	Frame?, Mathew	Self	Molasses	0.25		1	2
1795	11/16	Young, John	Self	Molasses	0.5		2	5
1795	11/27	Anderson, John	Self	Molasses	1		4	9
1795	12/1	Nouse, Gabriel	Self	Molasses	1.5		7	2
1795	12/5	Speaks, William	Self	Molasses	0.5		2	5
1795	12/7	Young, John	Self	Molasses	1		4	9
1795	12/8	Marmaduke?, Sampson	Self	Molasses	0.125		0	8
1795	12/12	Harris, William	Self	Molasses	0.25		1	3
1795	12/15	Sewell, David	Self	Molasses	0.5		2	5
1795	12/19	Crow, William	Self	Molasses	0.25		1	3
1800	1/24	Neill, Lewis	Self	Molasses			1	3
1800	6/10	Beall, Cephas	Self	Molasses			4	9
1800	10/18	Sagatey, Peter	Self	Molasses			0	4.5
1806	4/8	Baker, Samuel	Dick	Molasses	1		4	6
1806	1/4	Baker, Samuel	Self	Molasses	1		4	0
1806	2/8	Baker, Samuel	Self	Molasses	1		4	0
1806	2/17	Barden, John	Self	Molasses	0.125		0	9
1806	2/19	Chastain, Lewis	Self	Molasses	0.25		1	0
1806	3/12	Chastain, Lewis	Self	Molasses	0.25		1	0
1806	3/15	?, George	Self	Molasses	1		4	0
1806	3/24	Campbell, John	Self	Molasses	0.5		2	0
1838	5/19	Holsinger, ?		Molasses		0.9		
1838	5/21	Spitzer, Henry	Self	Molasses		1.01		
1838	5/22	Copp, William	Self	Molasses		1.35		
1838	5/22	Wright, ?	Self	Molasses		36		
1838	5/22	Bozalman?, Abraham?	Self	Molasses		1.8		
1838	5/22	Rhodes, Abraham	Self	Molasses		4.5		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1838	5/26	Browning, ?	Self	Molasses		0.45		
1838	5/26	Grove?, John	Self	Molasses		0.175		
1838	5/29	Haines	Self	Molasses		2.25		
1838	5/30	Faidley, D.	Self	Molasses		1.57		
1838	6/14	Copp, William	Self	Molasses		1		
1838	6/14	Stout, John	Self	Molasses		0.84		
1838	6/15	Kline, Henry	Self	Molasses		2.8		
1838	6/19	Good, Joshua	Self	Molasses		1.09		
1838	7/3	Funkhouser, A?	Self	Molasses		0.45		
1838	7/28	Huddle, ?	Self	Molasses		0.56		
1838	8/6	Miller, A.	Self	Molasses		1.575		
1838	8/6	Miller, A.	Self	Molasses		0.45		
1838	8/7	Allen, Adam	Self	Molasses		18		
1838	8/10	?acknow, John	Self	Molasses		0.45		
1838	8/16	Lantz, ?	Self	Molasses		1.8		
1838	10/3	Sibert, J.	Self	Molasses		1.35		
1838	10/3	Armat?, William	Self	Molasses		3.15		
1838	10/3	Lindymood	Self	Molasses		1.35		
1838	11/10	Neff, David	Self	Molasses		2.025		
1838	11/15	Philips, William	Self	Molasses		1.8		
1838	11/28	Arminstrout?, Fayette	Self	Molasses		4.8		
1838	12/7	Lichliter?, William	Self	Molasses		1.25		
1838	12/10	Shaver, Joshua	Self	Molasses		1.5		
1838	12/21	Saum?, John	Self	Molasses		1.5		
1839	1/8	Good, Issac	Self	Molasses		3.25		
1839	1/8	Good, Issac	Self	Molasses		2.5		
1839	1/21	Duff, William	Self	Molasses		2		
1839	1/24	Smith, Joshua	Self	Molasses		2.45		
1839	1/29	?, Mr.	Self	Molasses		0.75		
1839	2/12	Horsman?	Self	Molasses		2		
1839	2/12	Hall, Mr.	Self	Molasses		1		
1839	2/15	Hollsinger, Mr.	Self	Molasses		2.5		
1839	2/15	Hollsinger, Mr.	Self	Molasses		1		
1839	6/11	?, Joshua	Self	Molasses		1.35		
1841	7/5	Leffen?, John	?	Molasses	0.5			
1841	10/13	Cather, James	?	Molasses	1.5	0.75		
1842	5/18	Triplett, Nathaniel	?	Molasses	1			
1842	8/6	Lockmiller, Joseph	?	Molasses	0.5	0.25		
1842	9/20	Muse, Edward	?	Molasses	0.5	0.25		
1841	10/9	Carpenter, Smith?	Andrew?	Molasses		0.44		
1841	7/28	Anderson, Daniel	Brother	Molasses	0.25			
1841	8/30	Anderson, Sydnor?	Brother	Molasses	0.5	0.25		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1841	10/14	Anderson, Daniel	Brother	Molasses	0.25	0.12		
1841	10/12	Anderson, Daniel	Brother	Molasses	0.5	0.25		
1841	10/28	Anderson, Daniel	Brother	Molasses	0.25	0.12		
1842	7/25	Anderson, Daniel	Brother	Molasses	0.125	0.0625		
1842	7/14	Anderson, Daniel	Brother	Molasses	0.125	0.0625		
1842	8/1	Anderson, Sydnor?	Brother	Molasses	1	0.5		
1842	5/18	Kern, George	David	Molasses	1	0.5		
1842	7/23	Pool, Martin	Eno, E.	Molasses	0.5	0.25		
1842	6/1	Hammaus?, Joseph	Farmer, D.	Molasses	1.5			
1842	2/2	Pool, Martin	Father	Molasses	1	0.5		
1841	6/8	Brunbgardner?, Samuel	Funkhouser	Molasses	2	1		
1841	10/18	Anderson, Sydnor?	Jeremiah	Molasses	1	0.5		
1842	7/8	Anderson, Sydnor?	Jerry	Molasses	1	0.5		
1841	8/13	Kern, William	Johnson	Molasses	0.5	0.25		
1842	5/26	Lockhart, Josiah	Kitty	Molasses	0.25			
1841	6/1	Lockmiller, Joseph	Lady	Molasses	0.5			
1841	7/2	McKee, Robert	Lady	Molasses	0.5			
1841	8/18	Horn, John	Lady	Molasses	0.5	0.25		
1841	10/4	Anderson, Sydnor?	Lady	Molasses	0.5	0.25		
1841	10/2	Lovett, Johnathan	Lady	Molasses	1	0.5		
1841	10/4	Crumley?, Henry	Lady	Molasses	1	0.5		
1841	10/22	Giffin, John	Lady	Molasses	1	0.5		
1842	8/1	Lovett, Johnathan	Lady	Molasses	1	0.5		
1842	3/11	McKee, Joseph	Margery	Molasses	0.5	0.25		
1842	7/9	Anderson, Daniel	Mother	Molasses	0.25	0.12		
1842	6/11	Wheat, Beuon?	Ruth	Molasses	0.5	0.25		
1841	6/26	McKee, Joseph	Self	Molasses	1	0.5		
1841	6/19	McKee, Joseph	Self	Molasses	0.5	0.25		
1841	6/11	Marpole, Enoch	Self	Molasses	0.5	0.25		
1841	6/26	Marpole, Enoch	Self	Molasses	1	0.5		
1841	6/16	McKee, Elias	Self	Molasses	0.5	0.25		
1841	8/4	Marpole, Enoch	Self	Molasses	1	0.5		
1841	8/23	Marpole, Enoch	Self	Molasses	1	0.5		
1841	8/9	Cather, Washington	Self	Molasses	0.5	0.25		
1841	8/28	Eno, Edward	Self	Molasses				
1841	8/13	Keckley, Elias	Self	Molasses	0.5			
1841	8/6	Keckley, Elias	Self	Molasses	0.5	0.25		
1841	9/1	Marpole, Enoch	Self	Molasses	1	0.5		
1841	9/6	Hix, Eli	Self	Molasses	1			
1841	9/7	McKee, Robert	Self	Molasses	1.5	0.75		
1841	9/10	Wheat, Beuon?	Self	Molasses	0.5			
1841	9/12	Cowgill, John	Self	Molasses	1	0.5		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1841	10/21	Marpole, Enoch	Self	Molasses	1	0.5		
1841	10/9	Marpole, Enoch	Self	Molasses	2	1		
1841	10/1	McKee, Robert	Self	Molasses	1	0.5		
1841	10/25	McKee, Joseph	Self	Molasses	1	0.5		
1841	10/4	Allen, Isaac	Self	Molasses	4	2		
1841	10/5	Elliot, William	Self	Molasses	1	0.5		
1841	10/4	Eno, Edward	Self	Molasses	1	0.5		
1841	10/12	Tripplett, John	Self	Molasses	2	1		
1841	10/15	Giffin, Samuel	Self	Molasses	1.5	0.75		
1841	10/20	Hook, Archibald	Self	Molasses	1	0.5		
1841	11/1	Lockhart, Josiah	Self	Molasses	1	0.5		
1841	11/3	Keckley, Elias	Self	Molasses	0.75			
1841	11/1	Lovett, Johnathan	Self	Molasses	2	1		
1841	12/21	Hix, Eli	Self	Molasses	0.5			
1841	12/27	Lovett, Mahlon	Self	Molasses	0.75			
1841	12/3	Lovett, Mahlon	Self	Molasses	0.5	0.25		
1841	12/6	McKee, Joseph	Self	Molasses	0.5	0.25		
1841	12/16	McKee, Joseph	Self	Molasses	0.5	0.25		
1841	12/7	Whitacre, Wilson	Self	Molasses	0.25	0.12		
1842	1/2	Giffin, John	Self	Molasses	1	0.5		
1842	1/10	Fletcher, James	Self	Molasses	1	0.5		
1842	1/8	Pool, Martin	Self	Molasses	1	0.5		
1842	2/15	Lovett, Johnathan	Self	Molasses	2	1		
1842	2/22	Allen, Isaac	Self	Molasses	0.5	0.25		
1842	3/12	Crumley?, Henry	Self	Molasses	1	0.5		
1842	3/7	Hix, Eli	Self	Molasses	1	0.5		
1842	3/11	McKee, Joseph	Self	Molasses	0.5	0.25		
1842	3/25	Lockmiller, Joseph	Self	Molasses	0.5	0.25		
1842	3/25	Whitacre, Wilson	Self	Molasses	2	1		
1842	4/4	McKee, Joseph	Self	Molasses	0.5	0.25		
1842	4/25	McKee, Joseph	Self	Molasses	0.25	0.25		
1842	4/12	Wheat, Beuon?	Self	Molasses	0.5	0.25		
1842	5/2	McKee, Joseph	Self	Molasses	0.5			
1842	5/23	Anderson, Paul	Self	Molasses	1			
1842	5/26	Eno, Edward	Self	Molasses	0.5			
1842	5/24	Wheat, Beuon?	Self	Molasses	0.75			
1842	6/18	McKee, Joseph	Self	Molasses	0.5			
1842	6/3	Crumley?, Henry	Self	Molasses	1	0.5		
1842	6/3	Kern, George	Self	Molasses	1			
1842	6/3	Cather, James	Self	Molasses	1.5	0.75		
1842	6/7	Marpole, Enoch	Self	Molasses	0.5	0.25		
1842	6/29	Wheat, Beuon?	Self	Molasses	0.5	0.25		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1842	7/2	McKee, Joseph	Self	Molasses	1	0.5		
1842	7/25	McKee, Joseph	Self	Molasses	0.5	0.25		
1842	7/1	McKee, Joseph	Self	Molasses	1	0.5		
1842	7/16	McKee, Joseph	Self	Molasses	0.5			
1842	7/12	Wheat, Beuon?	Self	Molasses	0.5	0.25		
1842	7/12	Cather, Washington	Self	Molasses	0.75	0.375		
1842	7/8	Kern, Nathan	Self	Molasses	1	0.5		
1842	7/16	Lovett, Johnathan	Self	Molasses	1	0.5		
1842	7/30	Cowgill, John	Self	Molasses	0.5	0.25		
1842	8/1	Lockmiller, Joseph	Self	Molasses	0.5	0.25		
1842	8/1	Fletcher, James	Self	Molasses	1	0.5		
1842	8/26	McKee, Joseph	Self	Molasses	0.5	0.25		
1842	8/3	McKee, Joseph	Self	Molasses	1	0.5		
1842	8/26	Wheat, Beuon?	Self	Molasses	0.5	0.25		
1842	8/6	Wheat, Beuon?	Self	Molasses	0.5	0.25		
1842	8/8	Anderson, Paul	Self	Molasses	1	0.5		
1842	8/19	Cowgill, John	Self	Molasses	0.5	0.25		
1842	8/26	Cowgill, John	Self	Molasses	1	0.5		
1842	8/13	Kern, William	Self	Molasses	1	0.5		
1842	9/12	McKee, Joseph	Self	Molasses	1	0.5		
1842	9/17	Cather, Washington	Self	Molasses	0.5	0.25		
1842	9/1	Wheat, Beuon?	Self	Molasses	0.5	0.25		
1841	9/6	Anderson, Sydnor?	Servant	Molasses	1	0.5		
1841	8/18	Lovett, Johnathan	Son	Molasses	2	1		
1841	10/21	Lovett, Johnathan	Son	Molasses	1	0.5		
1841	12/12	Lovett, Johnathan	Son	Molasses	2	1		
1842	1/8	Lockmiller, Joseph	Son	Molasses	0.5	0.25		
1842	3/22	Keckley, Elias	Son	Molasses	0.75			
1842	4/16	Lockmiller, Joseph	Son	Molasses	0.5	0.25		
1842	5/2	Lockmiller, Joseph	Son	Molasses	0.5			
1842	6/6	Lockmiller, Joseph	Son	Molasses	0.5	0.25		
1842	6/14	Lockmiller, Joseph	Son	Molasses	0.5	0.25		
1842	6/29	Lockmiller, Joseph	Son	Molasses	0.5	0.25		
1842	7/16	Kern, George	Son	Molasses	0.5	0.25		
1842	7/8	Lockmiller, Joseph	Son	Molasses	0.5			
1842	7/8	Lockmiller, Joseph	Son	Molasses	0.5	0.25		
1842	8/3	Lovett, Johnathan	Son	Molasses	0.5	0.25		
1842	8/19	Wheat, Beuon?	Son	Molasses	0.5	0.25		
1842	8/30	Hix, Eli	Son	Molasses	1	0.5		
1842	9/12	Lovett, Mahon	Son	Molasses	2	1		
1842	9/20	Hix, Eli	Son	Molasses	1	0.5		
1842	2/18	Giffin, Samuel	Wife	Molasses	1.5	0.75		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1842	5/14	Lockmiller, Joseph	Wife	Molasses	1			
1841	10/7	Elliot, William	Wilcox	Molasses	1	1		
1843	4/21	Langley, ?	Self	Molasses		0.155		
1843	7/6	Smithfield, Patrick	Self	Molasses		0.8		
1844	8/15	Lauck, Simon H.	Self	Molasses		0.24		
1845	6/21	Hamilton, Joseph	Wife	Molasses		0.2		
1846	1/9	Strickler, John	?	Molasses		0.025		
1846	8/28	Baker, Lewis	?	Molasses		0.375		
1846	2/9	Grove, Henry	Daughter	Molasses		0.23		
1846	2/19	Grove, Henry	Daughter	Molasses		0.23		
1846	2/14	Grove, Henry	Daughter	Molasses		0.23		
1846	2/27	Grove, Henry	Daughter	Molasses		0.23		
1846	3/16	Grove, Henry	Daughter	Molasses		0.23		
1846	3/25	Grove, Henry	Daughter	Molasses		0.23		
1846	4/10	Grove, Henry	Daughter	Molasses		0.23		
1846	4/11	Grove, Henry	Daughter	Molasses		0.125		
1846	4/27	Grove, Henry	Daughter	Molasses		0.23		
1846	6/3	Grove, Henry	Daughter	Molasses		0.23		
1846	6/13	Grove, Henry	Daughter	Molasses		0.23		
1846	6/19	Grove, Henry	Daughter	Molasses		0.23		
1846	3/14	Grove, Henry	Daughter	Molasses		0.155		
1846	7/15	Grove, Henry	Daughter	Molasses		0.23		
1846	7/20	Grove, Henry	Daughter	Molasses		0.23		
1846	8/8	Grove, Henry	Daughter	Molasses		0.23		
1846	9/19	Grove, Henry	Daughter	Molasses		0.2		
1846	3/5	Strickler, John	Eberly	Molasses		0.23		
1846	8/11	Strickler, John	Eberly	Molasses		0.23		
1846	3/10	Grove, Henry	Niece	Molasses		0.23		
1846	5/26	Strickler, John	Saffle	Molasses		0.25		
1845	11/29	Miller, Thomas (Doc.)	Self	Molasses		0.45		
1846	1/8	Grove, Henry	Self	Molasses		0.0625		
1846	1/12	Beeler, John	Self	Molasses		0.45		
1846	1/14	Grove, Henry	Self	Molasses		0.0625		
1846	2/3	Grove, Henry	Self	Molasses		0.125		
1846	2/19	Downing, John	Self	Molasses		0.45		
1846	3/12	Miller, Thomas (Doc.)	Self	Molasses		0.45		
1846	3/27	Miller, Thomas (Doc.)	Self	Molasses		0.12		
1846	4/3	Grove, Henry	Self	Molasses		0.23		
1846	4/10	Painter, Isaac	Self	Molasses		0.125		
1846	4/14	Grove, Henry	Self	Molasses		0.125		
1846	4/16	Grove, Henry	Self	Molasses		0.23		
1846	4/14	Redfern, William	Self	Molasses		0.23		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1846	4/28	Redfern, William	Self	Molasses		0.23		
1846	5/2	Grove, Henry	Self	Molasses		0.23		
1846	5/5	Painter, Isaac	Self	Molasses		0.23		
1846	5/8	Grove, Henry	Self	Molasses		0.23		
1846	5/18	Grove, Henry	Self	Molasses		0.23		
1846	5/14	Schultz, Benjamin	Self	Molasses		0.45		
1846	5/30	Eberly, Jacob	Self	Molasses		0.25		
1846	6/1	B?, Abraham	Self	Molasses		0.25		
1846	6/6	Zea?, Joseph	Self	Molasses		0.23		
1846	6/9	Walsh, Joseph	Self	Molasses		0.125		
1846	6/23	Spangler, Amos	Self	Molasses		0.45		
1846	6/26	Grove, Henry	Self	Molasses		0.23		
1846	6/26	Schultz, Benjamin	Self	Molasses		0.68		
1846	6/29	Grove, Henry	Self	Molasses		0.23		
1846	7/3	Painter, Isaac	Self	Molasses		0.23		
1846	7/16	Miller, Thomas (Doc.)	Self	Molasses		0.23		
1846	7/18	Dare, Peter	Self	Molasses		0.23		
1846	7/27	Baker, Abraham	Self	Molasses		0.45		
1846	7/30	Spiker, Elizabeth	Self	Molasses		0.23		
1846	8/8	Grove, Henry	Self	Molasses		0.23		
1846	8/24	Miller, Thomas (Doc.)	Self	Molasses		0.23		
1846	9/10	Barks, Noah	Self	Molasses		0.45		
1846	9/11	Zea, Joseph	Self	Molasses		0.4		
1846	9/16	Bowman, Washington	Self	Molasses		0.45		
1846	10/3	Miller, Thomas (Doc.)	Self	Molasses		0.23		
1846	10/2	Walsh, Joseph	Self	Molasses		0.45		
1846	10/10	Sonner, George	Self	Molasses		0.45		
1846	10/15	Painter, John	Self	Molasses		0.35		
1846	12/12	Miller, Thomas (Doc.)	Self	Molasses		0.125		
1846	12/16	Barks, Noah	Self	Molasses		0.45		
1846	12/23	Spangler, Amos	Self	Molasses		0.45		
1846	12/23	Miller, Frederick	Self	Molasses		0.23		
1845	12/31	Miller, Thomas (Doc.)	Servant	Molasses		0.125		
1846	1/20	Grove, Henry	Servant	Molasses		0.23		
1846	3/20	Grove, Henry	Servant	Molasses		0.23		
1846	4/6	Grove, Henry	Servant	Molasses		0.23		
1846	5/29	Grove, Henry	Servant	Molasses		0.23		
1846	7/20	Cooper, Mary	Servant	Molasses		0.23		
1846	8/17	Bell, Samuel	Servant	Molasses		0.125		
1846	9/4	Miller, Thomas (Doc.)	Servant	Molasses		0.9		
1846	9/19	Cooper, Mary	Servant	Molasses		0.68		
1846	9/23	Cooper, Mary	Servant	Molasses		0.68		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1846	9/22	Cooper, Mary	Servant	Molasses		0.9		
1846	6/30	Redfern, William	Son	Molasses		0.23		
1846	6/29	Sibert, Frederick	Son	Molasses		0.23		
1846	7/15	Hurn?, Isaac	Son	Molasses		0.23		
1846	8/19	Walsh, Joseph	Son	Molasses		0.45		
1846	9/17	Crabill, William	Son	Molasses		0.9		
1846	12/19	McCord, Mrs.?	Son	Molasses		0.125		
1846	2/24	Pangle, William	Wife	Molasses		0.45		
1846	5/6	Whetzel, Henry	Wife	Molasses		0.23		
1846	6/8	Grove, Henry	Wife	Molasses		0.23		
1846	6/26	Grove, Henry	Wife	Molasses		0.3375		
1846	7/27	Grove, Henry	Wife	Molasses		0.23		
1846	8/26	Grove, Henry	Wife	Molasses		0.45		
1846	9/9	Beeler, John	Wife	Molasses		0.45		
1846	9/24	Miller, Frederick	Wife	Molasses		0.45		
1846	10/14	Miller, Frederick	Wife	Molasses		0.45		
1846	12/23	Grove, Henry	Wife	Molasses		0.23		
1849	11/22	Davis, Joseph	?	Molasses	0.75	0.33		
1849	11/22	Payne, John	?	Molasses	0.5	0.225		
1849	12/19	Davis, Joseph	?	Molasses	0.5	0.225		
1850	4/24	Anderson, Michael	?	Molasses	1	0.45		
1850	5/18	Lockhart, ?	?	Molasses	0.5	0.225		
1850	6/27	Johnson, David	?	Molasses	1	0.45		
1850	7/5	Lockhart, James	?	Molasses	0.5	0.1875		
1849	12/12	Davis, Joseph	Anderson	Molasses	0.75	0.3375		
1849	10/10	Hackney, Robert	C?	Molasses	5	2.25		
1849	10/4	Anderson, Margarete	Charles	Molasses	0.5	0.15		
1850	5/7	Hodson?, Joshua	Daughter	Molasses	1	0.45		
1850	5/7	Jackson, Benjamin	Daughter	Molasses	1	0.375		
1850	5/27	Dillinger, George	Daughter	Molasses	0.5	0.1875		
1850	7/13	Oldacre, John	Daughter	Molasses	0.5	0.225		
1849	10/16	Cather, James	Dick	Molasses	4	1.8		
1849	11/6	Payne, John	Fenton	Molasses	0.5	0.225		
1849	11/13	Davis, Joseph	George	Molasses	0.75	0.3325		
1849	9/25	Anderson, Margarete	Jack	Molasses	1	0.35		
1849	10/4	Horn, John	Richard	Molasses	2	0.6		
1849	9/20	Colbert, Sarah	Self	Molasses	0.75	0.25		
1849	9/20	Jackson, E.	Self	Molasses	1	0.45		
1849	9/25	Anderson, George	Self	Molasses	2.25	0.785		
1849	9/24	Hanes, Henry	Self	Molasses	4	1.4		
1849	10/2	Hook, David	Self	Molasses	1	0.35		
1849	10/1	Marpole, Benjamin	Self	Molasses	1.5	0.45		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1849	10/8	Anderson, Josiah	Self	Molasses	0.25	0.125		
1849	10/10	Colbert, Sarah	Self	Molasses	0.5	0.23		
1849	10/10	Marpole, George	Self	Molasses	1	0.45		
1849	10/10	Payne, Eliza	Self	Molasses	3	1.35		
1849	10/12	Carpenter	Self	Molasses	0.5	0.225		
1849	10/13	Giffin, Mrs.	Self	Molasses	1	0.45		
1849	10/13	Smith, Jerimiah	Self	Molasses	1	0.45		
1849	10/13	Serviner?, William	Self	Molasses	2	0.9		
1849	10/18	Whitaker, Wilson	Self	Molasses	0.75	0.335		
1849	10/22	Anderson, Michael	Self	Molasses	1	0.45		
1849	10/26	McKee, William	Self	Molasses	1	0.45		
1849	10/29	Payne, John	Self	Molasses	0.5	0.225		
1849	11/1	Davis, Joseph	Self	Molasses	0.75	0.33		
1849	11/2	Lockhart, Josiah	Self	Molasses	1.5	0.675		
1849	11/2	Marpole, George	Self	Molasses	1	0.45		
1849	11/6	Anderson, George	Self	Molasses	0.5	0.225		
1849	11/9	Carpenter, Lewis	Self	Molasses	0.5	0.225		
1849	11/9	Fletcher, James	Self	Molasses	1	0.45		
1849	11/10	Shulur, John	Self	Molasses	0.5	0.225		
1849	11/14	Payne, John	Self	Molasses	0.5	0.225		
1849	11/17	Brill, Harrison	Self	Molasses	0.5	0.225		
1849	11/19	Shular, John	Self	Molasses	0.5	0.225		
1849	12/5	Payne, John	Self	Molasses	0.5	0.225		
1849	12/15	Anderson, Michael	Self	Molasses	0.5	0.225		
1849	12/18	Brill, John	Self	Molasses	0.5	0.225		
1849	12/19	Smith, Jerimiah	Self	Molasses	1	0.45		
1849	12/21	Allen, Robert	Self	Molasses	0.5	0.225		
1849	12/20	Carpenter, Lewis	Self	Molasses	0.5	0.225		
1849	12/19	McKee, Benjamin	Self	Molasses	0.5	0.225		
1849	12/22	Anderson, George	Self	Molasses	0.5	0.225		
1849	12/22	Hook, David	Self	Molasses	0.5	0.225		
1849	12/24	Jackson, Benjamin	Self	Molasses	0.5	0.225		
1849	12/24	Line?, Christopher	Self	Molasses	5	0.225		
1849	12/24	Howard, Catherine	Self	Molasses	0.5	0.225		
1850	1/4	Dent, George	Self	Molasses	0.25	0.115		
1850	1/2	McKee, Barton	Self	Molasses	1	0.45		
1850	1/5	McDonald, Gabriel	Self	Molasses	0.5	0.225		
1850	1/8	Dollinger, George	Self	Molasses	0.5	0.225		
1850	1/9	Brill, John	Self	Molasses	0.5	0.225		
1850	1/10	Dent, George	Self	Molasses	0.25	0.11		
1850	1/10	Marpole, Enoch	Self	Molasses	1	0.45		
1850	1/12	Dent, George	Self	Molasses	0.25	0.11		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1850	1/12	Whitaker, Washington	Self	Molasses	1.5	0.675		
1850	1/16	Dent, George	Self	Molasses	1	0.45		
1850	1/16	Murphy, Jefferson	Self	Molasses	0.5	0.225		
1850	1/16	Parish, Joseph	Self	Molasses	0.25	0.11		
1850	1/16	Carpenter, Lewis	Self	Molasses	0.5	0.225		
1850	1/17	McKee, Barton	Self	Molasses	1	0.45		
1850	1/19	Marpole, George	Self	Molasses	1	0.45		
1850	1/19	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	1/19	Giffin, James	Self	Molasses	1	0.45		
1850	1/24	Giffin, Barton	Self	Molasses	1	0.45		
1850	1/24	Milicent?, William	Self	Molasses	0.5	0.225		
1850	1/24	Marpole, Enoch	Self	Molasses	0.5	0.225		
1850	1/30	Dent, George	Self	Molasses	1	0.45		
1850	2/2	McAllion?, Thomas	Self	Molasses	1	0.45		
1850	2/2	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	2/5	Abel, William	Self	Molasses	0.5	0.225		
1850	2/5	Anderson, George	Self	Molasses	0.5	0.225		
1850	2/6	Allemong, Casper	Self	Molasses	1	0.45		
1850	2/5	McKee, Barton	Self	Molasses	1.5	0.675		
1850	2/15	Hook, David	Self	Molasses	1	0.5		
1850	2/15	?, George	Self	Molasses	0.5	0.25		
1850	2/15	Anderson, George	Self	Molasses	0.5	0.25		
1850	2/16	Millerson, William	Self	Molasses	1	0.5		
1850	2/16	Smith, George	Self	Molasses	1	0.5		
1850	2/18	Abel, James	Self	Molasses	0.5	0.25		
1850	2/22	Anderson, George	Self	Molasses	0.5	0.25		
1850	3/1	Anderson, Michael	Self	Molasses	0.5	0.25		
1850	3/1	Colbert, Sarah	Self	Molasses	0.5	0.25		
1850	3/6	Anderson, Michael	Self	Molasses	0.5	0.25		
1850	3/4	Hook, David	Self	Molasses	0.5	0.25		
1850	3/18	Dent, George	Self	Molasses	1	0.45		
1850	3/21	Colbert, Sarah	Self	Molasses	0.5	0.225		
1850	3/21	Dillinger, George	Self	Molasses	1	0.45		
1850	3/20	Marpole, Nancy	Self	Molasses	0.625	0.28		
1850	3/19	Wilcox, Thomas	Self	Molasses	0.5	0.225		
1850	3/22	Carlisle, Alexander	Self	Molasses	0.5	0.225		
1850	3/21	Horn, John	Self	Molasses	0.5	0.225		
1850	3/25	Silbert, Joseph	Self	Molasses	0.5	0.225		
1850	3/23	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	3/27	Dent, George	Self	Molasses	1	0.45		
1850	3/29	McKee, Benjamin	Self	Molasses	0.5	0.225		
1850	3/29	Payne, John	Self	Molasses	0.5	0.225		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1850	3/29	Popkins?, Craven	Self	Molasses	1	0.45		
1850	4/2	?, John	Self	Molasses	1	0.45		
1850	4/5	Hook, David	Self	Molasses	0.5	0.23		
1850	4/5	Dillinger, George	Self	Molasses	0.5	0.23		
1850	4/13	Horn, John	Self	Molasses	0.5	0.375		
1850	4/13	Oats, R?	Self	Molasses	1	0.375		
1850	4/13	Wilcox, Thomas	Self	Molasses	0.5	0.1825		
1850	4/13	Anderson, George	Self	Molasses	0.5	0.1875		
1850	4/13	Anderson, Michael	Self	Molasses	0.5	0.1875		
1850	4/15	Haycock, James	Self	Molasses	1	0.375		
1850	4/13	Hook, David	Self	Molasses	1	0.375		
1850	4/15	Anderson, Asa?	Self	Molasses	1	0.375		
1850	4/15	Johnson, David	Self	Molasses	1	0.375		
1850	4/15	McKee, Benjamin	Self	Molasses	1	0.375		
1850	4/16	Lockhart, Josiah	Self	Molasses	2	0.75		
1850	4/16	Serviner, William	Self	Molasses	0.5	0.375		
1850	4/17	Sine?, Christe	Self	Molasses	0.5	0.375		
1850	4/17	Smith, Jerimiah	Self	Molasses	1	0.375		
1850	4/18	Jackson, Benjamin	Self	Molasses	1	0.45		
1850	4/18	Carpenter, Lewis	Self	Molasses	1	0.375		
1850	4/20	McDonald, Gabriel	Self	Molasses	0.5	0.225		
1850	4/22	McKee, Joseph	Self	Molasses	1	0.375		
1850	4/24	Oldacre, John	Self	Molasses	0.5	0.225		
1850	4/24	Wade?, Nancy	Self	Molasses	0.5	0.1875		
1850	4/26	Dent, George	Self	Molasses	1	0.45		
1850	4/27	Dillinger, George	Self	Molasses	0.25	0.11		
1850	4/27	Oats, Lorenzo	Self	Molasses	1	0.375		
1850	4/27	Sine?, Christe	Self	Molasses	0.5	0.225		
1850	4/29	Hackley, Hamilton	Self	Molasses	1	0.375		
1850	4/29	Serivener, Vincent	Self	Molasses	0.5	0.225		
1850	5/2	Giffin, William	Self	Molasses	1	0.375		
1850	5/4	Hix?, Eli	Self	Molasses	1	0.375		
1850	5/4	Johnson, David	Self	Molasses	1	0.45		
1850	5/4	McCallion, Thomas	Self	Molasses	1	0.45		
1850	5/6	Anderson, George	Self	Molasses	0.5	0.1875		
1850	5/6	Dent, George	Self	Molasses	1	0.375		
1850	5/6	McKee, Joseph	Self	Molasses	1	0.45		
1850	5/6	Miller, Albert	Self	Molasses	0.5	0.225		
1850	5/9	Carpenter, Lewis	Self	Molasses	0.5	0.1875		
1850	5/9	Popkins?, Craven	Self	Molasses	1	0.45		
1850	5/9	Whitacre, Washington	Self	Molasses	0.5	0.1875		
1850	5/11	Bice, Edward	Self	Molasses	0.75	0.34		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1850	5/11	Jackson, Ebenezer	Self	Molasses	1	0.45		
1850	5/11	Miller, Atwell	Self	Molasses	1	0.375		
1850	5/14	Giffin, Bartholomou	Self	Molasses	1	0.375		
1850	5/14	Oats, Lorenzo	Self	Molasses	1	0.375		
1850	5/14	Sine?, Christe	Self	Molasses	0.5	0.225		
1850	5/14	White, Benjamin	Self	Molasses	0.5	0.225		
1850	5/15	Anderson, George	Self	Molasses	0.5	0.1875		
1850	5/15	Hix?, Jeremiah	Self	Molasses	1	0.375		
1850	5/16	Dillinger, George	Self	Molasses	0.5	0.225		
1850	5/16	Hook, David	Self	Molasses	0.5	0.225		
1850	5/16	Tidiwick?, Benjamin	Self	Molasses	0.5	0.1875		
1850	5/17	Colbert, Sarah	Self	Molasses	0.5	0.1875		
1850	5/17	Keckly, Hamilton	Self	Molasses	1	0.375		
1850	5/18	McDonald, Gabriel	Self	Molasses	0.5	0.225		
1850	5/18	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	5/20	McAllion?, Thomas	Self	Molasses	1	0.45		
1850	5/20	Oldacre, John	Self	Molasses	0.5	0.1875		
1850	5/20	Lockhart, James	Self	Molasses	0.5	0.1875		
1850	5/23	Howard, Catherine	Self	Molasses	1	0.375		
1850	5/23	Sine?, Christe	Self	Molasses	0.5	0.1875		
1850	5/23	Jackson, Ebenezer	Self	Molasses	1	0.45		
1850	5/25	Millerson, William	Self	Molasses	0.5	0.225		
1850	5/24	Whitacre, Wilson	Self	Molasses	2	0.75		
1850	5/25	Carpenter, Lewis	Self	Molasses	0.5	0.1875		
1850	5/30	Hix, Jeremiah	Self	Molasses	1.5	0.5625		
1850	5/31	McKee, Joseph	Self	Molasses	1	0.45		
1850	6/1	Oats, Lorenzo	Self	Molasses	1	0.375		
1850	6/1	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	6/1	Oldacre, John	Self	Molasses	0.5	0.225		
1850	6/1	Triplet, John	Self	Molasses	0.5	0.225		
1850	6/3	Sine?, Christe	Self	Molasses	0.5	0.1875		
1850	6/5	Dillinger, George	Self	Molasses	0.5	0.225		
1850	6/8	Bice, Edward	Self	Molasses	0.5	0.225		
1850	6/8	McCallion, Thomas	Self	Molasses	1	0.45		
1850	6/12	Anderson, Margarete	Self	Molasses	1	0.375		
1850	6/13	Dent, George	Self	Molasses	1	0.375		
1850	6/12	Newbanks?, William	Self	Molasses	0.5	0.1875		
1850	6/13	Wilcox, Thomas	Self	Molasses	0.5	0.1875		
1850	6/14	Bice, Edward	Self	Molasses	0.5	0.225		
1850	6/15	Richard, Jacob	Self	Molasses	0.5	0.1875		
1850	6/15	Tiplet, John	Self	Molasses	0.5	0.225		
1850	6/18	Evans, William	Self	Molasses	0.5	0.1875		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1850	6/22	Sine?, Christe	Self	Molasses	0.5	0.225		
1850	6/22	Hix, Elizabeth	Self	Molasses	1	0.375		
1850	6/22	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	6/25	McKee, George	Self	Molasses	1	0.375		
1850	6/27	Bice, Edward	Self	Molasses	0.5	0.225		
1850	6/27	Johnson, Amos	Self	Molasses	0.25	0.11		
1850	6/27	Miller, Stephen	Self	Molasses	2	0.825		
1850	6/29	Giffin, James	Self	Molasses	1	0.375		
1850	6/29	Sine?, Christe	Self	Molasses	0.5	0.1875		
1850	7/3	Bice, Edward	Self	Molasses	0.75	0.34		
1850	7/3	Carpenter, Lewis	Self	Molasses	0.5	0.225		
1850	7/2	Johnson, Amos	Self	Molasses	0.25	0.11		
1850	7/4	Popkins, Craven	Self	Molasses	1	0.375		
1850	7/4	Dent, George	Self	Molasses	0.5	0.1875		
1850	7/4	Pool, Martin	Self	Molasses	0.5	0.225		
1850	7/5	Jackson, Benjamin	Self	Molasses	0.5	0.225		
1850	7/8	Anderson, Asa?	Self	Molasses	0.5	0.225		
1850	7/9	Hook, David	Self	Molasses	0.5	0.225		
1850	7/11	Dent, George	Self	Molasses	1	0.45		
1850	7/11	Johnson, Amos	Self	Molasses	0.25	0.11		
1850	7/13	Colbert, Sarah	Self	Molasses	0.5	0.225		
1850	7/13	Meleaux?, Thomas	Self	Molasses	0.5	0.225		
1850	7/13	Purl, Jacob	Self	Molasses	0.5	0.225		
1850	7/17	Householder, A.J.	Self	Molasses	1	0.45		
1850	7/19	Pool, Martin	Self	Molasses	0.5	0.225		
1850	7/19	Jackson, A?	Self	Molasses	1	0.45		
1850	7/22	A?, Jacob	Self	Molasses	0.5	0.225		
1850	7/20	Tiplet, Edwin	Self	Molasses	0.5	0.225		
1850	7/22	Spade, Nancy	Self	Molasses	0.5	0.225		
1850	7/25	Hook, David	Self	Molasses	1	0.45		
1850	7/24	Muse, E.R.	Self	Molasses	2	0.9		
1850	7/26	Dent, George	Self	Molasses	1	0.45		
1850	7/29	Triplet, Edwin	Self	Molasses	0.5	0.225		
1850	7/29	Maker, A.F.	Self	Molasses	0.5	0.25		
1850	7/30	Wilcox, Thomas	Self	Molasses	0.5	0.225		
1850	7/31	Johnson, David	Self	Molasses	1	0.45		
1850	8/3	Giffin, James	Self	Molasses	1	0.45		
1850	8/2	Oldacre, John	Self	Molasses	0.5	0.225		
1850	8/5	Sine?, Christe	Self	Molasses	0.5	0.225		
1850	8/7	Triplet, John	Self	Molasses	1	0.45		
1850	8/8	Oldacre, John	Self	Molasses	0.125	0.0925		
1850	8/10	Dent, George	Self	Molasses	1	0.45		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1850	8/15	Lovett, Jonathon	Self	Molasses	1	0.45		
1850	8/16	Anderson, Asa?	Self	Molasses	0.5	0.225		
1850	8/17	Sine?, Christe	Self	Molasses	0.5	0.225		
1850	8/27	Kerns, George	Self	Molasses	1	0.45		
1850	8/28	Hook, David	Self	Molasses	1	0.45		
1850	8/27	Wilcox, Thomas	Self	Molasses	0.5	0.225		
1850	8/28	Carpenter, Susan	Self	Molasses	0.5	0.225		
1850	8/30	Dent, George	Self	Molasses	1	0.45		
1850	8/31	Line, Cristy	Self	Molasses	0.5	0.225		
1850	8/31	Lockhart, Robert	Self	Molasses	1	0.45		
1850	9/12	Smith, Jerimiah	Self	Molasses	1	0.45		
1850	9/16	Carpenter, Susan	Self	Molasses	1	0.45		
1850	9/16	Carpenter, Susan	Self	Molasses	1	0.45		
1850	9/19	Oldacre, John	Self	Molasses	2	0.9		
1849	10/12	Anderson, Asa?	Simon	Molasses	1	0.45		
1849	10/17	Hook, Samuel	Son	Molasses	2	0.9		
1849	10/19	Carpenter, Jason	Son	Molasses	1	0.45		
1849	11/29	Fletcher, James	Son	Molasses	0.5	0.225		
1849	12/22	Lonus?, Jesse	Son	Molasses	0.25	0.11		
1850	2/27	Wilcox, Thomas	Wife	Molasses	0.5	0.25		
1850	4/18	Anderson, George	Wife	Molasses	0.5	0.1875		
1850	5/20	Dent, George	Wife	Molasses	1	0.375		
1850	5/20	McKee, Benjamin	Wife	Molasses	0.5	0.1875		
1850	5/31	Richard, Joseph	Wife	Molasses	0.5	0.1875		
1850	6/22	Wilcox, Thomas	Wife	Molasses	0.5	0.225		
1850	7/11	Oats, Lorenzo	Wife	Molasses	1	0.45		
1850	7/12	Triplet, Edwin	Wife	Molasses	0.5	0.225		
1850	8/5	Hook, David	Wife	Molasses	1	0.45		
1850	8/27	Oats, Lorenzo	Wife	Molasses	1	0.45		
1850	9/9	Pool, Martin	Wife	Molasses	0.5	0.225		
1849	11/26	Evans, John	William	Molasses	0.5	0.225		
1859	4/1	Whitacre, Bedwell	?	Molasses	1	0.5		
1859	5/26	Eno, Edward	?	Molasses	1	0.5		
1859	8/19	Hicks, Jeremiah	?	Molasses	0.5	0.25		
1859	4/1	McKee, Jane	Benjamin	Molasses	0.5	0.25		
1859	10/6	Kerns, George	Daughter	Molasses	1.5	0.75		
1859	8/19	Johnson, Amos	Davy	Molasses	0.5	0.25		
1859	11/28	Hook, David	M?	Molasses	0.5	0.25		
1859	2/19	Marpole, George	Self	Molasses	1	0.625		
1859	2/19	Ornduff, Jerry	Self	Molasses	0.5	0.315		
1859	2/25	Whitacre, Bedwell	Self	Molasses	1	0.5		
1859	2/25	Rowzy, Rosy	Self	Molasses	0.25	0.155		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1859	3/1	Anderson, Asa	Self	Molasses	1	0.625		
1859	3/2	Fletcher, Isaac	Self	Molasses	0.5	0.315		
1859	3/4	Johnson, Amos	Self	Molasses	0.5	0.3125		
1859	3/3	Popkins, Craven	Self	Molasses	0.5	0.3125		
1859	3/5	Boak, R.E.	Self	Molasses	0.5	0.3125		
1859	3/7	Householder, A.J.	Self	Molasses	0.5	0.3125		
1859	3/5	Marpole, George	Self	Molasses	1	0.625		
1859	3/5	Rowzy, Rosy	Self	Molasses	0.25	0.15		
1859	3/8	Ornduff, Jeremiah	Self	Molasses	0.25	0.155		
1859	3/10	Anderson, Asa	Self	Molasses	0.5	0.3125		
1859	3/11	Johnson, Amos	Self	Molasses	0.5	0.3125		
1859	3/12	Marker, William	Self	Molasses	1	0.625		
1859	3/12	McDonald, Gabriel	Self	Molasses	1	0.625		
1859	3/28	Marpole, Frank	Self	Molasses	0.5	0.25		
1859	3/28	Marpole, George	Self	Molasses	1	0.5		
1859	3/28	Ornduff, John	Self	Molasses	0.5	0.25		
1859	4/1	Anderson, Michael	Self	Molasses	1	0.5		
1859	3/31	Ornduff, Jeremiah	Self	Molasses	0.25	0.125		
1859	4/1	Anderson, Asa	Self	Molasses	0.5	0.25		
1859	4/1	Dent, George	Self	Molasses	1	0.5		
1859	4/1	Kerns, George	Self	Molasses	1	0.5		
1859	4/4	Popkins, Craven	Self	Molasses	0.5	0.25		
1859	4/8	Anderson, Michael	Self	Molasses	1	0.5		
1859	4/7	Boak, E.	Self	Molasses	0.5	0.25		
1859	4/8	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	4/8	Marpole, Rachel	Self	Molasses	0.5	0.25		
1859	4/27	Ornduff, Jerry	Self	Molasses	0.25	0.125		
1859	4/29	Anderson, Michael	Self	Molasses	1	0.5		
1859	4/29	Dent, George	Self	Molasses	1	0.5		
1859	4/29	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	4/29	Marker, William	Self	Molasses	0.5	0.25		
1859	5/2	Hicks, Jerry	Self	Molasses	1	0.5		
1859	4/30	Hook, David	Self	Molasses	0.5	0.25		
1859	4/30	Pool, Joseph	Self	Molasses	1	0.5		
1859	5/3	Anderson, Michael	Self	Molasses	1	0.5		
1859	5/2	Popkins, Craven	Self	Molasses	0.5	0.25		
1859	5/5	Anderson, Asa	Self	Molasses	1	0.5		
1859	5/5	Hook, David	Self	Molasses	0.5	0.25		
1859	5/6	Marpole, Rachel	Self	Molasses	0.5	0.25		
1859	5/7	Pool, Joseph	Self	Molasses	1	0.5		
1859	5/7	Johnson, Amos	Self	Molasses	0.5	0.375		
1859	5/10	Hook, David	Self	Molasses	0.5	0.25		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1859	5/12	Anderson, Michael	Self	Molasses	1	0.5		
1859	5/11	Fletcher, Lewis	Self	Molasses	0.5	0.25		
1859	5/14	Dent, George	Self	Molasses	1	0.5		
1859	5/17	Hook, David	Self	Molasses	0.5	0.25		
1859	5/17	Johnson, Amos	Self	Molasses	0.5	0.375		
1859	5/20	Hicks, Jeremiah	Self	Molasses	1	0.5		
1859	5/21	Anderson, Michael	Self	Molasses	1	0.5		
1859	5/26	Hook, David	Self	Molasses	0.5	0.25		
1859	5/26	Ornduff, John	Self	Molasses	0.5	0.25		
1859	5/31	Anderson, Michael	Self	Molasses	1	0.5		
1859	5/31	Boak, R.E.	Self	Molasses	0.5	0.25		
1859	5/30	Householder, A.J.	Self	Molasses	0.5	0.25		
1859	5/31	Ornduff, Jeremiah	Self	Molasses	0.5	0.25		
1859	6/11	Anderson, Asa	Self	Molasses	0.5	0.375		
1859	6/11	Hook, David	Self	Molasses	0.5	0.25		
1859	6/13	Marpole, Thomas	Self	Molasses	1	0.5		
1859	6/13	Wolford, Mason	Self	Molasses	0.5	0.25		
1859	6/15	Hook, David	Self	Molasses	0.5	0.25		
1859	6/18	Kerns, Joshua	Self	Molasses	0.375	0.1875		
1859	6/18	Hicks, Jeremiah	Self	Molasses	1	0.5		
1859	6/18	Popkins, Craven	Self	Molasses	0.5	0.25		
1859	6/20	Dent, George	Self	Molasses	0.5	0.375		
1859	6/20	McKay, William	Self	Molasses	0.5	0.375		
1859	6/20	Miller, Robert	Self	Molasses	0.5	0.375		
1859	6/21	Johnson, David	Self	Molasses	1	0.75		
1859	6/24	Boak, R.E.	Self	Molasses	0.5	0.375		
1859	6/24	Marpole, Frank	Self	Molasses	0.5	0.375		
1859	6/25	Hicks, Moses	Self	Molasses	0.5	0.375		
1859	6/27	Giden, John	Self	Molasses	1	0.75		
1859	6/28	Hook, David	Self	Molasses	0.5	0.375		
1859	6/28	Householder, A.J.	Self	Molasses	0.5	0.375		
1859	7/1	Whitacre, Sidwell?	Self	Molasses	1	0.5		
1859	7/6	Colbert, Israel?	Self	Molasses	1	0.46		
1859	7/5	Dent, George	Self	Molasses	1	0.5		
1859	7/11	Hook, David	Self	Molasses	0.5	0.25		
1859	7/11	Muse, R.B.	Self	Molasses	1	0.75		
1859	7/13	Kerns, Joshua	Self	Molasses	0.25	0.1875		
1859	7/16	Hook, David	Self	Molasses	0.5	0.25		
1859	7/19	Johnson, David	Self	Molasses	1	0.5		
1859	7/21	Hicks, Elizabeth	Self	Molasses	0.5	0.25		
1859	7/23	Anderson, Asa	Self	Molasses	0.5	0.25		
1859	7/23	Householder, A.J.	Self	Molasses	0.5	0.25		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1859	7/22	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	7/22	Lockhart, Beverly	Self	Molasses	0.5	0.25		
1859	7/26	Wolford, Mason	Self	Molasses	0.5	0.375		
1859	7/27	Hicks, Jeremiah	Self	Molasses	1	0.5		
1859	7/28	Dent, George	Self	Molasses	0.25	0.1875		
1859	8/6	Dent, George	Self	Molasses	1	0.5		
1859	8/6	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	8/8	Hook, David	Self	Molasses	0.5	0.25		
1859	8/10	Boak, R.E.	Self	Molasses	0.5	0.25		
1859	8/10	Kerns, Joshua	Self	Molasses	0.375	0.1875		
1859	8/11	Hicks, Moses	Self	Molasses	1	0.5		
1859	8/18	Hook, David	Self	Molasses	0.5	0.25		
1859	8/23	Marpole, ?	Self	Molasses	1	0.5		
1859	8/24	Anderson, Asa	Self	Molasses	0.5	0.375		
1859	8/25	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	8/30	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	8/30	Lockhart, Robert	Self	Molasses	0.5	0.25		
1859	9/3	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	9/7	Kerns, William	Self	Molasses	0.5	0.25		
1859	9/7	Serviner, V.S.	Self	Molasses	0.5	0.25		
1859	9/9	Fletcher, Isaac	Self	Molasses	1	0.5		
1859	9/8	Rowzy, Rosy	Self	Molasses	0.375	0.1875		
1859	9/10	McKay, William	Self	Molasses	0.5	0.25		
1859	9/10	Smith, J.D.	Self	Molasses	2	1		
1859	9/14	Fletcher, Poland	Self	Molasses	1	0.5		
1859	9/14	Hicks, Jeremiah	Self	Molasses	2.5	1.25		
1859	9/16	Boak, R.E.	Self	Molasses	0.5	0.25		
1859	9/17	Ornduff, Jerry	Self	Molasses	0.25	0.125		
1859	9/19	Lockhart, Robert	Self	Molasses	1	0.5		
1859	9/21	Anderson, Asa	Self	Molasses	0.5	0.25		
1859	9/22	Johnson, Amos	Self	Molasses	0.5	0.25		
1859	9/28	Marpole, Lavinia	Self	Molasses	2	1		
1859	9/30	Lockhart, Robert	Self	Molasses	1	0.5		
1859	9/30	Lockhart, Robert	Self	Molasses	1	0.5		
1859	9/30	McKay, William	Self	Molasses	0.5	0.25		
1859	10/27	Kerns, Joshua	Self	Molasses	0.5	0.25		
1859	10/29	Wolford, Mason	Self	Molasses	0.5	0.375		
1859	10/31	Elliot, William	Self	Molasses	2	1		
1859	11/2	Seibert, Mrs.	Self	Molasses	1	0.5		
1859	11/4	Boak, R.E.	Self	Molasses	0.5	0.375		
1859	11/5	McKay, William	Self	Molasses	1	0.5		
1859	11/5	Seibert, Mrs.	Self	Molasses	1	0.75		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1859	11/5	Fletcher, Poland	Self	Molasses	0.5	0.25		
1859	11/9	Dent, George	Self	Molasses	1	0.5		
1859	11/21	Marpole, George	Self	Molasses	0.25	0.125		
1859	11/24	Laf?, Elias	Self	Molasses	1	0.75		
1859	11/26	Anderson, Asa	Self	Molasses	0.5	0.25		
1859	12/3	Wolford, Mason	Self	Molasses	0.5	0.375		
1859	12/8	Boak, R.E.	Self	Molasses	0.5	0.25		
1859	12/7	Marpole, George	Self	Molasses	0.375	0.1875		
1859	12/10	Wolford, Mason	Self	Molasses	0.5	0.375		
1859	12/15	Laf?, Elias	Self	Molasses	1	0.75		
1859	12/19	Muse, R.B.	Self	Molasses	1	0.5		
1859	12/22	Boak, William	Self	Molasses	1	0.5		
1859	12/24	Anderson, Morgan	Self	Molasses	0.25	0.125		
1859	12/23	Barrow, John	Self	Molasses	0.5	0.25		
1859	12/24	Ornduff, John	Self	Molasses	0.5	0.25		
1859	12/27	Kerns, George	Self	Molasses	0.25	0.125		
1860	1/9	Pool, Martin	Self	Molasses	1	0.5		
1860	1/10	Anderson, Asa	Self	Molasses	0.5	0.375		
1860	1/12	Seibert, R.	Self	Molasses	1	0.5		
1860	1/16	Anderson, Asa	Self	Molasses	0.25	0.1875		
1860	1/20	Shuler, Samuel	Self	Molasses	0.5	0.25		
1860	1/30	Anderson, Asa	Self	Molasses	0.5	0.375		
1860	2/7	Whiteacre, Robert	Self	Molasses	0.5	0.375		
1860	2/10	Hasper, John	Self	Molasses	1	0.5		
1860	2/10	Kerns, Joshua	Self	Molasses	0.5	0.25		
1860	2/11	Marpole, Lavinia	Self	Molasses	1	0.5		
1860	2/11	Seibert, R.	Self	Molasses	1	0.5		
1860	2/17	Wolford, Mason	Self	Molasses	0.5	0.375		
1859	3/1	Miller, Robert	Wife	Molasses	0.25	0.125		
1859	5/2	Miller, Robert	Wife	Molasses	0.5	0.25		
1859	8/13	Ornduff, John	Wife	Molasses	0.5	0.25		
1859	9/5	Elliot, William	Wife	Molasses	1.5	0.75		
1859	12/22	Marpole, George	Wife	Molasses	0.25	0.125		
1860	1/19	Marpole, George	Wife	Molasses	0.25	0.125		
1861	4/8	Barb, Abraham H.	Barbara	Molasses		0.4		
1861	4/15	Rootz, John	Bowman	Molasses		0.225		
1861	3/26	Baker, Abraham	James	Molasses		0.45		
1861	3/30	Snarr, Joseph H.	Perry, Joseph	Molasses		0.25		
1860	10/13	Pifer, Isaac	Self	Molasses		0.2		
1860	10/18	Baker, Abraham	Self	Molasses		0.5		
1860	10/18	Bulger, Jackson	Self	Molasses		0.2		
1860	11/2	Grove, William	Self	Molasses		0.25		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1860	11/6	Long, Conrad	Self	Molasses		0.125		
1860	11/10	Funkhouser, George	Self	Molasses		0.5		
1860	11/15	Rootz, Catharine	Self	Molasses		0.125		
1860	11/20	Barb, Abraham H.	Self	Molasses		0.4		
1860	11/20	Bulger, Jason	Self	Molasses		0.125		
1860	11/22	Towns, John E.	Self	Molasses		0.25		
1860	11/24	Schafer, August	Self	Molasses		0.25		
1860	11/29	Long, Conrad	Self	Molasses		0.1		
1860	12/1	Rootz, Catharine	Self	Molasses		0.125		
1860	12/1	Pifer, Isaac	Self	Molasses		0.2		
1860	12/6	Towns, John E.	Self	Molasses		0.25		
1860	12/6	Barb, Abraham H.	Self	Molasses		0.4		
1860	12/6	Edmundson, William	Self	Molasses		0.5		
1860	12/8	Long, Conrad	Self	Molasses		0.2		
1860	12/10	Baker, Abraham	Self	Molasses		0.5		
1860	12/11	Barb, Abraham H.	Self	Molasses		0.4		
1860	12/14	Hockman, Magdalene	Self	Molasses		0.5		
1860	12/15	Waikman, Jonas	Self	Molasses		0.2		
1860	12/19	Lindeburg, John	Self	Molasses		0.2		
1860	12/19	Smith, Lewis	Self	Molasses		0.1		
1860	12/20	Waikman, Jonas	Self	Molasses		0.5		
1860	12/20	Grove, William	Self	Molasses		0.25		
1860	12/21	Baker, Abraham	Self	Molasses		1		
1860	12/22	Long, Conrad	Self	Molasses		0.25		
1860	12/24	Weight, James	Self	Molasses		0.25		
1860	12/29	Hottle, John	Self	Molasses		0.25		
1860	12/31	Barb, Abraham H.	Self	Molasses		0.2		
1860	12/31	Schafer, August	Self	Molasses		0.25		
1861	1/5	Barb, Abraham H.	Self	Molasses		0.4		
1861	1/7	Long, Conrad	Self	Molasses		0.125		
1861	1/10	Wetsel, Henry	Self	Molasses		0.4		
1861	1/12	Barb, Abraham H.	Self	Molasses		0.25		
1861	1/14	Towns, John E.	Self	Molasses		0.25		
1861	1/17	Schafer, August	Self	Molasses		0.25		
1861	1/26	Barb, Abraham H.	Self	Molasses		0.4		
1861	1/26	Brill, Samuel	Self	Molasses		0.2		
1861	1/29	Towns, John E.	Self	Molasses		0.25		
1861	1/29	Waikman, Jonas	Self	Molasses		0.25		
1861	1/31	Edmundson, William	Self	Molasses		0.5		
1861	2/4	Smith, Lewis	Self	Molasses		0.1		
1861	2/5	Baker, Abraham	Self	Molasses		0.5		
1861	2/5	Barb, Abraham H.	Self	Molasses		0.4		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1861	2/6	Rootz, Catharine	Self	Molasses		0.2		
1861	2/6	Rosenburger, Henry	Self	Molasses		1.5		
1861	2/6	Windle, Benjamin	Self	Molasses		0.25		
1861	2/8	Eberly, Elizabeth	Self	Molasses		0.125		
1861	2/9	Hamman, Lewis	Self	Molasses		0.25		
1861	2/13	Rootz, Catharine	Self	Molasses		0.25		
1861	2/12	Towns, John E.	Self	Molasses		0.2		
1861	2/13	Funkhouser, Hannah	Self	Molasses		0.25		
1861	2/20	Hottle, John	Self	Molasses		0.25		
1861	2/22	Wetsel, Henry	Self	Molasses		0.4		
1861	2/22	Barb, Abraham H.	Self	Molasses		0.4		
1861	2/23	Baker, Abraham	Self	Molasses		0.45		
1861	2/23	Bly, William	Self	Molasses		0.4		
1861	2/23	Riding, Jacob P.	Self	Molasses		0.2		
1861	2/23	Grove, William	Self	Molasses		0.2		
1861	2/26	Feller, Noah	Self	Molasses		0.1		
1861	2/27	Funkhouser, William	Self	Molasses		0.45		
1861	3/2	Rootz, Catharine	Self	Molasses		0.1		
1861	3/2	Funkhouser, John H.	Self	Molasses		0.225		
1861	3/2	Riding, Jacob P.	Self	Molasses		0.4		
1861	3/7	Barb, Abraham H.	Self	Molasses		0.4		
1861	3/7	Rootz, Catharine	Self	Molasses		0.225		
1861	3/9	Pifer, Isaac	Self	Molasses		0.4		
1861	3/13	Vance, Catharine	Self	Molasses		0.11		
1861	3/13	Brill, Samuel	Self	Molasses		0.2		
1861	3/15	Barb, Abraham H.	Self	Molasses		0.4		
1861	3/18	Windle, Benjamin	Self	Molasses		0.9		
1861	3/21	Riding, Jacob P.	Self	Molasses		0.2		
1861	3/20	Towns, John E.	Self	Molasses		0.1		
1861	3/27	Schafer, August	Self	Molasses		0.225		
1861	3/27	Ridenour, Joel	Self	Molasses		0.28		
1861	3/27	Towns, John E.	Self	Molasses		0.1		
1861	3/29	Barb, Abraham H.	Self	Molasses		0.4		
1861	3/29	Eberly, Elizabeth	Self	Molasses		0.11		
1861	3/30	Beeler, Leandrew	Self	Molasses		0.225		
1861	3/30	Windle, Joseph	Self	Molasses		0.225		
1861	4/1	Coly, George	Self	Molasses		0.31		
1861	4/5	Rootz, Catharine	Self	Molasses		0.225		
1861	4/8	Towns, John E.	Self	Molasses		0.225		
1861	4/15	Hottle, Samuel	Self	Molasses		0.11		
1861	4/16	Ridenour, Joel	Self	Molasses		0.225		
1861	4/18	Rootz, Catharine	Self	Molasses		0.225		

Year	Day	Account	Individual	Item	Gallons	Dollars	Shilling	Pence
1861	4/20	Brill, Samuel	Self	Molasses		0.225		
1860	12/22	Barb, Abraham H.	Wife	Molasses		0.25		
1861	2/13	Barb, Abraham H.	Wife	Molasses		0.4		
1861	4/18	Barb, Abraham H.	Wife	Molasses		0.45		
1862	6/16	Boyd, John	Self	Molasses		1.125		

Appendix H: Supplementary Data for Chapter 10

Table 1: Evidence for the brick chimney, distribution of crystals, and the chimney fire

This table contains data used to make the map in Chapter 10 (Figure 8) that provides the evidence for the brick chimney, the distribution of crystals, and the chimney fire.

Unit	Easting	Northing	Bricks (grams)	Mortar (grams)	Stove Part (count)	Crystals, 1-3cm (count)	Crystals, 4-6cm (count)	Burned Soil
QB001	-447.5	40.5	2.5	0	0	0	0	No
QB002	-447.5	43.5	14.2	0	0	1	0	No
QB003	-444.5	66.5	0	0	0	0	0	No
QB004	-481.5	-29.5	5.1	0	0	0	0	No
QB005	-500.5	79.5	1.2	0	0	0	0	No
QB006	-541.5	-81.5	1	0	0	1	0	No
QB007	-518.5	-73.5	17.9	3.4	0	0	0	No
QB008	-686.5	-87.5	0	0	0	0	0	No
QB009	-647.5	10.5	0.9	0	0	0	0	No
QB010	-569.5	44.5	0	0	0	0	0	No
QB011	-483.5	40.5	1309.2	27.5	1	0	0	No
QB012	-483.5	37.5	8534.7	67.9	1	0	0	Yes
QB013	-471.5	40.5	218.1	5.2	0	0	0	No
QB014	-471.5	37.5	127.9	1.4	2	1	0	No
QB015	-471.5	43.5	688.6	0	0	0	0	No
QB016	-486.5	37.5	3764.8	159	1	0	0	Yes
QB017	-480.5	37.5	4817.4	109.38	1	1	0	Yes
QB018	-483.5	28.5	175.7	3.4	6	0	0	No
QB019	-495.5	28.5	674.9	7.7	0	0	0	No
QB020	-483.5	31.5	3046.7	489.5	7	0	0	No
QB021	-492.5	31.5	1010.3	4.6	0	0	0	No
QB022	-489.5	34.5	4356.1	72.6	0	0	0	Yes
QB023	-483.5	52.5	827.28	0	0	0	0	No
QB024	-495.5	34.5	1735.5	14.6	0	0	0	No
QB025	-459.5	40.5	41.4	0	0	4	0	No
QB026	-483.5	16.5	103.9	0	0	1	0	No
QB027	-495.5	4.5	13.4	0	0	0	0	No
QB028	-483.5	4.5	37.6	0	0	1	0	No
QB029	-495.5	16.5	202.6	7.2	0	1	0	No
QB030	-507.5	28.5	65.4	0	0	0	0	No
QB031	-507.5	16.5	40.3	0	0	0	0	No
QB032	-507.5	4.5	3.3	0	0	0	0	No
QB033	-423.5	37.5	0	0.2	0	0	0	No
QB034	-423.5	28.5	0.9	0.1	0	0	0	No

Unit	Easting	Northing	Bricks (grams)	Mortar (grams)	Stove Part (count)	Crystals, 1-3cm (count)	Crystals, 4-6cm (count)	Burned Soil
QB035	-423.5	16.5	0	0	0	0	0	No
QB036	-423.5	4.5	0	0	0	0	0	No
QB037	-435.5	28.5	115.9	0	0	1	0	No
QB038	-436.5	51.5	1	0	0	0	0	No
QB039	-447.5	28.5	26.2	0	0	0	0	No
QB040	-447.5	16.5	4	0	0	0	0	No
QB041	-519.5	4.5	2.2	0	0	0	0	No
QB042	-471.5	16.5	865.4	62.2	0	3	0	No
QB043	-459.5	16.5	21.4	1.9	0	1	0	No
QB044	-486.5	4.5	0	0	0	1	0	No
QB045	-447.5	4.5	9.9	0	0	1	0	No
QB046	-459.5	28.5	278.4	71.5	0	0	0	No
QB047	-471.5	28.5	646.3	174.7	0	1	0	No
QB048	-519.5	4.5	119.3	0	0		0	No
QB049	-519.5	16.5	914.9	0	0	1	0	No
QB050	-522.5	4.5	0	0.7	0	0	0	No
QB051	-519.5	28.5	14.9	0	0	0	0	No
QB052	-519.5	40.5	0	0	0	1	1	No
QB053	-516.5	40.5	0	0	0	0	0	No
QB054	-495.5	-43.5	11.7	1.2	0	0	0	No
QB055	-459.5	-31.5	124.4	0	0	1	0	No
QB056	-435.5	-19.5	10.9	0.9	0	0	0	No
QB057	-471.5	-19.5	14	1.1	0	1	0	No
QB058	-507.5	-19.5	101.3	0	0	0	0	No
QB059	-471.5	-7.5	65.2	0	0	0	0	No
QB060	-506.75	-22.75	13.2	5.2	0	0	0	No
QB061	-456.5	-31.5	4.8	0.2	0	1	0	No
QB062	-447.5	-43.5	32.7	3.1	0	3	1	No
QB063	-423.5	-31.5	31.45	2.1	0	1	0	No
QB064	-507.5	40.5	10.2	0	0	0	0	No
QB065	-472.25	-9.75	1.5	0.6	0	0	0	No
QB066	-495.5	64.5	0	0	0	0	0	No
QB067	-471.5	52.5	86.6	0	0	0	0	No
QB068	-492.5	52.5	0.4	0	0	0	0	No
QB069	-501.5	85.5	0	0	0	0	0	No
QB070	-495.5	76.5	0	0	0	1	0	No
QB071	-456.5	31.5	150.6	4.1	0	1	0	No
QB072	-420.5	40.5	1.8	0	0	0	0	No
QB073	-435.5	40.5	1.9	0	0	1	0	No
QB074	-483.5	34.5	10709.5	21.5	8	0	0	Yes
QB075	-480.5	31.5	473.4	6	4	0	0	Yes
QB076	-486.5	34.5	9435.7	94.3	2	1	1	Yes

Unit	Easting	Northing	Bricks (grams)	Mortar (grams)	Stove Part (count)	Crystals, 1-3cm (count)	Crystals, 4-6cm (count)	Burned Soil
QB077	-480.5	34.5	3121.4	39.2	7	0	0	Yes
QB078	-462.5	25.5	198.8	2.2	0	0	0	No
QB079	-486.5	31.5	5761.9	103.4	1	0	0	Yes
QB080	-479.5	22.5	265.1	2.8	0	1	0	No
QB081	n/a	n/a	26301.1	255.5	12	1	1	No
QB082	n/a	n/a	12248.4	91.8	0	0	0	No
QB083	n/a	n/a	3932.9	114.5	0	0	0	No
QB084	-449.5	52.5	7.7	0	0	1	0	No
QB085	-459.5	52.5	24.5	6.8	0	0	0	No
QB086	-459.5	64.5	1.7	0	0	0	0	No
QB087	-471.5	64.5	259.9	0	0	0	0	No
QB088	-483.5	64.5	13.3	0	0	1	0	No
QB089	-483.5	76.5	0	0	0	0	0	No
QB090	-507.5	76.5	1.3	0	0	1	0	No
QB091	-519.5	64.5	0	0	0	0	0	No
QB092	-519.5	52.5	0	0	0	0	0	No
QB093	-507.5	79.5	0.5	0	0	0	0	No
QB094	-507.5	74.25	0	0	0	1	0	No
QB095	-492.5	43.5	295.8	2.2	0	0	0	No
QB096	-510.5	76.5	0	0	0	0	0	No
QB097	-510.5	58.5	0.4	0	0	0	0	No
QB098	-510.5	79.5	0	0	0	1	0	No
QB099	-504.5	76.5	0	0	0	0	1	No
QB100	-483.5	43.5	284	0	0	0	0	No
QB101	-483.5	25.5	198.3	19.3	0	0	0	No
QB102	-483.5	46.5	181.6	0	0	0	0	No
QB103	-483.5	22.5	387.8	37	2	1	0	No
QB104	-513.5	76.5	2.7	0	0	0	0	No
QB105	-507.5	82.5	0	0	0	0	0	No
QB106	-483.5	49.5	546.4	0	0	0	1	No
QB107	-483.5	19.5	308	19.8	0	0	0	No
QB108	-531.5	70.5	0	0	0	0	0	No
QB109	-504.5	79.5	0.4	0	0	0	0	No
QB110	-495.5	-67.5	19	2.5	0	2	0	No
QB111	-489.5	40.5	2229.1	18.1	0	0	0	Yes
QB112	-486.5	46.5	145.6	0	0	0	0	No
QB113	-489.5	31.5	1778.2	20	0	0	0	Yes
QB114	-486.5	49.5	1024.4	0	0	0	0	No
QB115	-474.5	34.5	141.8	27.9	0	0	0	No
QB116	-489.5	37.5	8278	316.8	0	0	0	Yes
QB117	-540.5	-1.5	132.4	0.2	0	1	0	No
QB118	-492.5	37.5	2524.6	77.7	0	0	0	No

Unit	Easting	Northing	Bricks (grams)	Mortar (grams)	Stove Part (count)	Crystals, 1-3cm (count)	Crystals, 4-6cm (count)	Burned Soil
QB119	-525.5	79.5	0	0	0	0	0	No
QB120	-573.5	-19.5	0	0	0	1	0	No

Table 2: Data for analyzing the distribution of domestic refuse, ceramics and faunal remains from Quarter Site B

This table contains the data for the distribution analysis of domestic refuse, faunal material, pearlware, and whiteware from Quarter Site B used in Chapter 10 (Figures 10-12).

Unit	Easting	Northing	Domestic Refuse (Count)	Domestic Refuse >2cm (Count)	Pearlware (Count)	Whiteware (Count)	Faunal (Count)	Faunal (Grams)
QB001	-447.5	40.5	335	53	133	17	68	58
QB002	-447.5	43.5	309	56	143	8	38	27
QB003	-444.5	66.5	1	0	1	0	0	0
QB004	-481.5	-29.5	463	119	75	23	230	163
QB005	-500.5	79.5	171	82	17	1	90	301
QB006	-541.5	-81.5	49	9	9	1	18	11
QB007	-518.5	-73.5	772	256	63	9	488	594
QB008	-686.5	-87.5	8	2	1	0	2	0
QB009	-647.5	10.5	78	26	14	3	33	19
QB010	-569.5	44.5	16	6	3	0	12	19
QB011	-483.5	40.5	212	97	42	26	12	9
QB012	-483.5	37.5	187	79	23	24	17	13
QB013	-471.5	40.5	139	60	21	8	23	14
QB014	-471.5	37.5	138	39	32	15	30	25
QB015	-471.5	43.5	152	63	18	15	17	8
QB016	-486.5	37.5	169	91	17	19	35	31
QB017	-480.5	37.5	168	86	22	20	12	8
QB018	-483.5	28.5	82	29	17	1	22	11
QB019	-495.5	28.5	127	48	20	2	26	27
QB020	-483.5	31.5	81	38	6	4	24	26
QB021	-492.5	31.5	97	34	6	5	25	14
QB022	-489.5	34.5	145	50	10	6	81	56
QB023	-483.5	52.5	119	46	12	20	38	95
QB024	-495.5	34.5	81	22	6	5	10	7
QB025	-459.5	40.5	311	78	100	46	58	44
QB026	-483.5	16.5	42	10	3	4	13	8
QB027	-495.5	4.5	117	95	24	9	25	33
QB028	-483.5	4.5	278	75	48	19	86	592
QB029	-495.5	16.5	149	48	28	11	47	43
QB030	-507.5	28.5	117	41	14	6	21	21

Unit	Easting	Northing	Domestic Refuse (Count)	Domestic Refuse >2cm (Count)	Pearlware (Count)	Whiteware (Count)	Faunal (Count)	Faunal (Grams)
QB031	-507.5	16.5	146	37	31	5	25	9
QB032	-507.5	4.5	64	17	9	2	13	60
QB033	-423.5	37.5	84	27	12	2	55	332
QB034	-423.5	28.5	56	14	4	3	29	46
QB035	-423.5	16.5	75	15	11	5	37	20
QB036	-423.5	4.5	323	29	42	36	194	89
QB037	-435.5	28.5	197	54	33	10	100	154
QB038	-436.5	51.5	104	29	23	11	48	40
QB039	-447.5	28.5	282	67	59	12	94	99
QB040	-447.5	16.5	218	35	45	18	88	70
QB041	-519.5	4.5	150	36	27	20	58	34
QB042	-471.5	16.5	112	31	13	4	27	26
QB043	-459.5	16.5	171	36	46	7	81	88
QB044	-486.5	4.5	133	29	19	19	58	45
QB045	-447.5	4.5	522	102	93	36	281	269
QB046	-459.5	28.5	565	163	114	46	96	63
QB047	-471.5	28.5	131	36	19	2	38	39
QB048	-519.5	4.5	77	18	11	4	26	14
QB049	-519.5	16.5	192	64	27	6	114	199
QB050	-522.5	4.5	83	23	6	7	34	66
QB051	-519.5	28.5	149	59	19	14	69	95
QB052	-519.5	40.5	45	16	12	4	17	42
QB053	-516.5	40.5	5	2	0	1	4	23
QB054	-495.5	-43.5	533	121	57	38	312	219
QB055	-459.5	-31.5	732	252	63	40	512	1923
QB056	-435.5	-19.5	258	66	32	18	148	132
QB057	-471.5	-19.5	327	70	62	23	115	88
QB058	-507.5	-19.5	341	104	48	27	177	257
QB059	-471.5	-7.5	198	40	24	18	95	83
QB061	-456.5	-31.5	743	208	92	61	455	1150

Unit	Easting	Northing	Domestic Refuse (Count)	Domestic Refuse >2cm (Count)	Pearlware (Count)	Whiteware (Count)	Faunal (Count)	Faunal (Grams)
QB062	-447.5	-43.5	689	211	76	65	377	390
QB063	-423.5	-31.5	285	64	30	27	179	114
QB064	-507.5	40.5	84	26	9	12	19	25
QB066	-495.5	64.5	130	52	11	5	68	264
QB067	-471.5	52.5	169	52	34	6	48	38
QB068	-492.5	52.5	95	47	12	13	27	125
QB069	-501.5	85.5	38	20	4	3	25	53
QB070	-495.5	76.5	302	164	30	3	149	308
QB071	-456.5	31.5	386	136	124	42	57	60
QB072	-420.5	40.5	112	46	13	1	64	228
QB073	-435.5	40.5	205	59	61	15	67	95
QB074	-483.5	34.5	131	63	5	4	56	65
QB075	-480.5	31.5	60	23	13	2	14	8
QB076	-486.5	34.5	126	49	11	7	33	27
QB077	-480.5	34.5	160	73	21	8	42	30
QB078	-462.5	25.5	85	33	10	5	14	12
QB079	-486.5	31.5	165	73	30	1	61	35
QB080	-479.5	22.5	64	17	8	9	6	3
QB084	0	0	117	22	55	2	12	13
QB085	0	0	96	21	27	7	21	17
QB086	0	0	95	22	23	9	28	25
QB087	0	0	62	54	9	0	23	79
QB088	0	0	154	26	17	5	82	181
QB089	0	0	81	30	7	0	35	77
QB090	0	0	102	11	22	2	41	93
QB091	0	0	27	25	1	0	17	40
QB092	0	0	68	10	9	2	31	65
QB093	0	0	59	8	10	4	20	13
QB095	0	0	100	12	11	9	23	25
QB096	0	0	35	7	4	2	20	20

Unit	Easting	Northing	Domestic Refuse (Count)	Domestic Refuse >2cm (Count)	Pearlware (Count)	Whiteware (Count)	Faunal (Count)	Faunal (Grams)
QB097	0	0	33	4	10	1	8	6
QB098	0	0	25	32	4	0	14	13
QB099	0	0	88	87	6	4	37	78
QB100	0	0	218	17	48	27	30	34
QB101	0	0	62	87	9	0	19	10
QB102	0	0	257	27	48	28	62	161
QB103	0	0	65	8	11	6	9	6
QB104	0	0	35	6	1	0	11	26
QB105	0	0	19	56	3	0	11	14
QB106	0	0	167	46	20	9	49	81
QB107	0	0	107	13	17	20	21	28
QB108	0	0	34	44	5	0	18	24
QB109	0	0	179	278	13	8	51	181
QB110	0	0	912	45	59	19	655	723
QB111	0	0	97	43	11	15	14	33
QB112	0	0	133	37	11	23	39	182
QB113	0	0	72	75	9	0	21	18
QB114	0	0	197	24	19	20	50	75
QB115	0	0	56	122	15	4	6	7
QB116	0	0	217	52	6	7	153	205
QB117	0	0	175	43	21	4	115	184
QB118	0	0	90	1	10	4	27	31
QB119	0	0	13	41	3	1	0	0
QB120	0	0	112	0	5	4	72	103

Table 3: Firing temperature of locally-made earthenware vessels from Quarter Site B

This table presents the firing temperature of 64 locally-made earthenware vessels used in the neutron activation analysis (see Chapter 7 and Appendix E). Firing temperatures determined by heating samples from each vessel up to 900°C, 950°C, 1,000°C, and 1,050°C in a test kiln and letting them soak at that temperature for 30 minutes before reducing the temperature. After each run, the color of the sample was compared against the sherd it came from using a Munsell book, and the temperature at which a color change was first noted was determined to be the firing temperature.

Sample	Vessel	Firing Temperature
SYU006	5.010	950°C
SYU007	5.011	950°C
SYU013	4.007	950°C
SYU014	4.010	>1,050°C
SYU016	4.001	1,000°C
SYU017	4.012	1,000°C
SYU050	1.083	950°C
SYU051	1.085	1,000°C
SYU052	1.087	1,000°C
SYU053	1.097	950°C
SYU054	1.086	1,000°C
SYU055	1.088	950°C
SYU056	1.091	1,050°C
SYU057	1.098	>1,050°C
SYU059	1.089	950°C
SYU060	1.090	1,050°C
SYU062	1.120	950°C
SYU063	1.094	1,050°C
SYU064	1.095	>1,050°C
SYU065	1.096	950°C
SYU066	1.099	950°C
SYU067	1.100	950°C
SYU068	1.101	>1,050°C
SYU069	1.102	>1,050°C
SYU070	1.115	>1,050°C
SYU071	1.121	950°C
SYU072	1.124	>1,050°C
SYU073	1.126	950°C
SYU074	1.127	950°C
SYU075	1.128	1,000°C
SYU076	1.149	950°C

Sample	Vessel	Firing Temperature
SYU077	1.150	>1,050°C
SYU078	1.151	950°C
SYU079	1.152	950°C
SYU081	1.154	950°C
SYU082	1.157	1,000°C
SYU086	2.013	950°C
SYU087	2.014	1,000°C
SYU088	2.015	>1,050°C
SYU089	2.016	950°C
SYU090	2.017	950°C
SYU091	2.018	950°C
SYU092	2.020	1,000°C
SYU093	2.021	1,000°C
SYU094	2.025	>1,050°C
SYU095	2.026	950°C
SYU096	2.031	>1,050°C
SYU097	2.032	1,050°C
SYU098	3.034	>1,050°C
SYU099	2.125	>1,050°C
SYU106	3.033	950°C
SYU107	3.025	1,050°C
SYU108	3.032	1,000°C
SYU109	3.039	>1,050°C
SYU110	3.026	>1,050°C
SYU111	3.028	>1,050°C
SYU112	3.029	>1,050°C
SYU113	3.031	1,000°C
SYU114	3.034	>1,050°C
SYU115	3.040	1,000°C
SYU116	3.041	>1,050°C
SYU117	3.042	950°C
SYU118	3.043	>1,050°C
SYU120	3.045	>1,050°C

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Young, Amy L., Michael Tuma, and Cliff Jenkins. 2001. “The Role of Hunting to Cope with Risk at Saragossa Plantation, Natchez, Mississippi.” *American Anthropologist*, New Series, 103 (3): 692–704.
Young, Jason R. 2007. *Rituals of Resistance: African Atlantic Religion in Kongo and the Lowcountry South in the Era of Slavery*. Baton Rouge: Louisiana State University Press.
Yountae, An. 2014. “Beginning in the Middle: Deleuze, Glissant, and Colonial Difference.” *Culture, Theory and Critique* 55 (3): 286–301.
Zaborney, John J. 2012. *Slaves for Hire: Renting Enslaved Laborers in Antebellum Virginia*. Baton Rouge: Louisiana State University Press.

Curriculum Vitae

Matthew C. Greer

2022

EDUCATION

Ph.D. Anthropology, Syracuse University, August 2022

M.A. Anthropology, **University of Southern Mississippi**, December 2014

B.A. History, University of Mary Washington, May 2009

RESEARCH INTERESTS

Historical Archaeology
African Diaspora Archaeology
Archaeological Theory
Black Studies
Materiality / New Materialism
Race / Racialization
Ceramic Analysis
Archaeometry
Field Methods
Documentary Research
Landscape Studies
Food Studies

ACADEMIC APPOINTMENTS

2022-Present	Post-Doctoral Fellow, Archaeometry Laboratory, University of Missouri Research Reactor
2020-2022	Pre-Doctoral Fellow. Carter G. Woodson Institute for African-American and African Studies, University of Virginia

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PUBLICATIONS

Referred Journal Articles

2022 Buying Local: A Multi-Method Approach to Determining the Provenance of Locally-Made Lead-Glazed Earthenwares. *Archaeological and Anthropological Sciences.* 14(7):1-15. (**Matthew C. Greer** and Brandi L. MacDonald)

2021 Cobalt, Lead, and Borax: Preliminary LA-ICP-MS and SEM-EDS Analysis of Late-18th- to Mid-19th-Century British Refined Earthenware Glazes. *Journal of Archaeological Science: Reports.* 37(June):1-11. **(Matthew C. Greer**, Brandi L. MacDonald, and David Stalla)

2020 Which Town Did it Come From?: Sourcing Locally-Made Ceramics in the Middle Atlantic. *North American Archaeologist*. 41(4):135-167. (**Matthew C. Greer** and Brandi L. MacDonald)

2016 Contextualizing Dogs, a Dog Burial, and Enslaved Life on a Virginia Plantation. *Journal of African Diaspora Archaeology and Heritage* 5(3):223-244.

Non-Referred Journal Articles

2021 Willa Cather and Enslaved Life in the Northern Shenandoah Valley. *Willa Cather Review*. 62(2):10-12.

2014 Bundles, Passes, and Stolen Watches: Interpreting the Role of Material Culture in Escape. *Southern Studies: An Interdisciplinary Journal of the South* 21(1):87-96.

2013 Carrying the Tools for Freedom: Negotiating the Environments of Mississippi in Slavery and Escape. *Journal of Mississippi History LXXV(3):121-132.*

2012 Within View of the Mansion – Comparing and Contrasting Two Early Nineteenth-Century Slave Households at James Madison's Montpelier. *Journal of Middle Atlantic Archaeology* 28:69-80. (Matthew Reeves and **Matthew Greer**)

Conference Proceedings

2022 Archaeological Materials and Museum Collections. *2021 ALHFAM Conference Proceedings*: 200-202.

Technical Reports

In Review. 2018 Archaeological Mitigation for Proposed Fiber Optic Line, Belle Grove Plantation. Belle Grove, Inc.

2016 Appendix B: Site Strata. In The Southwest Yard: Uncovering Transitional Landscapes at James Madison's Montpelier. The Montpelier Foundation. (**Matthew Greer** and Christine Heacock)

2016 Archaeological Investigations of Two Possible 19th Century Enslaved Quarters at Belle Grove Plantation, Frederick County, Virginia: 44FK520 and 44FK521. Belle Grove, Inc.

2013 Archaeological and Bioarchaeological Investigations of the French Colonial Cemetery at the Moran Site (22HR511), Harrison County, Mississippi. Mississippi Department of Marine Resources. (Marie Elaine Danforth, Danielle N. Cook, J. Lynn Funkhouser, **Matthew Greer**, Heather Guzik, Amanda R. Harvey, Barbara T. Hester, Harold W. Webster, and Ronald Wise Jr.)

2010 Archaeological Investigation of The Rackliffe House and Grounds, Site 18WO230, On the Approximately Three Acre Property of the Rackliffe House Trust, in the Vicinity of the Assateague National Seashore and Assateague Island State Park, Wocester County, Maryland. Rackliffe House Trust. (Aaron Levinthal, Ryun Papson, and **Matthew Greer**)

AWARDS AND HONORS

2015 University of Southern Mississippi Nominee, Social Science Division, Conference of Southern Graduate Schools Master's Thesis Award 2016

2014 University of Southern Mississippi Graduate Student Research Symposium, Department Award Winner, Department of Anthropology and Sociology

2014 Irmgard H. Wolfe Award for Best Graduate Paper in Anthropology, Department of Anthropology and Sociology, University of Southern Mississippi
2013 William F. Coker Award for Best Graduate Student Paper, Gulf South History and Humanities Conference

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GRANTS AND FELLOWSHIPS

2022 SBE Postdoctoral Research Fellowship, National Science Foundation, award 2204085 ($143,00)
2021 Roscoe Martin Graduate Award, Syracuse University ($1,200)
2020 2020-2022 Pre-Doctoral Fellow, Carter G. Woodson Institute for African-American and African Studies, University of Virginia ($48,000)
2020 Grants-in-Aid of Research, Sigma Xi, grant G2019100194732789 ($1,000)
2020 Roscoe Martin Graduate Award, Syracuse University ($1,200)
2019 Pre-Doctoral Internship, University of Missouri Research Reactor Archaeometry Laboratory ($14,400)
2018 Roscoe Martin Graduate Award, Syracuse University ($750)
2017 Maxwell Dean's Summer Fellowship, Syracuse University ($4,820)
2017 Roscoe Martin Graduate Award, Syracuse University ($730)
2016 Maxwell Dean's Summer Fellowship, Syracuse University ($4,020)
2015 2015-2016 External Fellowship, Department of African American Studies, Syracuse University ($23,830)

INVITED TALKS AND PANELS

2022 How Did They Use That Saucer?: Archaeological Science, Historic Documents, and Assumptions About Enslaved People's Use of Tea Wares. DAACS Conversation Series (25 February)
2021 Cities, Towns, and Country Stores: Enslaved Consumers and the Politics of Shopping in the Shenandoah Valley. President's Career Enrichment Program, Lord Fairfax Community College (17 November)
2021 Panelist – A Grinding Curse: Race and Slavery in the Shenandoah Valley. George Tyler Moore Center for the Study of the Civil War, Shepherd University (19 May)
2021 Archaeological Excavations at Belle Grove Plantation. Lunch and Learn, Montpelier Archaeology Department (10 March)
2020 Panelist – African American Archaeology and Landscapes. Petersburg National Battlefield (25 October)
2019 Cather and Enslaved Life in the Northern Shenandoah Valley. Plenary Session, International Willa Cather Seminar (17 June)
2018 Slavery and Ceramics at Belle Grove Plantation: Archaeological Research of the Enslaved. Human Services Student Organization / Diversity and Inclusion Council, Lord Fairfax Community College (8 November)

2018 Buying Crocks and Making History: Enslaved Consumers and the Development of the Shenandoah Valley. Plenary Session, Public Education Forum, Council of Virginia Archaeologists (12 October)
2018 The Archaeology of Enslaved Life in the Shenandoah Valley. Department of Art History and Archaeology, Hood College (2 April)

CONFERENCE ACTIVITY

Conference Symposia Organized

2022 Belle Grove Plantation: Researching Plantation Life in the Shenandoah Valley. Middle Atlantic Archaeology Conference (**Matthew C. Greer** and Erica G. Moses)
2020 Plantation Archaeology as Slow Archeology. Annual Conference on Historical and Underwater Archaeology
2019 Plantation Archaeology as Slow Archeology. Theoretical Archaeology Group, North America (Theresa Singleton and **Matthew C. Greer**)
2018 Archaeologies of Free and Enslaved Communities in the Shenandoah Valley. Middle Atlantic Archaeology Conference

Conference Papers and Panels

Forth. That Sherd with the Fingerprints: Altering Public Perceptions of Ceramics and Slavery in Virginia's Shenandoah Valley. Annual Conference on Historical and Underwater Archaeology
2022 What Town Did They Buy That From? Mapping Enslaved People's Consumption Practices in Virginia's Shenandoah Valley. Middle Atlantic Archaeology Conference
2021 Panelist – Uncovering Best Practices in Archaeological Collections. Association for Living History, Farm and Agricultural Museums Annual Conference
2021 Hunger: The Ontological Politics of Food in the Plantation South. Theoretical Archaeology Group, North America
2021 Cobalt, Lead, and Borax: Preliminary Elemental Analysis of Late-18th to Mid-19th-Century British Refined Earthenware Glazes. Middle Atlantic Archaeology Conference. (**Matthew C. Greer** and Brandi L. MacDonald)
2021 Racializing Surveillance and the (Re)Production of Blackness in Plantation Landscapes. Annual Conference on Historical and Underwater Archaeology
2020 Making Time for Tea(wares): Slow Archaeology, Enslaved Life, and the Poetics of Consumption. Annual Conference on Historical and Underwater Archaeology
2019 Making Time for Tea(wares): Slavery, Economies, and the Poetics of Consumption. Theoretical Archaeology Group, North America
2019 Crocks, Cabins, and Slavery: The Intermingling of African and German Diasporas in Virginia's Shenandoah Valley. Middle Atlantic Archaeology Conference
2019 Making Food, Making Middens, and Making Communities: Exploring the Effects of Cooking and Trash Disposal on a Virginia Plantation. Annual Conference on Historical and Underwater Archaeology (**Matthew C. Greer** and Scott Oliver)
2018 Black Virginians and Locally Made Ceramics in the Shenandoah Valley. Annual Meeting of the Society for American Archaeology

2018 Global Commodities and Internal Economies: Enslaved Consumers in the Northern Shenandoah Valley. Middle Atlantic Archaeology Conference
2018 Poaching Pots and Making Places: Slavery and Ceramic Consumption in the Shenandoah Valley. Annual Conference on Historical and Underwater Archaeology
2018 Can You See Me Now?: Exploring Lines Of Sight On A Virginia Plantation. Annual Conference on Historical and Underwater Archaeology (Erica G. Moses and Matthew C. Greer)
2017 Panopticism and the Practical Politics of Slavery in the Shenandoah Valley. Middle Atlantic Archaeology Conference
2017 Starting Over After Being Taken Away: Enslaved Women, Forced Relocation, and Sexual Relationships in Antebellum Virginia. Annual Conference on Historical and Underwater Archaeology
2016 Transfer-Prints, Gilded Buttons, and Social Relationships: Costly Consumer Goods and Social Interactions within an Enslaved Community. Middle Atlantic Archaeology Conference
2016 Many Remedies to Choose From: Social Relationships and Healing in an Enslaved Community. Annual Conference on Historical and Underwater Archaeology
2015 Interactions Across the Landscape: Interpreting Social Relationships within Montpelier's Black Community. Annual Conference on Historical and Underwater Archaeology
2014 Kin or Coins: Assessing Enslaved Social Relations in the Virginia Piedmont. University of Southern Mississippi Graduate Student Research Symposium
2014 Freedom in the Flesh: Assessing the Effect of Freedom on African American Health in Natchez, Mississippi. Annual Meeting of the Mississippi Archaeological Association
2013 Bundles, Passes, and Stolen Watches: Interpreting the Role of Material Culture in Escape. Gulf South History and Humanities Conference
2013 Nipping at the Heels of Slavery: Identifying Enslaved Resistance Through Contextualizing the "Dog Burial" at James Madison's Montpelier. University of Southern Mississippi Graduate Student Research Symposium
2013 Social Status and Inter-Household Interactions Amongst a 19th Century Enslaved Community. Annual Conference on Historical and Underwater Archaeology
2012 Bondsman's Best Friend? – Analyzing the Cultural Significance of the "Dog Burial" at James Madison's Montpelier. Annual Meeting of the Southern Archaeological Conference
2012 Inter-Quarter Community Relations at James Madison's Montpelier. Middle Atlantic Archaeology Conference
2012 The South Kitchen Revisited: Using Ceramic Crossmend Data to Reinterpret Stratigraphy. Annual Conference on Historical and Underwater Archaeology

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CAMPUS AND DEPARTMENTAL TALKS

2021 Cities, Towns, and Country Stores: Enslaved Consumers and the Politics of Shopping in the Shenandoah Valley. Archaeology Brown Bag Workshop, University of Virginia (12 November)
2018 Panelist – Teaching Power: Dealing with Power Dynamics in the Classroom. TA Program Workshop, Syracuse University (9 February)

TEACHING EXPERIENCE

Hood College

- Archaeological Field School, Director (Summer 2018, Summer 2019)

Syracuse University

- Global Encounters, Teaching Assistant (Fall 2018)
- Introduction to Archaeology and World Prehistory, Teaching Assistant (Fall 2016)
- Introduction to Historical Archaeology, Teaching Assistant (Spring 2017, Spring 2018, Spring 2019)
- Peoples and Cultures of the World, Teaching Assistant (Fall 2017)

University of Southern Mississippi

- The Human Experience, Instructor of Record (Spring 2014)
- The Human Experience, Teaching Assistant (Fall 2012, Spring 2013)
- Introduction to Cultural and Linguistic Anthropology, Teaching Assistant (Fall 2013)

ARCHAEOLOGICAL EXPERIENCE

2015–Present	Belle Grove Quarters Project, Project Director
2019–2020	Pre-Doctoral Intern, University of Missouri Research Reactor
2018–2020	Syracuse University, Research Assistant
2014–2015	The Montpelier Foundation, Crew Chief
2014–2015	Syracuse University, Field Technician
2014	University of South Alabama Center for Archaeological Studies, Field Technician
2013	Panamerican Consultants, Inc., Field Technician
2013–2014	University of Southern Mississippi, Laboratory Manager
2011–2012	The Montpelier Foundation, Crew Chief
2010–2011	Advantage Environmental Consultants, Crew Chief / Lab Manager
2009–2011	Louis Berger Group, Field Technician
2009	Cultural Site Resource Management, Field Technician
2008	University of Mary Washington Center for Historic Preservation, Field School Participant and Field Technician

SERVICE

Professional Service

2021–Present	Member, Public Education Committee, Council of Virginia Archaeologists
2018–2019	Co-Chair, Organizing Committee, Theoretical Archaeology Group North America 2019 Meeting

Thesis Committees

2020–Present Outside Reader, Linda Seminario, *"Provisioned, Produced, Procured," and Purchased?: A Study of Enslaved African Economic Involvement in the Shenandoah Valley*. University of Massachusetts, Boston

Campus Service

2016–2017 Treasurer, Anthropology Graduate Student Organization, Syracuse University
2013–2014 Treasurer, Anthropology Society, University of Southern Mississippi

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PUBLIC OUTREACH

Committees and Boards

2022–Present Member, Board of Directors, Belle Grove Plantation
2020–Present Member, Education Committee, Belle Grove Plantation
2020–Present Consulting Archaeologist, Belle Grove Virtual Project

Museum Exhibits Curated

2022 Unearthing Enslaved Lives at Belle Grove. Permanent exhibit at Belle Grove Plantation, Middletown, Virginia. (**Matthew C. Greer** and Kristen Laise)

Public Lectures

Forth. Social Histories of Tea, Coffee, and Drinking Chocolate in the Shenandoah Valley. Belle Grove Plantation. (18 September)
2022 Archaeology at Belle Grove Plantation. The Historic Strasburg ParaVation. (21 May)
2021 How Remote Sensing Helps Public Archaeology. Belle Grove Plantation (11 August)
2021 Enslaved Foodways in the Valley. Shenandoah Valley Black Heritage Center (22 June) (Kate Bajorek, **Matthew Greer**, Scott Oliver, Linda Seminario)
2021 Putting Together the Pieces: How Small Ceramic Fragments Reveal Much about the Life of the Enslaved at Belle Grove. Belle Grove Plantation (9 February)
2020 Updates on the Scientific Analysis in the Archaeological Research at the Belle Grove Enslaved Quarter Site. Belle Grove Plantation (25 June)
2019 Enslaved Shenandoahans and Locally-Made Ceramics. Inalienable Rights: Free and Enslaved Blacks Crafting a Life in the Shenandoah Valley, Belle Grove Plantation (9 November)
2019 Digging Up Soul Food: Choice, Survival, and Food in the Shenandoah Valley. Honoring Shenandoah Valley's Soul Food History and Chefs (3 August) (**Matthew Greer** and Scott Oliver)
2019 Archaeology at Belle Grove Plantation. Educational Workshop Series, Shenandoah County Parks and Recreation (27 June)
2018 Archaeological Investigation of the Slave Quarter Site at Belle Grove. Inalienable Rights: Free and Enslaved Blacks Crafting a Life in the Shenandoah Valley, Belle Grove Plantation (10 November)
2017 Archaeology at Belle Grove. Front Royal Rockhounds Association (22 July)

Media Coverage

2022 Belle Grove Plantation Open for 2022 – New Exhibit 'Unearthing Enslaved Lives at Belle Grove' Now on View. *Royal Examiner* (23 March)
2019 Belle Grove Begins 2019 Archaeological Season. *The Northern Virginia Daily* (16 June)
2019 Archaeologists Return to Belle Grove Plantation for Final Season. *WVDM* (14 June)
2018 Details unearthed of lives in bondage at Belle Grove. *The Winchester Star* (7 August)
2018 Archaeologists Continue to Dig Up History at Belle Grove Plantation. WVDM (7 June)
2018 Belle Grove Continues Archaeological Investigations at Slave Quarter Sites. *The Northern Virginia Daily* (6 June)
2017 Untold history of slaves unearthed at Belle Grove Plantation. *The Winchester Star* (3 July)
2017 Slaves at Belle Grove: Archaeologists Offer Talks on Their Discoveries. *The Northern Virginia Daily* (28 June)

ACADEMIC AND PROFESSIONAL AFFILIATIONS

2021–Present	Society for Archaeological Sciences
2020–Present	Council of Virginia Archaeologists
2019–Present	Register of Professional Archaeologist
2014–Present	Lambda Alpha Honor Society
2012–Present	Society for Historic Archaeology
2012–Present	Middle Atlantic Archaeology Conference