Results of the 2022 Valley of Peace Archaeology Project: Salvage Archaeology and Beyond

Report submitted to the Institute of Archaeology
National Institute of Culture and History
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Chapter 1
Goals and Results of the 2022 Valley of Peace Archaeology Project

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Pioneers of settlement archaeology such as Gordon Willey and now LiDAR mapping have transformed Maya settlement studies. No method, however, can recover information about ancestral Maya history if it is being plowed—as it is in the Valley of Peace Archaeology (VOPA) project area in central Belize. After a destructive hurricane in 2010 and subsequent wildfires destroyed most hardwoods, Yalbac Ranch, a sustainable logging company, sold over 30,000 acres to the Spanish Lookout Community Corporation (SPLC) in 2014. SPLC has since clear-cut thousands of acres for agricultural purposes and continues to do so, including an area encompassing the center of Yalbac to the south up to the pilgrimage destination of Cara Blanca to the north now owned by the Belize Maya Forest Trust as of late 2020, and rural areas in between. Plowing has exposed hundreds of ancestral Maya farmsteads and elite residences with long occupation histories (c. 300 BCE-1100 CE) (Benson 2017). And since the Maya would ritually raze houses and rebuild in the same place about every 20 years and bury their deceased family members beneath house floors (Ashmore 1981), we estimate that 20 to 40 years are plowed away each time. The three-year VOPA salvage program (2022-2024) is thus vital to collect as much information from exposed mounds.

I was given permission by the Belize Institute of Archaeology and the SPLC (which is much appreciated) to conduct a salvage archaeology program to: 1) collect as much information as possible from exposed mounds; and 2) collect data to explore how diverse resource management strategies allowed the Maya to sustainably live as farmers in the tropics for millennia. I was also given permission by the IA and the Belize Maya Forest Trust (BMFT) for Dr. Jean T. Larmon to re-locate and survey two substantial centers near the Belize/Guatemala border on BMFT property (see chapter 6). Dr. Elma Kay, Director of the BMFT, has proven quite supportive of this project. GPS data for all sites are available upon request.

Expenditures in Belize are as follows (US dollars):

Belize Institute of Archaeology fees (permit, consolidation, administrative, BAS): $5864.10

Lodging and food for 3-4 staff/specialists: $10,883.28

4WD 2023 Nissan Frontier: $37,500

Truck expenses for 2 trucks (bed liner, insurance, tires, registration, etc.): $5027.99

Fuel: $1192.04

Payroll and social security for 12 to 13 foremen and field assistants: $10,665.50

Other expenses (supplies, materials): $2644.04

Three things had a major impact on this season: 1) due to concerns with COVID, we could only bring staff only (no undergraduate students); 2) the nature of a salvage project; and 3) I hired twice as many excavation assistants. These factors kept my two staff/PhD students, Rachel Gill (now Taylor) and Yifan Wang, and myself quite busy. Foremen Cleofo Choc, Stanley Choc and José Ernesto Vasquez were invaluable to reaching our excavation goals, as were our fabulous excavation assistants: Marcial Arteaga, Ismael Blandon, Mark Choc, Juan Antonio Lopés, Tilo Luna, Wilman Mendez, Javier Vasquez, Yoel Ramos, Mario Rivera, and Valdemar Vasquez (Figure 1.1). Funding was provided by the National Science Foundation (BCS 2020465 awarded to Lucero), the University of Illinois at Urbana-Champaign Research Board (Lucero), and the Center for Latin American and Caribbean Studies (Taylor).

Results from the 2022 season clearly shows that even when population peaked c. 600-800 CE in the Late Classic period, the Maya remained resilient because of their diverse and sustainable practices.

Their long occupation histories indicate that their agricultural and settlement practices did not result in extensive deforestation (e.g., we find faunal remains in the archaeological record indicating the existence of nearby forests).

Figure 1.1. 2022 VOPA crew: from left to right: Yifan, Rachel, Ernesto, Marcial, Lisa, Mario, Yoel, Tilo, Cleofo, Wilman, Juan Antonio, Javier, Ismael, Stanley, and Valdemar (Mark Choc not pictured).

2022 Salvage Operations

Mr. Harry Letkeman, along with Mr. David Reimer and Mr. Dyke, are the current leaders of Spanish Lookout and who generously allowed us to test excavated a planned 15 mounds. We submitted a map with the 15 sites we wanted to excavate, after which Pete Reimer spoke to the individual farmers to get permission. The farmers gave us permission to excavate on their property, except the owner of MF6. Nor are we able to drive onto the fields, which we never had planned to do anyway.

The mounds we selected for excavations over the three-year period (2022-2024) reflect the percentages of types surveyed in 2014 and 2016: 29% Type 1 (n=13); 41% Type 2 (n=19); 24% Type 3 (n=11); and 5% Type 4 (n=2). Site types are determined by size, construction materials, and layout (Table 1.1). We ran three concurrent salvage operations and excavated 14 of the 15 planned sites from May 16 through June 19 in three different areas or neighborhoods (see chapter 3 for maps): MF1, MF5, and MF2 (MF=Mound Field), described in more detail in chapter 4 (Table 1.2). We only lost two field days due to rain and had to leave early one day due to heavy rains. While at the Choc house in the Valley of Peace Village one morning when it was raining before, one of Cleofo's granddaughters, Louisa (Louie), said "the sun is fighting." A very apt statement.

Table 1.1. Rural site types (revised from Benson 2015)

Type 1	Small, low scatters of cobbles, no cut stone; c. 0.5 m or less in height
Type 2	Mounds ranging from 0.5 to 1.5 m tall; cobbles, no obvious cut stone

Type 3	Mounds c. 1.5 m or taller; cut stone
Type 4	Large, multi-structure (3-4 structures) on platform with plaza; similar to Type 3 but on raised platform

Table 1.2. Proposed excavations by year and site type*

	Type 1	Type 2	Type 3	Type 4	Total
Year 1-~~2020~~ 2022	4	6	4	1	**15**
Achieved 2022	**4**	**6**	**3**	**1**	**14**
Year 2-~~2021~~ 2023	4	6	4	1	**15**
Year 3-~~2022~~ 2024	5	7	3	-	**15**
Total	**13**	**19**	**11**	**2**	**45**

*Strike through years represent the two years cancelled due to the COVID pandemic

We soon realized that since many mounds are in close proximity to one another that we could excavate several residences/building in the same neighborhood or community, defined as "a group of co-located residents with frequent, repeated face-to-face social interaction…of ~3-25 households (or under 500 people…)" (Thompson et al. 2022:6), and that is created when residential groups in close proximity establish social identities through kinship, religion, and administration and subsistence cooperation (Smith 2010). That said, mounds still had to near roads so as not to interfere with the growing crops. We relied heavily on drone mapping and GIS generated maps (see chapters 2 and 3).

Some mounds have smaller in size since first classified in 2014 due to mechanized farming (see chapter 4). Given that ceramics dating up to 900 CE and arrow points dating to the Postclassic (c. 1100+CE) were recovered in 2016 (Benson 2017; Ferree and Benson 2017; Kosakowsky 2017), and that many locations excavated in 2022 lacked a strong Terminal Classic component, we estimate that plowing has resulted in over 100 years of lost ancestral Maya history. The land has been leveled by bulldozers with a giant chain attached between them (i.e., the chaining method), after which logs and debris were piled up and burned, after which farmers carried out heavy-duty mulcher crushing, spreading the remaining debris (see Brouwer Burg et al. 2016). Heavy machinery churned up soil, exposing and impacting architectural features and artifacts.

Figure 1.2. Example of plow drag, MF5-7

During this season, we learned about plow archaeology and plow architecture (see Brouwer Burg et al. 2016)—roots, time, plowing (at least 20 cm deep, but likely deeper), and the weight of the plow and other heavy machinery really churned up the mounds. There was also lateral drag that spread out mounds that resulted in mixed deposits and mound shifting—for example, at MF5-2, a Type 2 site, we placed two trenches through what we thought was the mound center. As we excavated, we realized that the site center was several meters to the west. Plowing had transformed the mound's configuration. In another example, MF5-7 (not measured or excavated) has a 35.1 m plow drag (Figure 1.2).

'Below surface' measurements also took on an entirely new meaning—'below plowed surface' is more accurate. We also noted that farmers had sheared the edges of larger Type 3 mounds and Type 4 platforms. Finally, farmers have their crew pick up cobbles to make it easier to plow. For example, in late May I introduced myself to Mr. Hein, who owns/farms MF1. We were checking out MF1-86 and MF1-92. He informed us that he has his crew pick up stones larger than 4" and place them in a tractor trailer, after which they dump them at the edge of his field—some piles actually look like mounds. This practice is likely done in all fields with lots of mounds, something we need to keep in mind when evaluating drone maps.

The earliest ceramics in the 2022 VOPA excavations date to the Late Preclassic and Terminal Preclassic (the Chicanel and Floral Park Spheres: 300 BCE to 250 CE), however they only appear mixed in later contexts (see chapter 5). The first evidence of strong occupation occurs in the Early Classic Period (the Tzakol Sphere: 250 CE) and continues uninterrupted through the Late Classic (the Tepeu 1 Sphere) until sometime in the 9th century CE (the Tepeu 2-3 Sphere). Not all mounds have a strong Terminal Classic component, but this may be the result of modern agricultural practices.

Table 1.3. Exported materials from the 2022 season

Sample	Frequency	Context	Type
Charcoal	2 pieces	MF 5-5 Above lower Floor 1; Cat# 2378	Partial fragments
Human Bone	21	MF5-1 W Room Interior; Cat# 2382	Long bone fragments
Human Bone	1	MF5-1 N Wall Clean; Cat#2381	Fragment
Human Bone	1	MF5-1 W Trench; Cat#2383	Fragments
Human Bone	2 foil packets	MF5-3 Burial 1; Cat# 2380	Fragments (very broken)
Charcoal	2 pieces	MF1-4 S Burned Floor; Cat# 2385	Partial fragments
Human Bone	2	MF5-3 Burial 2; Cat# 2379	Fragments
Fauna	2	MF5-1 N Trench Edge; Cat# 2384	Possible scapula frag, species unknown
Fauna	1	MF5-5 N Trench: Cat#: 2426	fragment
Charcoal	1 foil packet	MF1-1 Above Burnt Floor; Cat# 2365	partial fragments
Human Bone	2	MF5-5 BU 4; Cat#: 2425	fragments
Human Bone	14	MF5-4 BU 2; Cat# 2424	3 teeth, 11 fragments

We exported human teeth and bone samples from the six burials we revealed (see chapter 4), as well as charcoal samples and a few faunal remains (Table 1.3). And while I have funding for soil

analyses, in most cases, there was just too much contamination. We will wait to submit for analyses after the second year (2023).

Taylor and Wang also went through the artifacts from previous VOPA seasons (Yalbac, Saturday Creek, and Cara Blanca) to collect all fauna remains since both of their respective dissertation projects analyze fauna (export list available upon request). Taylor's dissertation project focuses on assessing past forest health and biodiversity by analyzing zooarchaeological remains that will allow her to document the changing relationships between the ancestral Maya and their environment through time. Wang's dissertation project will focus on the sustainable practices of animal utilization strategies in Classic Maya society, which she will assess through stable isotopic analyses on faunal remains. Her goal is to contribute data for environmental reconstructions and animal exploitation strategies.

Concluding Remarks

The fact that we still find so many mounds despite all the plowing is a testament to the longevity of Maya sustainable practices. Additionally, the lack of any obvious agricultural features in drone images and from ground checking highlights two things: 1) there was plentiful fertile soils that did not require intensified agricultural strategies (e.g., ditches, terraces, etc.); and 2) the Maya maintained soil fertility through a different kind of collaboration than we see presently (clear-cutting, mono-cropping, chemical fertilizers, etc.).

One of the major benefits of the VOPA salvage operation is our contribution to recording ancestral Maya culture heritage one neighborhood at a time, which not only preserves their history, but also reveals lessons from the past (e.g., Coningham and Lucero 2021; Lucero and Gonzalez Cruz 2020; Murphy and Crumley 2022). Ancestral settlements are at the mercy of looting, urban sprawl, and increasingly the need to feed growing populations by expanding agricultural fields and grazing lands. In the face of continued mechanized plowing, all we can do is to collect information as quickly and comprehensively as possible. Salvage archaeology programs will become increasingly critical in this endeavor.

I conclude with some questions we need to explore in future. In the treeless landscape where we work, the wind really picks up after noon—we have to anchor everything down. At least there are no pesky insects. While we know the impacts of deforestation—for example, the albedo effect where exposed land increases surface temperature and decreases local rainfall amounts. But what about winds? We know that wind dehydrates people—what else does it dehydrate? Clearly forest trees and vegetation block the high winds. What are the impacts of increased winds? Does it worsen albedo or decrease its impact? The same goes for erosion, especially in the dry season when everything is so dry? How much surface soil is lost? What is the impact on crops? Air quality? How far does it travel (e.g., dust from the Saharan desert is founds thousands of miles away). Does wind increase the distance or spread of pollen and seeds (good and bad?). Does wind impact temperature? Rainfall? Humidity? Do greater winds increase evaporation rates of, for example, Cara Blanca pools and other water bodies? If so, does this mean it is more humid locally?

Acknowledgements

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Kosakowsky enough for her excellent company and ceramic expertise. Funding was provided by the National Science Foundation (BCS 2020465 awarded to Lucero), the University of Illinois at Urbana-Champaign Research Board (Lucero), and the Center for Latin American and Caribbean Studies (Taylor).

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Chapter 2
Drone Photography and Mapping

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This chapter describes the drone mapping methods we used during the 2022 field season, as well as aerial photography and documentation. At the time of our field season (mid-May through June), the only aerial photos the team had access to were from Google Earth dating to 2018, as well as previous drone photography from the 2018 field and survey season. These original survey photos were taken of several of the mound fields (MFs) from the overlook point looking south above Cara Blanca Pool 7. Jesann Gonzales Cruz took over 300 images of the MFs using a DJI Phantom 3D Professional series drone (Gonzalez Cruz 2019; Larmon et al. 2018).

Ground exploration and new mound measurements showed us that these images were considerably outdated based due to agricultural clearing by the Spanish Lookout Community Corporation (SPLC). While they are still useful in a general sense, we needed more recent images and a more complete map. For example, MF1-1 when originally surveyed in 2014 in recently cleared fields, it measured as a Type 3 mound at over 1.5 m tall (Benson 2014). When remeasured in the 2022 season it came in at 1.46 m in height, putting it below the Type 3 threshold to a Type 2 (see chapter 1 for site type descriptions). We attributed this change to the continual compression and spread caused by plowing. We also determined that several other areas had recently been cleared. And since we did not have time for a foot-survey of the mounds, we opted to use the drone to map and survey these newly cleared areas.

Figure 2.1. Planview aerial photograph of MF5-1 excavations with (N-S) 1 m scale. N is to the right.

The drone used for previous seasons through the 2018 season was a DJI Phantom 3D Professional Drone, which has an estimated flight time of 23 minutes per battery and can travel maximum at 16m/s. Upon arrival in Belize, we discovered that the drone had warped batteries and unfortunately would not fly. However, we were able to obtain and use a new drone, a DJI Phantom 4 series, from Christian Taylor who was visiting us. It has a longer battery life and faster flight time. This new drone also has a higher camera resolution and is larger in size to the previous drone used. Once Christian taught me and Yifan how to

use it, we utilized the drone for two purposes: mound photography and mapping the various exposed MFs.

Mound Photography

Because of the nature of this salvage operation, scaled planview drawings of exposed stratigraphy were impossible to accomplish due to time constraints and the number of mounds we wanted to test excavate. As an alternative method of documentation and due to the high resolution of the Phantom 4D camera, we decided to take aerial plan photos with a 1 m scale (Figure 2.1). In addition to individual drone photos of each mound, we also took photos of several mounds at once to place them in context with one another (Figure 2.2). We also took oblique profile style photos to highlight profile views as well as place the mounds in the larger context of the community (Figure 2.3).

Figure 2.2. Planview contextual photo of MF5-4 (bottom), MF5-5 (left). And MF-6 (right) with excavators for scale. N is on the right side of this image.

Figure 2.3. Oblique photo of N profile of MF1-1 completed excavation; 1 m scale is W-E.

Because of the vast differences between the mounds, these aerial photos of the excavations were not taken at a standardized height, but rather at the height that best served to highlight the features of the mound while also showing the full extent of the excavations of that mound. The contextual shots of multiple mounds also follow this strategy. In the case of MF1-22, we took contextual shots of the mound within the field, of the mound's multiple structures together, and then each excavated mound individually (Figure 2.4).

Figure 2.4. MF1-22 aerial photos showing the mound in context with MF1-86 MF 1-92 (bottom left, N is to the left), the overall mound with all four structures showing (top left, N at the bottom) and an aerial view of the excavation trench of Str. 3 (right, N to the left).

Drone Mapping

To generate an updated map comparable with the 2018 map created using the Phantom 3D Professional series drone, I did a series of calculations to determine the best height of the drone while

also balancing the drone's battery life and the necessary resolution. These calculations were initially done when we were going to launch the drone from the Lookout on the cliff/ridge top above Cara Blanca Pool 7 like they had been done by Gonzalez Cruz in 2018. However, this strategy made it difficult to determine the height of the drone from ground level, and as all the mounds we investigated this season were at ground level rather that at the level of the Lookout, we determined these calculations to be unnecessary, and that launching the drone from the ground was the best course of action. Once I determined the best height to be at 275 m from the ground level, it became clear that we needed a mechanism to take photos at standard intervals at a standard height with enough overlap to be able to stich them together with a photo stitching software.

Drone Deploy is a phone app accessible on any smart phone that is compatible with most drone models and companies, including DJI and the Phantom series, and it has a 14-day free trial. This application also has a stitching software. However, it was beyond the scope of the trial, and I already had a working knowledge of the Agisoft software. This software uses points of commonality between overlapping photos to create a three-dimensional rendering of the desired object or space (Gajski et al. 2016). Therefore, we determined that we could use Drone Deploy to take the photos, which are stored on an SD card inserted into the drone, and Agisoft, which runs without access to wireless internet, to stitch the photos together.

I took photos in five, roughly 45-minute sessions depending on drone battery life, which was affected by things like wind speed, the number of photos needed to cover a particular area, and battery life needed for mound photography. I took photos at a height of 275 m after traveling a horizontal distance of 20 m. Additionally, because Drone Deploy is technically a third-party application and the drone was travelling sometimes over 1000 m away from the starting point, the drone and the application downloaded on my personal iPhone 13 would occasionally lose contact. The drone then would automatically start to return to the launch point until the phone application and the drone reconnected. Despite these challenges, Drone Deploy was a very useful, automated way to take photos at a standardized distance and height to maximize area coverage and overlap enough to stitch them together with accuracy. Over the course of these five sessions, the drone took 998 photos, which I then stitched together in Agisoft to produce Figure 2.5.

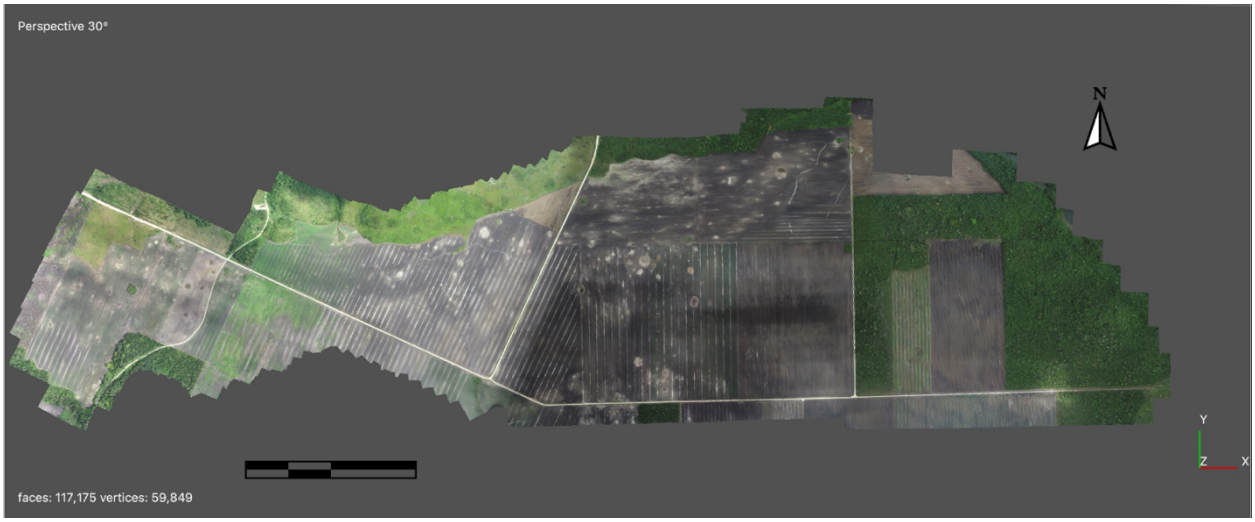

Figure 2.5. Agisoft completed map of 998 drone photographs taken at 275 m above ground level of SPLC research area. Scale is 1 km.

The current map allows for the resolution to be clear at a wider scale as well as a narrower mound-by-mound scale. We needed this level of resolution to balance the ability of gaining as much

information as fast as possible as well as being able to tentatively identify the different mound types from the air. This will allow better excavation planning on our part, as well as being beneficial to the various SPLC farmers/landowners. The widest shot can be seen in Figure 2.5 and the resolution of the mounds can be seen in Figure 2.6.

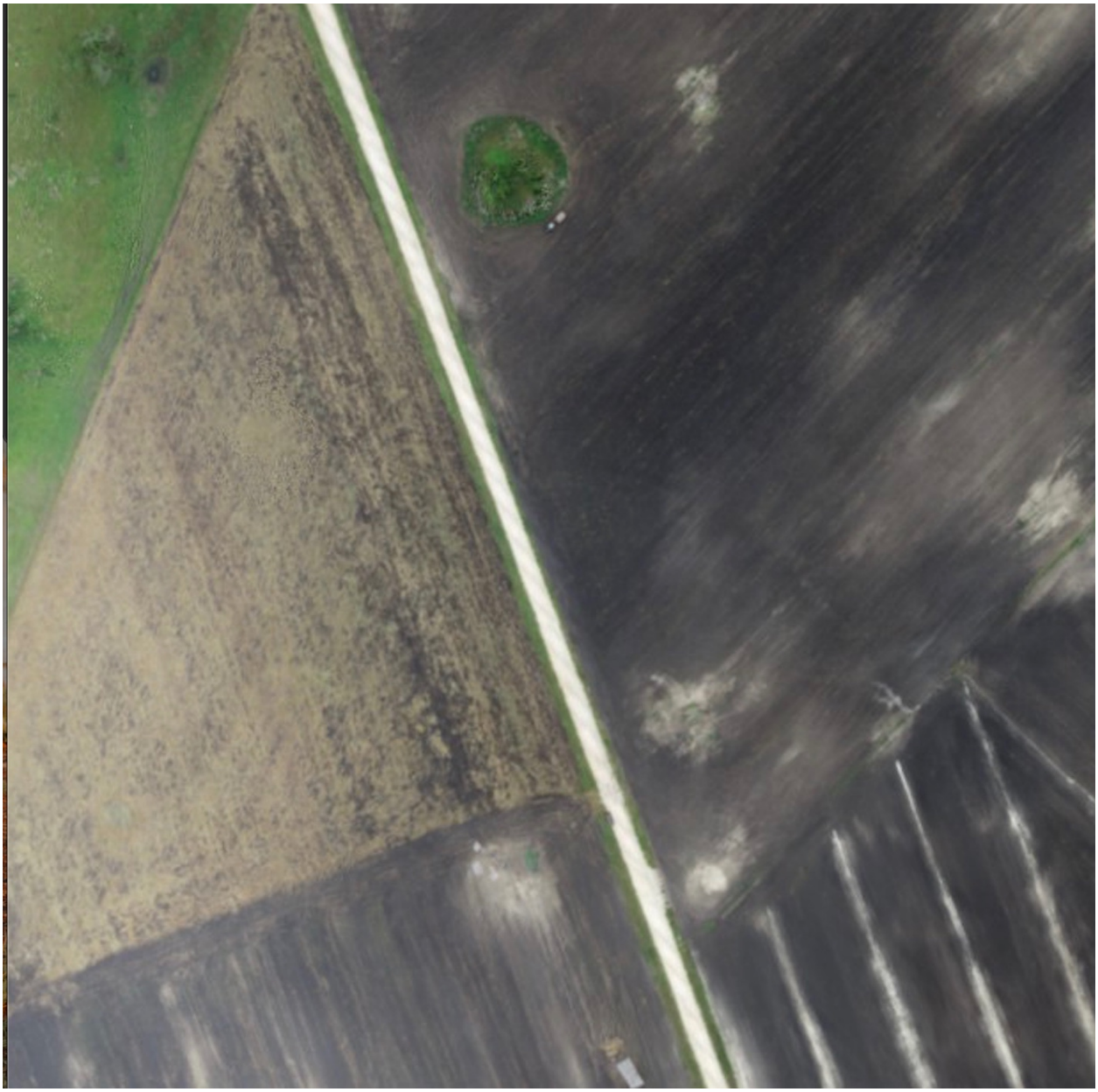

Figure 2.6. Zoomed in photo of the juncture between MF1, MF5, and MF6 where we can see MF1-1, MF1-3, MF1-22 (green mound), and MF5-1 clearly in the image. This was taken directly from stitched map and is not an individual drone photo.

In conclusion, overall, the aerial photography of the mounds served to document the exposed mounds that we were unable to draw due to time constraints. These images are essential to understanding both the excavation limits of each mound, as well as their context amongst the other excavated areas as we are interested in the interaction between these mounds as much as the mounds themselves. Additionally, the drone mapping allowed us to create a more current aerial view of the

whole site area. This will allow us to further analyze the relationship between all excavated and unexcavated mounds as well as let us plan more thoroughly for future salvage operations.

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Chapter 3
Mapping and Site Selection

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The Valley of Peace Archaeology (VOPA) salvage project area is comprised of rural landscapes (c. 300 BCE-1100 CE) (Benson 2017a) between the center of Yalbac on the south and the Cara Blanca pools to the north. Over the past eight years, vast tracts of land with hundreds of ancestral Maya mounds have been exposed due to extensive agricultural plowing. The historical Google Earth map in 2014 shows (Figure 3.1) that all but three fields (MF1 in the northeast, 2 and 3 in the southwest separated by the road) were forested at the time. Comparing this with the aerial map (Figure 3.2) taken by the VOPA team in July 2022 (see chapter 2), we observed that the area from Yalbac to the Cara Blanca pools from southwest to northeast has been cleared with an additional 10 agricultural mound fields (MFs).

Figure 3.1. Google Earth map of the Spanish Lookout Corporation (SPLC) Fields in 2014

Figure 3.2. 2022 aerial image overlaps 2014 Google Earth map of the SPLC MFs

For the 2022 season, our plan was to identify exposed mounds to excavate. We expected to test excavate 15 Maya mounds by four different types determined by size, construction materials, and layout (see Tables 1.1 and 1.2). Site selection was based on the following principles: first, priority should be given to the structures of different types with geographical proximity of the same ancestral community and neighborhood, so that we can better understand how Classic Maya settlement units formed and organized. In addition, by integrating different types of sites in the dimensions of community units, we could examine functional interactions among neighborhood residents. Secondly, all sites should be as close to roads as possible to make them more accessible to crews and equipment to minimize the interference to crops in the fields.

In May 2022, we applied the GPS coordinates of 165 classified mounds collected during the 2014 and 2016 salvage surveys and excavations (Benson 2015, 2017) to the latest 2019 Google landscape map we could assess at the time, confirming the located fields (MF1-7 and Pool 7 MF) through ArcGIS Pro software (Figure 3.3). In the figure, different colored dots represent different types of mounds (as shown in the legend).

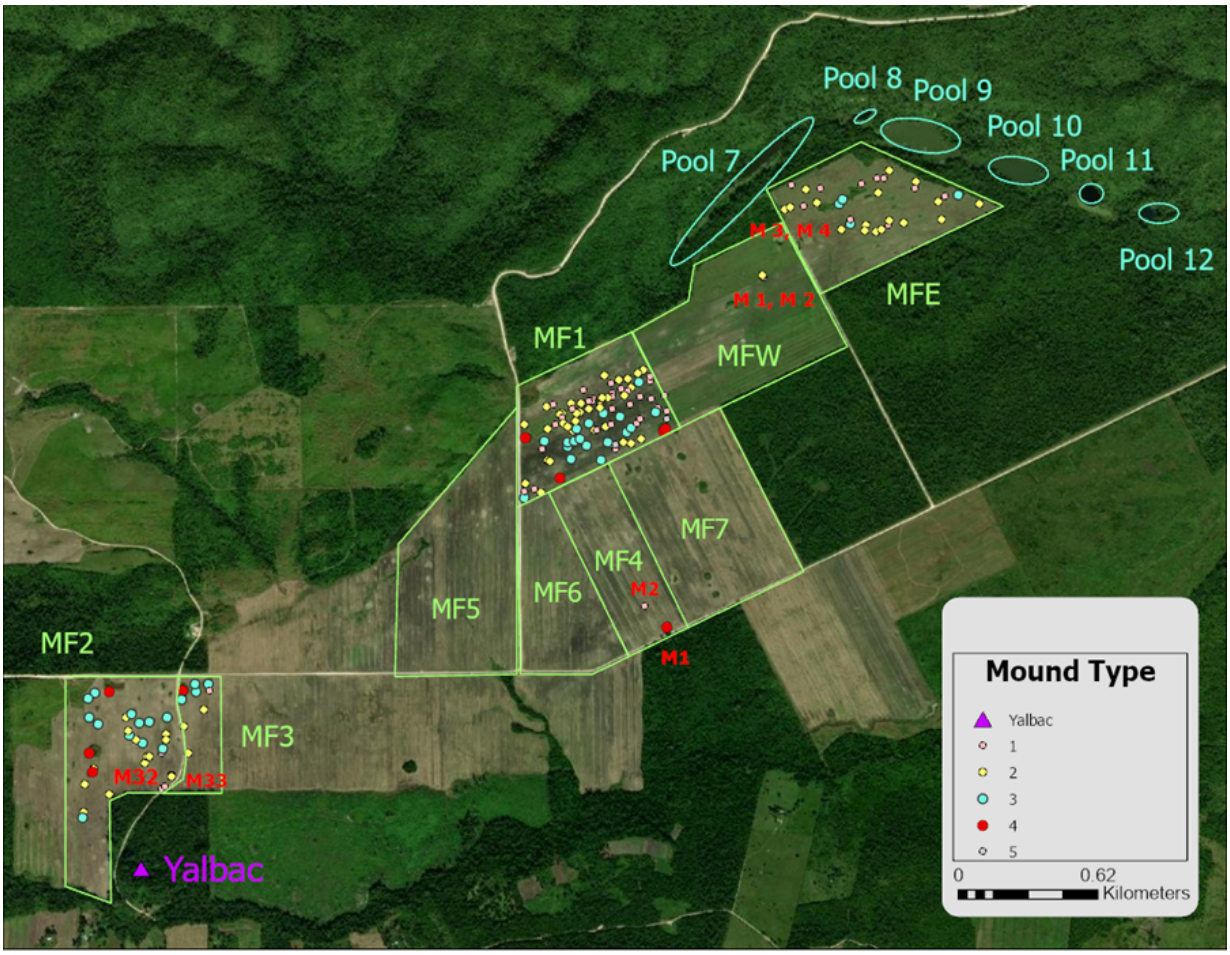

Figure 3.3. Maya sites recorded by survey and excavation in 2014 and 2016. Mounds we excavated in 2016 are demarcated in red.

Finalizing site selections went through several rounds of discussions and considerations from the VOPA team and SPLC landowners. Sites that were ultimately selected are shown in Figure 3.4. Initially, we focused on the neighborhood consisting of MF1, MF4, and MF6 on the northeast side of the road, selecting structures MF1-1 (Type 3), MF1-3 (Type 2), and MF1-4 (Type 1), since they are in clusters close to the road. Meanwhile, we decided MF1-22 would be the only Type 4 platform structure we would test excavate. Although it is preserved from being plowed for the time being and is covered with vegetation, platform edges have been being sheared off by heavy machinery. In addition, we noted two undocumented Type 2 sites, MF1-86 and MF1-92, which were transformed due to plowing.

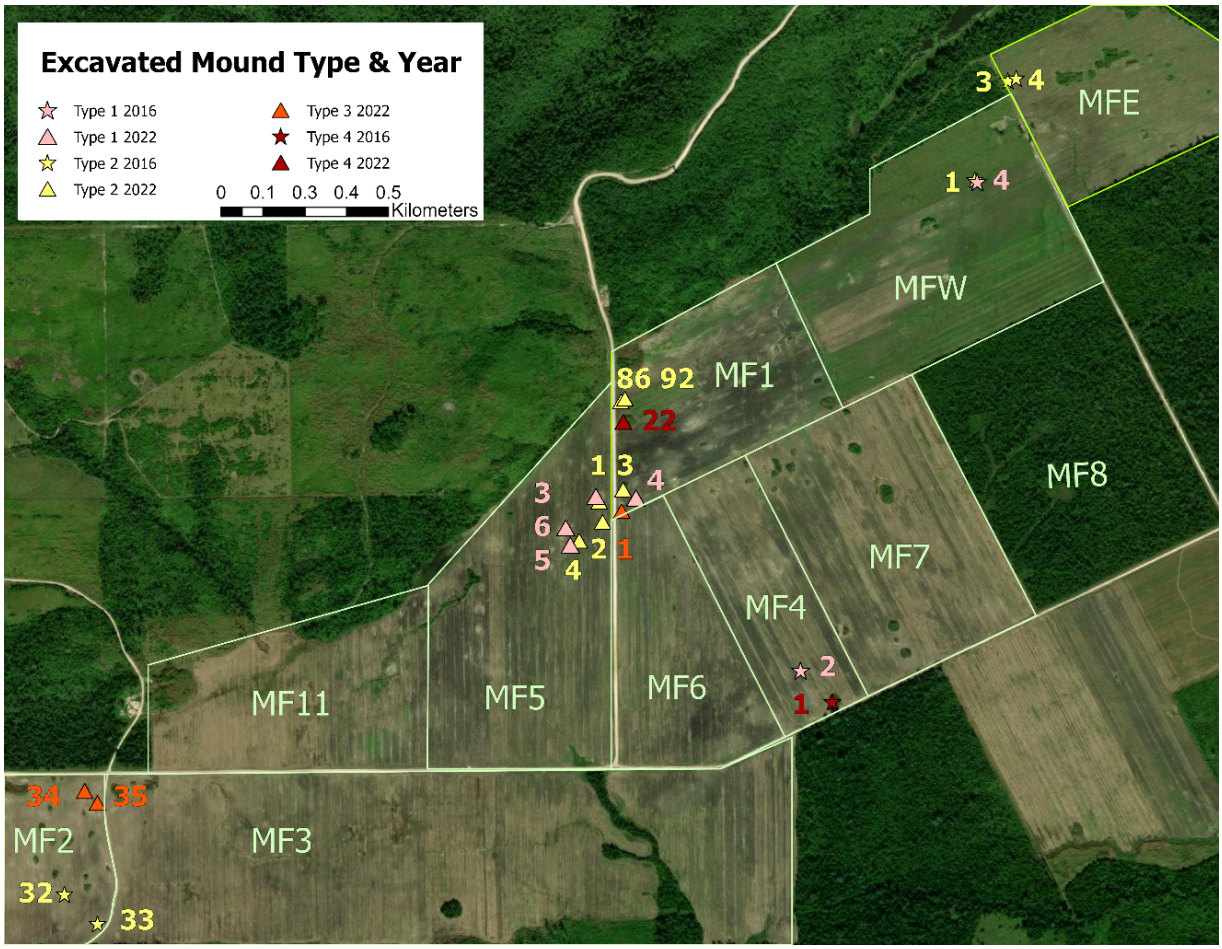

Figure 3.4. Maya sites excavated in 2016 (red) and 2022 (pink).

However, permission to salvage MF6 was denied by the landowner, and we noted that many recorded structures already had been erased since 2014. We were unable to find enough mounds near the road in MF4 and MF7. Thus, we turned our attention to MF5, which is in the northwest and separated from MF1 by road. VOPA crew did not survey this area in 2014. Its notable presence of Maya mounds might comprise part of the same community as MF1. Therefore, while excavating sites in MF1, we gradually surveyed MF5 and classified several sites based on measurements and the amounts of artifacts on the surface: Type 2: MF5-1, MF5-2 and MF5-4; Type 1: MF5-3, MF5-5 and MF5-6.

After the completion of the salvage excavations at MF1 and MF5 in June 2022, there were still three Type 3 sites that we needed to excavate to reach our goal. Since there were no obvious Type 3 mounds in either MF1 or MF5, we decided to head to MF2, where there are several Type 3 mounds near the dirt road have not been plowed that are relatively close to the regional center, Yalbac. We focused on three Type 3 mounds near the stop sign on the northwest side of the all-weather road. We call them 'greentops' because they are all covered with vegetation and have not recently been plowed. MF2-24, the furthest south one, was recorded in 2014. The two north of MF2-34 (furthest north) and MF2-35 were mapped this season. Compared to MF2-24, MF2-34 and MF2-35 abutted large piles of massive flat boulders, which were bulldozed and pushed against these mounds by heavy machinery. Ultimately, we decided to focus on these two mounds with flat boulders piled up against them. The rainy

season, which began in June, started to impact our field work. That and time constraints meant we ended up test excavating 14 of the planned 15 sites.

Based on the GPS data VOPA crew collected in 2014, 2016, and 2022, I used ArcGIS Pro software to process the geographic coordinates of in total 175 traditional Maya mounds on the 2019 Google base map, with the aerial image of this year's salvage areas overlaid after geo-referencing (Figure 3.5). Through this composite map, we can better examine the relationships and interactions among and within neighborhoods on a macro scale and provide a reference for salvage site selection for the 2023 and 2024 field seasons.

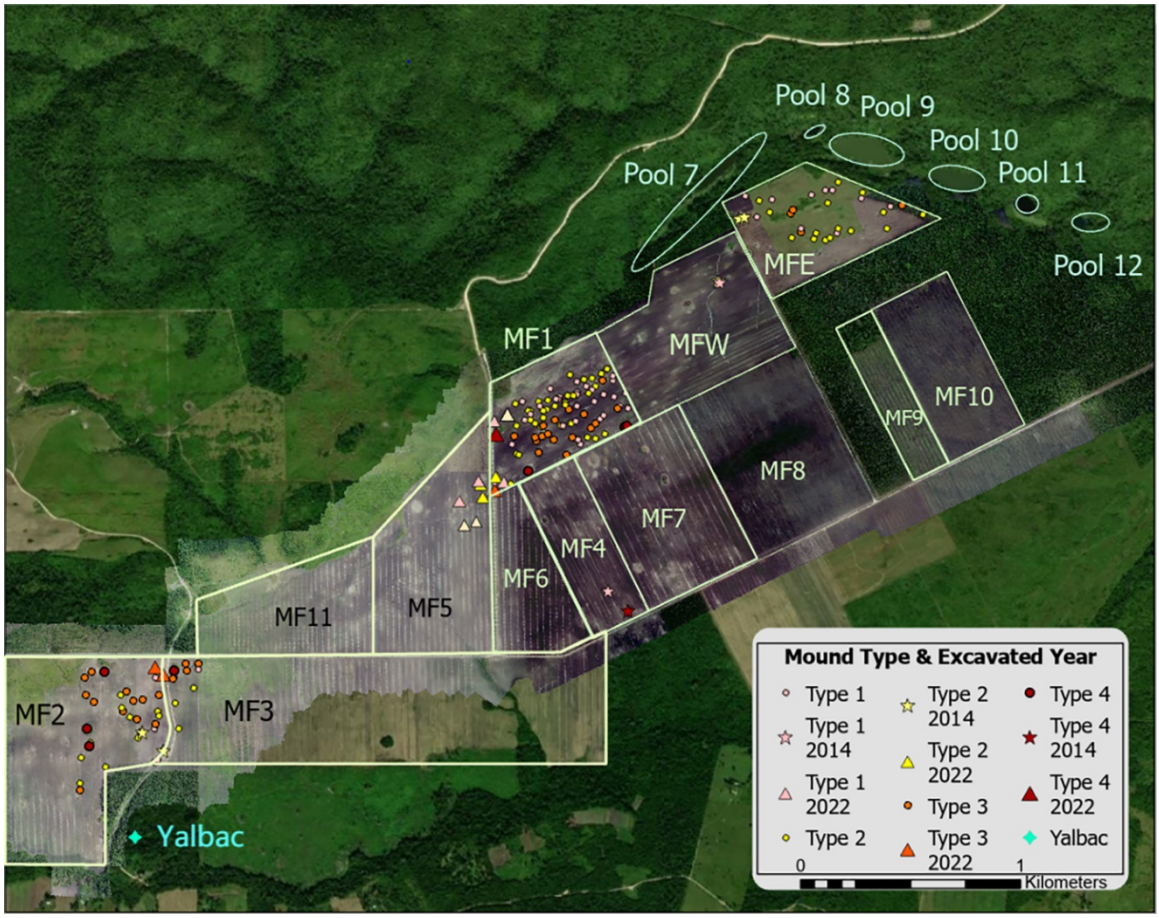

Figure 3.5. 2022 aerial image overlaps 2014 Google Earth map with recorded Maya sites of the SPLC MFs

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Chapter 4
Salvage Excavation Results

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We focused excavations in three mound fields (MF1, MF2, and MF5) due to their proximity to each other and to roads (see Figure 3.4), and because of their diverse mound types (see chapter 1). For all excavated mounds we took GPS readings, mapped it using a 30 m tapes and compass, and determined their height using survey level viewer and collapsible stadia rod. Since we worked in a treeless landscape, the crew built corozo leaf palapas. Before backfilling mounds, we took drone shots of individual mounds and neighborhoods. We backfilled plowed mounds without plastic since farmers will plow them. We only put plastic before backfilling at MF1-22 (Type 4) and MF2-34 and MF2-35 (both Type 3) 'green tops.' Green tops are the mounds or platforms too large to be plowed; we thus expected them to have evidence of more recent occupation since they haven't been plowed.

At each mound we usually excavated two c. 1 m-wide trenches, north-south and east-west through the center of each mound. At first, we screened every 5th bucket using ¼" mesh. While we did find some artifacts, we weren't missing much, so ceased doing so for the sake of time. Subsequently, we only screened burial deposits using ¼" mesh. We collected diagnostic ceramics (rims, flanges, bases, decorated sherds, etc.), obsidian, jade, fauna, and marine shell. We counted and photographed chert flakes and cores, non-diagnostic body sherds and groundstone for grinding maize, after which we placed them in the backfill. We exposed a total of six burials dating to c. 700-900 CE and removed all except Bu. 6 and part of Bu. 5 at MF1-22—a protected Type 4 site that is not in danger of being bulldozed. The earliest ceramics date to the Late Preclassic and Terminal Preclassic periods (Chicanel and Floral Park: 300 BCE to 250 CE) (see chapter 5).

One of the authors, Rachel Taylor, made a good point that the direction of plowing may impact the walls we find intact, especially closer to the surface. The farmers plow in different directions to distinguish their fields from owners abutting some or all sides. Thus, N-S plowing might better preserve N-S walls. Deeper walls would thus be less impacted. And another author, Yifan Wang, made the point that some of the sharp floor edges near the surface may be the result of plowing where foundation stones or walls may have been plowed away. Finally, Cleofo made the excellent point that the collapsed hillsides to the northwest of MF5 might have been quarried by the Maya—they had to get their stone from somewhere.

In this chapter we will describe the mounds excavated in each MF and discuss their implications.

MF1

Surveyed back in 2014, we excavated six mounds from Mound field (MF) 1. These excavations consisted of four Type 2 mounds, one Type 1 mound, and one Type 4 mound (Table 4.1). The original classifications for these mounds can be found in the 2014 field report (Benson 2015), though it is notable that at least one mound from MF1 was delegated to a smaller type than previously documented.

Table 4.1. Mound numbers and types excavated in 2022 in MF1

Mound Number	Mound Type
MF1-1	Type 2 (prev. Type 3)
MF1-3	Type 2
MF1-4	Type 1
MF1-22	Type 4
MF1-86	Type 2 (barely)

MF1-92	Type 2 (barely)

This is likely due to continual plowing. We selected MF1 as our first set of mounds for this salvage operation for a few reasons: the proximity of the mounds to the road and to other fields we were given permission to excavate, and the proximity to a variety of other mound types. The proximity of the mounds also allowed us to run several concurrent salvage excavations (Figure 4.1).

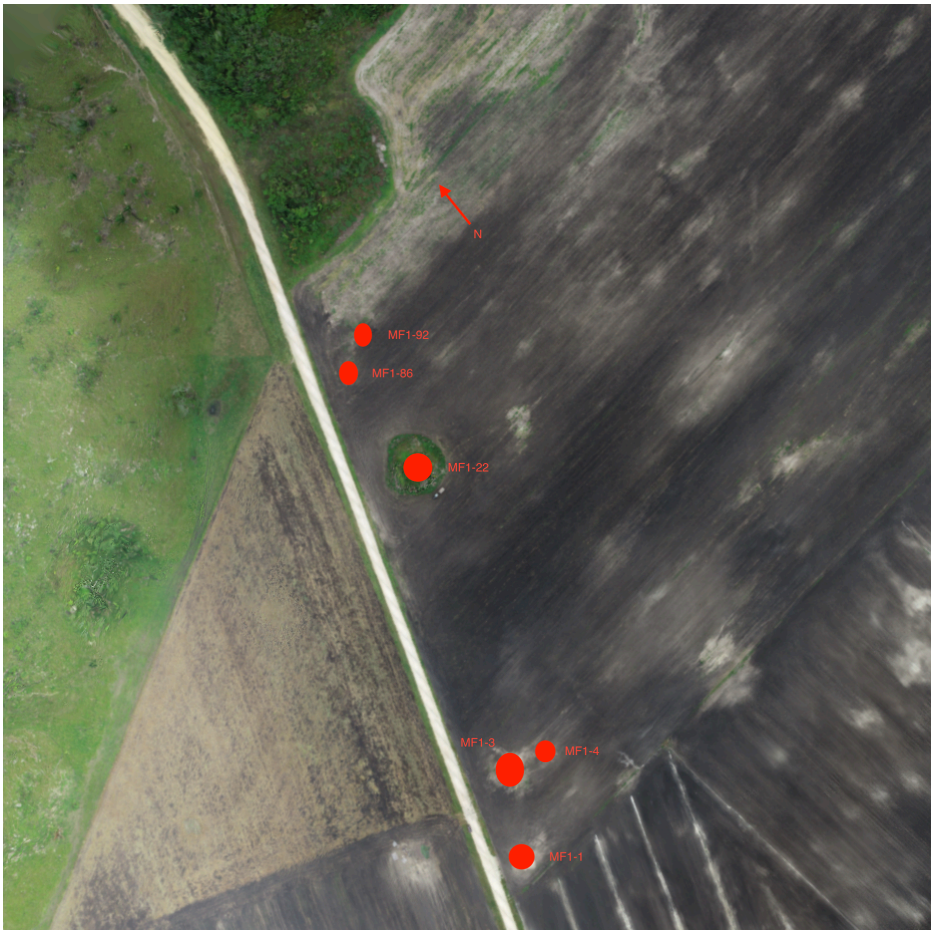

Figure 4.1. Location of MF1 mounds.

The close proximity of the mounds provides the opportunity to analyze them as groups of mounds that likely formed a neighborhood. Future analysis of the material remains from these mounds may provide insights to neighborhood dynamics between different households. Each of the mounds are described below.

MF1-1

MF1-1 (8.2 x 6.81 m, c. 1.46 m high) had been previously classified as a Type 3 mound by Benson (2015), but after remeasuring, we determined that MF1-1 was now a Type 2 mound (Figure 4.2). This was due to continuing agricultural activity (plowing). We began excavations at MF1-1 at the mound's summit, intending to extend the roughly 1 x 1 m test unit into a trench depending on what we uncovered.

Figure 4.2. Drone photo of MF1-1 excavations with 1 m scale, W-E.

Upon finding what appeared to be a floor abutting a flat stone, we extended outwards, hoping to discover the extent of the structure. Ernesto revealed a burnt floor (0.73 m below the surface) with charcoal at 0.69 m below the surface of the mound. Beneath this burnt floor, we found a dark grey soil that appeared similarly to the topsoil of the fields below the mound (10YR2/1). After going deeper into the grey soil that did not have any artifacts within it, we took a closer look at the profile of the current excavation. We had gone through a floor closer to the surface (0.25 m) that was mottled and soft, likely due to the plow. While following this floor, we found two walls, one interior wall that was oriented east/west and the other an exterior wall with a cut and smoothed surface that was oriented north/south. The interior wall sat closer to the center of the mound while the exterior wall sat closer to the east edge of the mound.

Finally, Cleofo exposed a plaster floor that measured to be below the black clay topsoil of the center of the mound (1.38 m below surface). Beneath this floor, the artifacts at first glance appeared to be older than all the other artifacts within the mound (Tables 4.2 and 4.3). Outside of the exterior wall, we came across a series of large boulders, though time constraints did not allow us to excavate beneath them. Ceramic dates range from c. 300 BCE through at least 900 CE.

Table 4.2. MF1-1 artifact and sample information

Context:	Surface	Above floor 2	Above burnt floor	Beneath burnt floor	Above uppermost floor	Above center floor on top of mound	Beneath central floor	Outside exterior wall	Lowest Floor
Materials:									
Diagnostic sherds	32	32	10	4				2	7
Body sherds		149	31	17	58	16	41	41	28

Neck sherds		16	3	11	7	4	10		7
Base sherds						2	3		
Flanges									
Biface		1			1				
Flake	38	2	1		7	2			
Core		1							
Chunks		6				1			
Groundstone									
Obsidian									
Shell									
Fauna									
Human (Bu. #)									
Other		7							
Soil									
Carbon									

Table 4.3. MF1-1 ceramic dates

Barton Ramie Complex	**Ceramic Sphere**
Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

MF1-3

Figure 4.3. Drone photo of MF1-3 with 1 m scale. N on the left

MF1-3 (10.98 x 11 m, c. 1 m high) did not appear to be as well-constructed as MF1-1 (Figure 4.3). Classified as a Type 2 both in 2014 and in 2022, the north and south slopes of the mound were better defined. As opposed to our strategy in MF1-1 starting with just a

rough 1 x 1 m test pit, we decided to start with a 1 m wide trench along the better-defined slopes as to be more likely to run into walls or floors faster in the excavation process to define the structure quickly. In the north end of the trench, we failed to find any definable architecture aside from a grey burnt floor (10YR3/1 and 10YR5/2) and two large boulders beneath it, though in the south side of the trench, we uncovered a wall. In this same trench 0.47 m below the surface, we recovered plastic and glass trash, indicating the how deep the plow went.

While excavating a north/south trench, we also decided to excavate an east/west trench to meet in the mound center. One the east trench, we uncovered a cobble ballast with a soft plaster just above it. This is likely related to the soft plaster floor recovered at the top of the mound, though the plow has shifted the depths of them slightly. In the center of the mound, Cleofo and Marciel uncovered two walls that meet and form a corner.

The fill of this structure appeared to be less uniform than the fill of MF1-1—the cobble fill and boulders all seemed to be of various sizes and the walls and floors that we did uncover were not cut as cleanly as those in MF1-1. Consequently, the stratigraphy here is quite difficult to parse out—floors in multiple points of the structure may be the same, but surface pressure has moved and migrated them to such an extent that they no longer appear level. Walls that may have been connected in the past to each other or other floors are no longer connected and seem to have shifted. The plow spread has also mixed contexts almost to the point of being useless for differentiation between time periods. Plastic and glass discovered at nearly half a meter in depth is cause for serious concern in the strength of our contexts and layers. This of course makes interpreting the mound and its relationship to other mounds even more difficult.

We have done our best to mark contexts that are more secure than others, that is, the center of the mound is likely less mixed than the exteriors marked by plowzone spread (Table 4.4). Despite the potential for mixed contexts here, we can still make a safe determination of the overall time period for the mound, even if we cannot differentiate time period between stratigraphic layers (Table 4.5).

Table 4.4. MF1-3 artifact and sample information

Context:	N Trench	Top of mound above floor	Above 2nd floor	N Side of trench topfill	Top central fill	Top E-W Intra Wall Fill	Top E side floor plow zone	Original mound collapse	Tree hole	Top center lower floor
Materials:										
Diagnostic sherds	23	11	61	10	14	4	10	16		
Body sherds	99		160	11	21	18	42	73	4	6
Neck sherds			60	9	14	3	7	16	1	4
Base sherds								1		
Flanges										
Biface		2		1						
Flake	10	6	4	3		1	6		1	
Core		1								
Chunks	7	3	1	2	1		2			
Groundstone										
Obsidian	2									
Shell										

Fauna										
Human (Bu. #)										
Other	5		2							
Soil										
Carbon										

Table 4.4 Cont.

Context:	N trench above floor	Edge of N trench lower floor fill	Top center lower floor/central in trench beneath higher floor	W trench fill	S of S Wall
Materials:					
Diagnostic sherds	7		2	28	
Body sherds	6	49	2	41	20
Neck sherds	4	13		5	4
Base sherds		4	1	3	
Flanges					
Biface					
Flake		4			
Core					
Chunks		3			
Groundstone					
Obsidian					
Shell					
Fauna					
Human (Bu. #)					
Other					
Soil					
Carbon					

Table 4.5. MF1-3 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

*Terminal Classic present

MF1-4

In contrast to the two previous mounds, MF1-4 (300 BCE to post-700 CE; Table 4.7), a Type 1 mound (2.55 x 2.48 m, c. 0.10 m high), had less identifiable plaster floors and stone walls or features (Figure 4.4). It is located on the northeast side of MF1-1 and slightly east to MF1-3. It is barely perceptible on the surface, though it is distinct from the surround surface level. We started a 1 m wide trench oriented east/west in the center since this distance was shorter than the north/south measurement. The first floor we discovered was very near the surface, with some burnt stone and charcoal, though we could not determine if this was archaeological or modern since it was so near the

surface. In addition to the plaster floor, we recovered a lot of small sherds as well as lithics, some likely related to agricultural practices.

Figure 4.4. Drone photo of MF1-4 with 1 m scale. N is on the left.

On the southeast side of the mound in the middle of this mottled and uneven floor, again likely due to plowing, Mark exposed a circular burned feature, from which we collected a charcoal sample. Underneath we only found a few very small sherds. On the east side of the mound, we uncovered a pebbled area of small cobbled outside of the exposed floor. Digging beneath it did not reveal any additional architecture.

To uncover additional zooarchaeological material as needed by myself (R. Taylor) for my dissertation analysis, we attempted to dig outside of the structure to the west. This was also to see if there was any difference in artifact assemblages based on additional screening. We did not find a demonstrable difference in artifact counts or in faunal remains (Table 4.6).

Table 4.6. MF1-4 artifact and sample information

Context:	Plowzone	Directly above floor in plowzone	Beneath burned spot	E cobble fill	Center below floor	W structure exterior	W interior room	Topfill
Materials:								
Diagnostic sherds	12	13					12	4
Body sherds	122	111	6	40	42	61		20
Neck sherds	12	16		2	9	9		9
Base sherds								
Flanges								
Biface								
Flake	33	15			3	3		
Core	3							

Chunks	14	4						2
Groundstone	1 (hammerstone)	2 (mano fragment)						
Obsidian								
Shell	6 (freshwater)							
Fauna								
Human (Bu. #)								
Other								1 (blade)
Soil								
Carbon			x					

Table 4.7. MF1-4 ceramic dates

Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE

MF1-86 and MF1-92

Both of these mounds were decimated by plowing (Figures 4.5, 4.6, and 4.7). Since neither of them have any identifiable architecture, we discuss them together. Their artifact counts and ceramics dates have separate tables (see Tables 4.8, 4.9, 4.10, and 4.11), but their excavation history and interpretation are largely the same since there is very little to distinguish artifact contexts.

Figure 4.5. Drone photo of MF1-86 with 1 m scale. N on top.

MF1-86 (barely a Type 2 at 5.4 x 5.7 m and 0.79 m high) and MF1-92 (also barely a Type 2 at 5.7 x 7.46 m and c. 0.67 m high) are probably the worst defined mounds and were heavily transformed by

mechanized farming. We decided on north/south trenches for both mounds and expanded very briefly to the east and west in hopes of finding other architecture. We were not successful.

Figure 4.6. Drone photo of MF1-92 with 1 m for scale.

In both mounds, we collected an abundance of ceramics and other artifacts in deeply mixed contexts, but without any defining architectural features. This makes interpretation difficult, though their proximity to the Type 4 MF1-22 and other structures with more clearly defined architecture could suggest that these two mounds may have served as storage or kitchen structures. However, we did not find many faunal remains (a few fragments from MF1-86 and none from MF1-92) or other types of discarded material, so their use is currently unclear.

Figure 4.7. Drone photo of MF1-86 (bottom) and MF1-92 (top) with 1 m scale. N on top

Table 4.8. MF1-86 artifact and sample information

Context:	Plowzone (all trenches)	Upper plowzone	Lower plowzone
Materials:			
Diagnostic sherds		62	5
Body sherds	86	286	1
Neck sherds	38	90	3
Base sherds		5	
Flanges			
Biface			
Flake		3	
Core			
Chunks	8	5	
Groundstone		1 (metate)	
Obsidian			
Shell			
Fauna	4		
Human (Bu. #)			
Other		1 (round stone)	
Soil			
Carbon			

Table 4.9.MF1-86 ceramic dates

Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

Table 4.10. MF1-92 artifact and sample information

Context:	Plowzone (June 10)	Plowzone (June 11)	Lower cobble fill
Materials:			
Diagnostic sherds		26	12
Body sherds	50	41	24
Neck sherds	32	10	7
Base sherds		1	
Flanges			
Biface			
Flake			1
Core			
Chunks	2		1
Groundstone		1 (metate)	2
Obsidian			
Shell			
Fauna			
Human (Bu. #)			

Other			
Soil			
Carbon			

Table 4.11 MF1-92 ceramic dates

Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

MF1-22

This mound is the largest and most complex site we excavated in 2022, unsurprising since it is a Type 4 site—a platform (height, c. 0.57 m) on which the Maya built four structures (Figure 4.8). In the initial phases of excavation, we were only aware of three structures, but after a site visit from Institute of Archaeology archaeologist Josue Ramos, he informed us that there was a smaller fourth structure on the south side that had been bulldozed in the recent past. In addition to placing a center trench perpendicular to their length in each of the four structures (Strs. 1-4), we excavated a 2 x 1 m test unit in the plaza center for chronological purposes. The following discussion will detail each of the four structures individually as well as the plaza test pit, and then we will discuss them all the context with one another.

Figure 4.8. Drone photo of MF1-22, 1 m for scale. N is at bottom

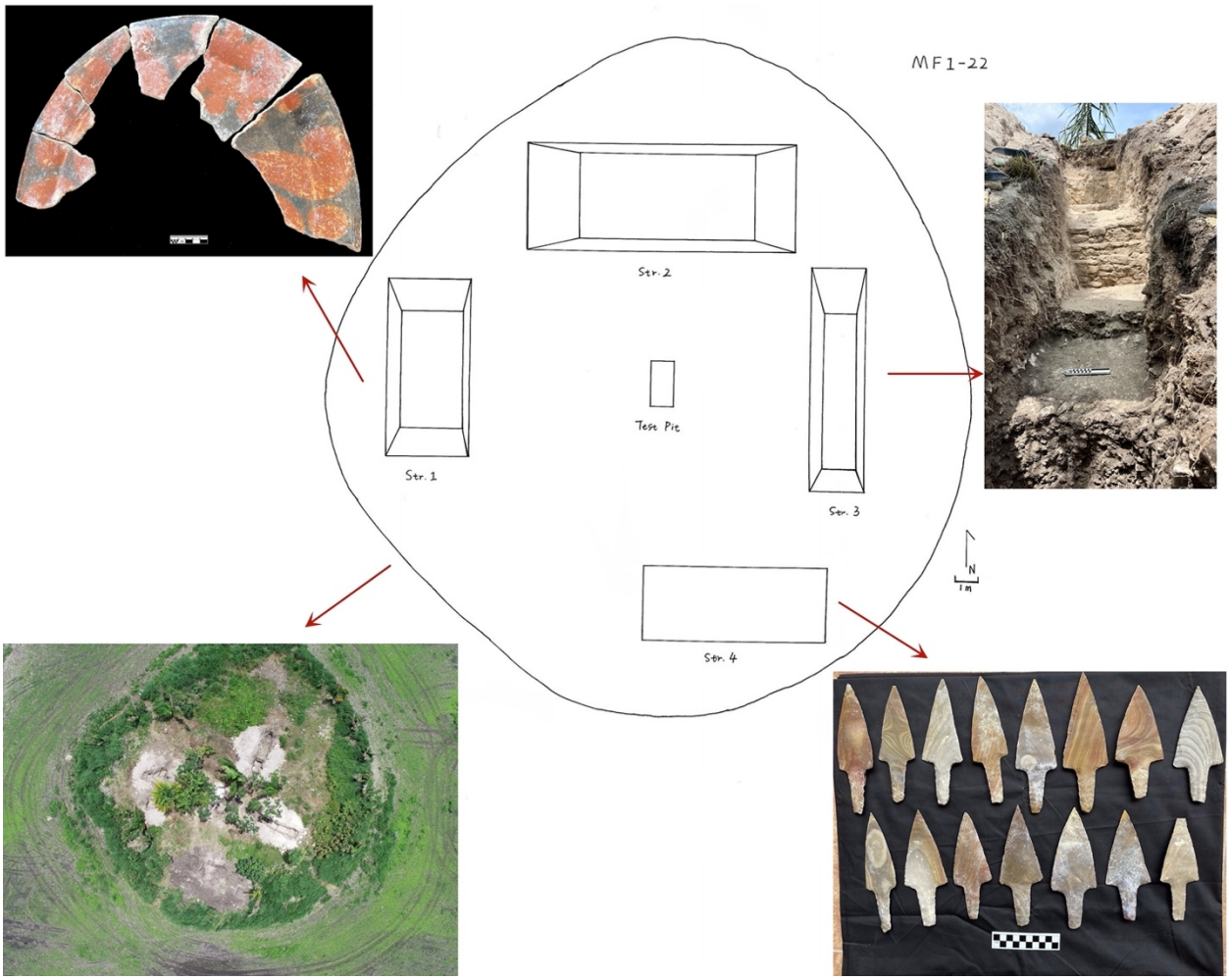

Figure 4.9. MF1-22 and associated features and artifacts.

Str. 1

Figure 4.10. Drone photo of MF1-22 Str. 1 with 1 m scale. N is at top.

Str. 1 (height, 1.16 m) sits on the west side of the platform. The initial trench uncovered a series of large boulders, under which we found a cluster of large red and black sherds identified as Daylight Orange (c. 700-900 CE; Figure

4.10; Tables 4.12 and 4.13). We also uncovered an east-west wall and another abutting it oriented north-south. After further exploration, we realized that this was not the exterior corner of the structure, but rather an outset porch. To the west of the outset in the interior of the structure, we found a plaster floor. This floor did not continue all the way into the structure—instead we discovered a burial (Bu. 5) with what appear to be several fragmentary vessels (see chapter 5).

We excavated a portion of the burial, but as it is not in danger of being plowed or bulldozed, we decided to leave the rest of the remains in situ. We found the orientation of the remains difficult to determine as the matrix was quite loose. It became even more difficult the more we tried to reveal define the remains. The sheer amount of skeletal material suggests either better preservation than the other burials we came across during this season, which would not be surprising as the other burials were found in plowed mounds, or it comprised more than one individual. Further analysis is necessary.

On the exterior of the south outset, we found a large concentration of ceramics (over 300 sherds). This dense concentration of sherds covers a wide range of occupation history, and though the amount of ceramics is notable, we have yet to determine if this deposit is intentional or accidental.

Table 4.12. MF1-22 Str. 1 artifact and sample information

Context:	Collapse Center Trench	Top of Floor 1	Interior structure	South trench exterior	Trench outset corner	Bu. 5
Materials:						
Diagnostic sherds					65	3 different vessels, collected all fragments
Body sherds	114	7	14	122	227	
Neck sherds	25			15	31	
Base sherds					2	
Flanges						
Biface						
Flake				2	3	
Core						
Chunks	9				1	
Groundstone	1 (metate fragment)					
Obsidian						
Shell						
Fauna						
Human (Bu. #)						5
Other	2 (sandy stones)			1 (oddly shaped limestone with holes)		
Soil						
Carbon						

Table 4.13. MF1-22 Str. 1 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE

Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

* Terminal Classic present/ BU. 5 is Spanish Lookout

Str. 2

Str. 2 (height, c. 1.97 m), which lies on the north side of the platform, started its excavation history with very few architectural features, though this changed markedly throughout excavations (Figure 4.11). Stanley exposed a wall that was only cut on the exterior side and the cobbles underneath suggest that the outer wall collapsed at some point in its history (ceramics date from c. 300 BCE through 1000 CE; Tables 4.14 and 4.15).

Figure 4.11. Drone photo of MF1-22 Str. 2 with 1 m scale. N at bottom

At the bottom of this trench, we found an additional wall and a floor (FL 1 0.13 m below platform top) beneath that wall. We uncovered an additional floor (FL 2 0.48 m below platform top) below that. At the trench bottom, we found a third floor (FL 3 1.65 m below platform top), and on the west side of that third floor on the south trench edge, we uncovered what we think to be a plastered bench (1.65 m below platform top). However, due to time constraints and the amount of material that we needed to take out to find the extent of the bench, we elected to leave the boundary unexplored. We found a floor (FL 4) beneath the bench and a wall immediately above the bench that had a portion of it missing.

Table 4.14. MF1-22 Str. 2 artifact and sample information

Context:	Trench Topsoil	Trench Bottom Floor 1	Trench top & middle collapse fill & terrace wall mixed	Trench top, collapse fill	Bench exploration	Above FL 3
Materials:						

Diagnostic sherds	63	7	20	8		1
Body sherds	101	13	58	24	44	4
Neck sherds	36	2	23	3	12	
Base sherds	19		2			
Flanges	7					
Biface	2					
Flake	5		5	1	2	1
Core	1 (firecracked)					
Chunks	4	1	4	2		
Groundstone				1 (metate)		
Obsidian						
Shell						
Fauna						
Human (Bu. #)						
Other					1 (slate like stone)	1 (blade)
Soil						
Carbon						

Table 4.15. MF1-22 Str. 2 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

*Terminal Classic present

Str. 3

Str. 3 (height, c. 2.14 m) sits on the east side of the platform and is the tallest and best constructed (Figure 4.12). Its eastern edge is aligned with the platform's eastern edge and is the steepest of the four structures. Once we started excavating, the matrix became white relatively quickly. On west edge of the east/west trench, we recovered some bone fragments, which may be either faunal or human, but as we did not want to extend the trench wall, we stopped excavations moving west and instead focused east to define the architecture (Table 4.16). At minimum, we uncovered four plaster floors, as well as several walls of uniform cut stone. Part of FL 1 appears to have been burned at some point in its history (Table 4.17). At the base of the west trench, we uncovered what is likely the plaza floor based on the depth.

Figure 4.12. Drone photo of MF1-22 Str. 3 with 1 m scale. N at bottom

This structure was the best constructed and therefore the easiest to determine its construction history. The Maya constructed the walls of uniform cut stone blocks and solid and clearly identifiable plaster floors. These features show a different level of intention or function in constructing this building compared to others on the platform. It is possible this structure was not a residence, but rather some sort of ritual structure—perhaps even a family shrine. However, there was nothing significantly different in the artifact concentrations within this structure in comparison to the others.

Table 4.16. MF1.22 Str. 3 artifact and sample information

Context:	Trench bottom W edge	Trench top & middle (E & central)	Trench top on FL 1	Top of FL 3	Top of FL 4	W trench & beneath FL 4	Directly under FL 4	Above plaza floor
Materials:								
Diagnostic sherds	23	3	1					9
Body sherds	11	11		3	56	25	5	30
Neck sherds	8	3		3	15	3		3
Base sherds	1							
Flanges								
Biface								
Flake	3	4				3		3
Core								
Chunks	3	3		3				3
Groundstone	1 (mano)	1 (mano)						
Obsidian								
Shell	2 (marine)							
Fauna		present						

Human (Bu. #)								
Other					3 (sandy stones)		3 (sandy stones)	
Soil								
Carbon								

Table 4.17. MF1-22 Str. 3 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

*Terminal Classic present

Str. 4

Figure 4.13. Drone photo of MF1-22 Str. 4 with 1 m scale. N to the left

Str. 4 (height, 0.59 m) sits on the south side of the platform, and while barely perceptible on the surface, yielded the most unique deposits (Figure 4.13). Josue Ramos informed us that a bulldozer

breached the platform summit and likely did the most damage on this structure. It may have been a low-sitting building anyway. On the north side we uncovered Bu. 6, which we ultimately decided to leave in situ for similar reasons to Bu. 5, though we did extract a few bone samples for isotopic analysis as well as some associated ceramic sherds. Additionally, we recovered fifteen stemmed macroblades stacked on top of one another that essentially fell out of the south wall while excavating (Table 4.18) (see Figure 4.9). All are of the same size and shape. They also show no use wear and are made with fine-grained chert; the Maya likely manufactured them specifically for caching. They did not appear to be associated with the burial, but we did find some fragmented faunal remains near the stemmed macroblades. They appeared to be of a large mammal, likely deer. Ceramics date from 300 BCE through 650 CE (Table 4.19); given the fact that it was bulldozed, later materials clearly were bulldozed off mound somewhere.

Once we completed the excavations related to Bu. 6 and the stemmed microblade deposit, we continued to explore the surface to find the extent of the structure's walls. The structure turned out to be larger than we originally though, at least along the east/west lines, so we cleaned and remeasured the structure.

Table 4.18. MF1-22 Str. 4 artifact and sample information

Context:	N Trench	Bu. 6	Structure interior	Exterior Wall clean	Topsoil/Wall clean up
Materials:					
Diagnostic sherds		3			
Body sherds	53	2	37	15	92
Neck sherds	14		13	5	20
Base sherds					
Flanges		1			
Biface					
Flake				2	
Core					
Chunks			1		
Groundstone				2 (metate fragments)	
Obsidian					
Shell					
Fauna					
Human (Bu. #)		6			
Other			2 (sandy stones)		1 (handle or hook of some sort)
Soil					
Carbon					

Table 4.19. MF1-22 Str. 4 ceramic dates

Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

Plaza Test Pit

Finally, we excavated a 1 x 2 m test pit in the center of the MF1-22 plaza (Figure 4.14). The first floor we encountered was deeper than expected, suggesting that the bulldozer may have removed the most recent floor(s) and fills. Because this floor was so deep (c. 65 cm below surface), we decided to continue excavating a 1 x 1 m unit (north side) so we had some means of getting out of the test pit. Under the initial floor discovered, we found another floor 1.13 m below surface that had three replastering events in close sequence and with no fill between them (i.e., four floors starting at c. 1.13 m below surface). After the fourth replastering, we came upon a cobble fill with few artifacts and then what appeared to be topsoil c. 1.5 m below. After excavating into this 'topsoil' 15 cm without finding artifacts, we closed the plaza unit (Table 4.20). The total depth of the plaza test pit was at 1.65 m below surface with ceramic dates ranging from c. 300 BCE to 900 CE (Table 4.21).

Figure 4.14. Drone photo of MF1-22 Plaza Test Pit with 1 m scale. N at top.

Table 4.20. MF1-22 Plaza Test Pit artifact and sample information

Context:	Topfill	Plaza FL 1	Top of Floor 2	Below Floor 3
Materials:				
Diagnostic sherds	37			
Body sherds	100	37	26	3 (collected all)
Neck sherds	27	1	6	
Base sherds	4			
Flanges				
Biface	1			

Flake	2			
Core				
Chunks	3 (1 firecracked)	13		
Groundstone	1 (*metate* fragment)			
Obsidian				
Shell				
Fauna				
Human (Bu. #)				
Other				
Soil				
Carbon				

Table 4.21. MF1-22 Plaza Test Pit ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Barton Creek	Chicanel-300 BCE-100/150 CE

The diversity in the construction of not only the four structures of MF1-22, but the other MF1 mounds, suggest that despite their geographic proximity, each of these households had differential access to or different preferences of construction materials, and different experiences in design and construction. The lack of uniformity across these structures paints a dynamic portrait of different lives near both the pilgrimage destination of Cara Blanca and the urban center of Yalbac.

MF5

Separated from MF1 to the west by a 3-meter-wide dirt road is MF5 (Figure 4.15). We excavated six mounds (three Type 1 and three Type 2) and four burials. The mounds in this area have been heavily plowed, removing the most recent/upper architectural features. White smears in Figure 4.15 are Maya mounds and the lines are plow scars. According to Google Earth, MF5 was still forested until 2017 (see chapter 3). MF5 mounds have not been mapped or classified in previous seasons, so we do not know their original dimensions and classification. However, on the 2019 Google Map, several mounds that no longer exist in 2022 appear to be Type 3. The soil of MF5 is black and clayey with poor drainage compared to the other fields.

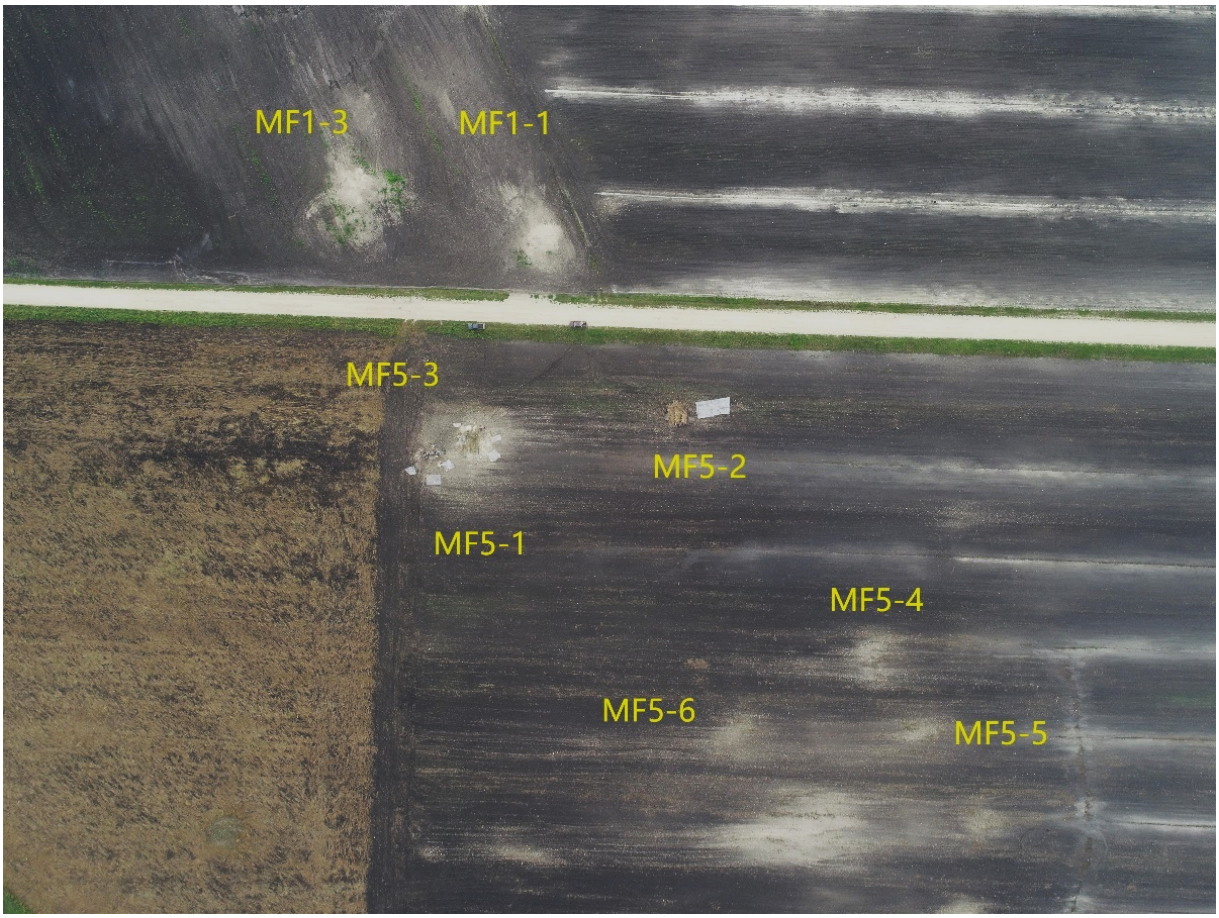

Figure 4.15. MF1 and MF5 neighborhoods. N is to the left.

MF5-1

MF5-1 (c. 8.35 x 10 m, .99 m high) is a Type 2 mound dating from c. 300 BCE to 900 CE (Table 4.22) and is located at the east edge of MF5 close to MF1 across the road other MF5 mounds. We excavated two trenches (N-S and E-W) to expose structure layout. It was exquisitely built with several well-made plaster floors and straight-cut stone, which could be an interior wall. The 'squircle' shape distinguished this structure (Figure 4.16), whose exterior edges were cut and rounded. On the west side, we revealed two walls made of boulders separating an additional external 'room' with limestone cement (with ceramics) and steps constructed of a row of three boulders oriented north-south (Figure 4.17). We found a noticeable number of embedded sherds in this west external space (Table 4.23). In addition, we collected several human skeletal fragments in the west interior wall but did not find additional remains below after we expanded that area. Ceramics in the west trench were attached with heavy yellow-white plaster sediments (Figure 4.18), which might relate to this architecture's particular function.

The central room appears to be empty of features and is covered by c. 4 x 4 m plaster floor rebuilt several times (Figure 4.19), with only a few artifacts (small sherds and chert chunks) in the thick fill (Figure 4.20). The floors are consistent and mostly plaster, suggesting a certain level of wealth that we have not seen in any other households yet. We did two central test pits to find the bottom, and artifacts yielded as we went deeper. On the south side, the Maya added two cobble walls orienting c. 75° to make the south corner more circular (Figure 4.21) and included ceramics and lithics, including half of a hematite disk with a drilled center hole. On the north edge, a gibnut-sized animal bone was found.

It is worth noting the consistency of soil from MF5-1. Soil color remained pale brown (10YR6/3) throughout, including plaster floors, cobble fills, wall profiles, and the east edge (10YR7/3). Also, the soil is clean and loose—quite different from the black, MF5 clayey soil. Based on its clean central room, relatively few artifacts, unique circular/squircle shape, and pure yellow fill, we posit that MF5-1 served not as a typical residence but as a public community center for ceremonies and other neighborhood events. The Maya likely used the west room with the most artifacts as storage for ceremonial paraphernalia.

Table 4.22. MF5-1 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE

Figure 4.16. Drone photo of MF5-1 with 1 m scale. N on top.

Figure 4.17. MF5-1 west interior room

Figure 4.18. MF5-1 west ceramic cluster with plaster cement

Figure 4.19. MF5-1 top plaster floor, looking N

Figure 4.20. MF5-1 southwest top mound lower floor fill, looking N. Ernesto and Stanley are excavating

Figure 4.21. MF5-1 south corner formed by two cobble walls, facing N

Table 4.23. MF5-1 artifact and sample information

Context:	W trench edge exploration	W trench plow zone	SW Top Fill	SW mound Lower Floor	W room interior
Materials:					
Diagnostic sherds	13	25		1	
Body sherds	83	98	8	1	11
Neck sherds	15	14		1	7
Base sherds		3			
Flanges					
Biface					
Flake	4			1	
Core	2				
Chunks	5	2		2	
Groundstone					
Obsidian					
Shell					
Fauna					
Human (Bu. #)					yes
Other					
Soil					
Carbon					

Table 4.23, cont.

Context:	Mound center lower floor	N edge, N trench	W wall cleanup	S lower FL	Top center unit below lower plaster floor	Surface
Materials:						
Diagnostic sherds		3	3	4	15	2
Body sherds	7	3	7	10	7	
Neck sherds			1	1	3	
Base sherds				1		
Flanges						
Biface					1	
Flake					2	
Core						
Chunks			1			
Groundstone						
Obsidian						1
Shell				1		
Fauna		4				
Human (Bu. #)						
Other						
Soil						
Carbon						

MF5-2

Figure 4.22. Drone photo MF5-2 with 1 m scale. N at bottom

MF5-2 (c. 5.64 x 4.25 m, 0.7 m high) is a Type 2 mound located on the south of MF5-1. It was first classified in 2014; however, due to plowing, it was reduced in size and structure complexity, making it barely recognizable as Type 2 in 2022 (Figure 4.22). For this reason, we put an E-W trench and did not find walls or plaster floors, even c. 50 cm deep, despite using the same trenching techniques as the other structures. What we did reveal was mixed cobble fills—though an outline of the structure is more clear or obvious is Figure 4.22. But we did recover a noticeable number of artifacts (Table 4.24), including diagnostic ceramics that range from c. 300 BCE to 700 CE (Table 4.25), lithic tools (e.g., a jade ax—Figure 4.23—chert hammerstones, bifaces, chert chunks, and flakes), and processed mineral (a chalcedony or alabaster fragment). Various

kinds of sherds and lithics suggest the residential and agricultural natures of this architecture. Considering its proximity to the unique community ceremonial center of MF5-1, MF5-2 could be where the Maya residents placed some of the ritual offerings. But since most of the structural units had been disrupted, we can't infer much about MF5-2 in this neighborhood.

Figure 4.23. Jade axe from MF5-2 plow zone

Table 4.24. MF5-2 artifact and sample information

Context:	Plow zone	Center bottom
Materials:		
Diagnostic sherds	53	7
Body sherds	142	16
Neck sherds	51	4
Base sherds	3	
Flanges		
Biface	2 (1 jade axe)	
Flake	8	
Core		
Chunks	1 (Colha chert chunk)	
Groundstone	1 (Hammerstone)	
Obsidian		
Shell		
Fauna		
Human (Bu. #)		
Other	Hematite disc, Chalcedony or alabaster fragment	
Soil		
Carbon		

Table 4.25. MF5-2 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE
Tiger Run	Tepeu 1-600/650-700 CE

Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE

MF5-3

To the north of MF5-1 c. 3.5 m distant is MF5-3 (c. 2.84 x 3.06 m, .20 m high), a Type 1 mound dating from c. 300 BCE to 900 CE (Table 4.26). Given its small size and proximity to MF5-1 (Figure 4.24), we posit that MF5-3 did not serve as a residence but rather an auxiliary structure for MF5-1. However, there was a noticeable number of artifacts on and near the surface (Table 4.27). The top non-plastered floor was compact and difficult to excavate, which may be the result of heavy agricultural machinery. Therefore, we put three test pits from north to south to try to reveal any architectural features. After removing the topsoil, which contained large amounts of household items and agricultural implements (e.g., ceramics, *manos* and *metates* fragments, bifaces, etc.), we exposed two burials, Bu. 1 in the south and Bu. 2 to the north, dating to 700-900/1000 CE.

Figure 4.24 Drone phot of MF5-1 (south) and MF5-3 (north)

In Bu. 1 at the south test pit, we recovered a ceramic cluster (Figure 4.25) with two partial inverted ceramic bowls, one a Rubber Camp Brown (Figure 4.26) and the other a Garbutt Creek Red (Figure 4.27), pebbles, and freshwater shells. Beneath the cluster and large stones, we revealed skeletal remains oriented c. 20° (Figure 4.28). Exposed to plowing, the remains close to the surface were fragile and poorly preserved with barely identifiable parts. As we do with all burials, we used bamboo sticks and brushes to excavate the burial. Based on the general layout of the human remains, we think the individual of Bu. 1 was a flexed adult. The soil color of Bu. 1 is 10YR5/1 gray white.

In the north test pit, we recovered several boulders with a noticeable amount of artifacts including ceramics, lithics (obsidians, flakes, and chunks), and freshwater and marine shells. After removing several boulders in the north, we came upon a human tooth and several long bones (Figure 4.29) (Bu. 2), followed by several obsidian blades and a chert hoe (Figure 4.30). However, we did not

find additional human remains when we expanded excavations. The Munsell color of Bu. 2 is 10YR4/1 dark gray. Considering that the burials were at risk of additional plowing, we decided to collect as many exposed human bones as possible. We screened using ¼" mesh and expanded the bottom of both burials to ensure they were thoroughly cleaned.

Figure 4.25. Ceramic cluster above large stone from Bu. 1

Figure 4.26. Rubber Camp Brown bowl from Bu.1 ceramic cluster

Figure 4.27. Garbutt Creek Red bowl from Bu.1 ceramic cluster

Figure 4.28. Bu.1 after removing ceramic cluster

Figure 4.29. Bu. 2 after removing the large stone; arrow points to human remains

Figure 4.30. Chert hoe from Bu. 2

Table 4.26. MF5-3 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE

*Bu. 1 and Bu. 2 are Spanish Lookout

Table 4.27. MF5-3 artifact and sample information

Context:	N trench above floor	Top of compact surface	Below compact surface	Above Bu. 1	Bu.1
Materials:					
Diagnostic sherds	7	27	31	69	19
Body sherds		63	135	147	108
Neck sherds		15	19	16	8
Base sherds					
Flanges					
Biface					
Flake		6	2	2	3
Core					
Chunks			1		2
Groundstone		5			
Obsidian					1
Shell					
Fauna					
Human (Bu. #)					Yes
Other		2 sandy stones	1 sandy stone		Orange vessel, black vessel
Soil					
Carbon					

Table 4.27., cont.

Context:	Above N large stone	Below N large stone	Plow zone above Bu. 2	Above Bu. 2 N unit	Bu. 2
Materials:					
Diagnostic sherds	13	2	26	11	14
Body sherds	68	17	67	55	46
Neck sherds	15	2	22	15	9
Base sherds			4		
Flanges					
Biface					1
Flake	1		4		2
Core					
Chunks	2		4		
Groundstone					
Obsidian		1	1	1	1
Shell		1	1[a]	1[a], 3[b]	
Fauna					
Human (Bu. #)					Yes
Other					
Soil					
Carbon					

a: marine shell; b: freshwater shell

MF5-4

Located south of MF5-1 and MF5-2, MF5-4 (c. 6.1 x 7 m, .5 m high) is another barely Type 2 mound due to plowing, whose current height barely met the minimum Type 2 standard (.5-1.5 m tall).

As shown in Figure 4.31, MF5-4 consists of a series of well-made plaster floors (the uppermost one was c. 5 cm thick) with linear exterior cobblestone walls including a double wall (or a narrow porch), also dating from c. 300 BCE to 700 CE (Table 4.28). However, MF5-4 has been altered by plowing: the original mound center was shifted west over a meter based on the layout and orientation of the plaster floor. Also, the exterior walls may have been shifted or damaged.

In the north trench, some boulders and cobbles appeared in a possible linear formation. We found two bone fragments near the stones, possibly human. After removing the floor, we came upon a cobble ballast, but no more human remains were recovered. On the south edge of the mound, we found several sherds from a highly eroded Portia Gouged Incised vessel (Figure 4.32) (similar to Ahk'utu' molded-carved) with a human figure that mimics fine orange molded-carved ceramics from the Terminal Classic in the Petén (Ting 2018), as well as several marine shells. Based on the assemblage of artifacts, there might be a cache in the south corner.

Many artifacts, including ceramics and lithic tools, were recovered from the west wall exploration plow zone, where might be the original mound center (Table 4.29). In addition, several noticeable stones (sandy stones, crystalized stones, and cobble groundstone) recovered in this context may suggest their nonlocal sources, likely from a cave system.

While excavating below the top center lower plow fill and finding a green jade bead, we came upon a pale gray (10YR3/2) plaster floor through which the Maya had cut a circular hole to place a deceased individual (Bu. 3) that would have originally been in the center of the structure (plow shifting resulted in Bu. 3's current location on the east side). Unlike the other burials, Bu. 3 was articulated and in good condition with few burial goods. This individual was placed on their left side, curled up with the right side of the body facing up, that is, a flexed burial (Figure 4.33). The individual's hands appear to be tied behind their back. Due to time constraints, we only collected the exposed bones of the left side (tibia, femur, fibula radius, ulna, and humerus) and a few teeth rather than expanding excavations. We also collected two bags of screened soils from Bu. 3 for future paleobotanical and paleoenvironmental analysis. The soil under Bu. 3 looks like plaster with a pink tinge (10YR8/3). Based on diagnostic ceramics, Bu. 3 dates from c. 700 to 900/1000 CE.

The artifacts (cooking and serving vessels, agricultural groundstone, and ceremonial objects) suggest that MF5-4 served as a residence or farmstead.

Figure 4.31. Drone photo of MF5-4 with 1 m scale. N on the right

Figure 4.32. Portia Gouged Incised vessel from S trench plow zone in MF5-4

Figure 4.33. MF5-4 Bu. 3

Table 4.28. MF5-4 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Mt. Hope/Floral Park	Floral Park-100/150-250+ CE
Barton Creek	Chicanel-300 BCE-100/150 CE

* BU. 3 is Spanish Lookout

Table 4.29. MF5-4 artifact and sample information

Context:	All trench plow zone	Below top floor	Top center unit below floor	Upper plow zone	W trench plow zone clean	S trench plow zone
Materials:						
Diagnostic sherds	33	9	5	16	16	16
Body sherds	69	18	16	56	15	11
Neck sherds	28	4	4	16	7	8
Base sherds	2			1		1
Flanges						
Biface	3					
Flake	6	2	3	7	1	1
Core			1			
Chunks	7			2		2
Groundstone			1 mano			3 (1 mano)
Obsidian					1	
Shell						1 marine
Fauna						
Human (Bu. #)						
Other	2 sandy stones				1 limestone pebble	
Soil						
Carbon						

Table 4.29., cont.

Context:	Under topmost floor	Bu. 3	Wall exploration plow zone	Center above Bu. 3	Plow zone	50 cm above Bu. 3 fill	S trench S of plaster floor plow zone
Materials:							
Diagnostic sherds			9		28	1**	2 rims
Body sherds			33				
Neck sherds			4				
Base sherds			1				
Flanges							
Biface							
Flake							
Core							
Chunks							
Groundstone							1 mano
Obsidian					1		

Shell							
Fauna							
Human (Bu. #)	yes	Yes		Yes			
Other			2 sandy stone, 2 crystalized stones, 5 notable rocks				1 small cobble pestle/grinder
Soil		2*					
Carbon							

*Soil samples for radiocarbon dating and paleo environment analysis
** Slipped plate rim

MF5-5

MF5-5 (c. 4.97 x 4.58 m, .05 m high) is a Type 1 mound near MF5-4, dating from c. 300 BCE to 700 CE (Table 4.30). It was pretty rocky, with pebble and cobble fills and many domestic ceramic sherds and agricultural tools, indicating that farmers lived here (i.e., farmstead) (Table 4.31). Plowing sheared off the south part based on the different soil texture and much lighter (pale gray) than the north (light brownish gray 10YR6/3). Thus, we decided to put a N-S trench on the west side of the unit and another test pit in the center (Figure 4.34). In contrast to the south where we barely revealed any architectural features but did find artifacts, we exposed a well-made plaster floor at a considerable depth in the north edge of the trench, with two thin layers underneath. We were concerned that we might have missed a few more structures above the top floor due to plowing. After removing the top floor, we came upon a ceramic concentration on the northwest side of the unit (Figure 4.35). In the north floor profile, we also found a few fragments of large mammal bones, possibly deer.

Figure 4.34. Drone photo of MF5-5. N is at bottom.

The Maya cut a circular hole in the plaster floor and placed an adult person (Bu. 4) beneath the cobble fill above the third floor in the mound center. Diagnostic ceramics date Bu. 4 from c. 700 to 900/1000 CE. The skeleton is oriented c. 300° with the skull to the south. The individual is in a flexed position on their back with their legs curling up on the upper body (Figure

4.36). We collected the humerus, left and right radius, ulna, and pelvis. Due to its poor preservation, the remainder of the skeleton was too fragile to remove. Although we excavated deeper near the skull and screened the soil, no teeth were found. We think the ceramic concentration was associated with Bu. 4 but was displaced by plowing.

Figure 4.35. Ceramic assemblages in the north of MF5-4

Figure 4.36. MF5-4 Bu. 4

Table 4.30. MF5-5 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Barton Creek	Chicanel-300 BCE-100/150 CE

Table 4.31. MF5-5 artifact and sample information

Context:	Above lower floor	Plow zone N-S trench	W plow zone	Cobble fill	N between 2 & 3 floors	Between 1 & 2 floors
Materials:						
Diagnostic sherds	7	30	16	52	9	22
Body sherds	35	78	56	106	19	73
Neck sherds	2	39	28	34	8	30
Base sherds				3	1	1
Flanges						
Biface		1				
Flake		2				
Core						
Chunks	1		4			
Groundstone						
Obsidian						
Shell						
Fauna					yes	
Human (Bu. #)						
Other				1		3 stones
Soil						
Carbon	1					

Table 4.31, cont.

Context:	Between middle & lower floor	Plow zone	N trench below cobble	Bu. 4	N above 3 floor
Materials:					
Diagnostic sherds	3	9	13	9	34
Body sherds	9	13		39	179
Neck sherds	3	2		9	22
Base sherds				1	
Flanges					
Biface					
Flake				1	1
Core					
Chunks					6
Groundstone					
Obsidian					
Shell					
Fauna					
Human (Bu. #)				yes	
Other				1	1 round stone

Soil					
Carbon					

MF5-6

MF5-6 (c. 3.49 x 4.24 m, .07 m high) has been heavily impacted by mechanical agriculture practices with few remaining architectural features (Figure 4.37). Although we have recovered what looked like a plaster floor and a c. 50 cm-wide compact cobble wall on the northwest orienting N-S, very few of these features remained. The rocky landscape might be due to the destruction of cobble walls and floor fill. We excavated a c. 50 x 50 cm unit in the plaster surface and hit what might be the black topsoil/sterile, then a soft yellowish limestone soil similar to the clean fill in MF5-1, but more yellow (10YR63).

We found most artifacts from the "plow zone" (Table 4.32). A noticeable number of ceramics and lithics tools and groundstone (metate, flakes) indicate the residential function of MF5-6. In addition, we recovered three crystallized stones (Figure 4.38), likely from a cave or water system. According to a landowner of MF5, there is a spring nearby to the northwest. It reminded us of the dry, collapsed cave system we found in MF2, which could indicate interactions between these neighborhoods. Ceramics show that the ancestral Maya continuously resided at MF5-6 from c. 300 BCE to 900 CE (Table 4.33)

Table 4.32. MF5-6 artifact and sample information

Context:	W plow zone	Plow zone	N trench N of large stones
Materials:			
Diagnostic sherds	69	57	22
Body sherds		442	49
Neck sherds		114	22
Base sherds		19	2
Flanges			
Biface			
Flake		4	
Core		1	
Chunks		5 (1 laterite)	
Groundstone		3 (1 metate)	
Obsidian			
Shell			
Fauna			
Human (Bu. #)			
Other		3 crystalized stones, 1 round stone	
Soil			
Carbon			

Table 4.33 MF5-6 ceramic dates

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE*
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Barton Creek	Chicanel-300 BCE-100/150 CE

*Terminal Classic present

Figure 4.37. Drone photo of MF5-4. N is at bottom

Figure 4.38. Crystalized mineral from south MF5-6

MF5 mounds certainly beg the question as to whether the features we excavated were shaped intentionally by the ancestral Maya, transformed and shifted by modern agriculture, or a combination of the two. The Maya may have conducted public rituals or administrative affairs at the possible community building (MF5-1) that connected local families in the area. Furthermore, MF5-1 and its neighboring sites in MF1 and MF5 formed a "face-block," which can be defined as a "small neighborhood based on community layout where households facing each other across a street form a social unit" (Thompson et al. 2022:6).

MF2

Even though MF2 is further away from MF1 and MF5 (see Figure 3.4), we chose it because it has unplowed Type 3 mounds that are close to the road. We hoped to reveal a complete construction history to compare to plowed mounds in terms of chronology. We excavated portions of two mounds (MF2-34 and MF2-35), surface collected one (MF2-24), and also noted nearby a collapsed cave system (Figure 4.39). MF2-24, the furthest south, was mapped in 2014. The two north of MF2-24 were not mapped in 2014: MF2-34 (furthest north) and MF2-35. Artifacts are predominantly ceramics, ranging from c. 300 BCE to 900 CE.

Figure 4.39. MF2 with mounds and collapsed cave systems mentioned in text. North is to the left.

Unlike at MF5, even though it rained tons, the soil was not that muddy at all and is noticeably less black/dark clayey here and has more limestone flecks—that is, they are well-drained soils. And we did not notice any rock piles—perhaps farmers do not have to clear these types of fields of larger stones?

MF2-34 and MF2-35 abut large piles of massive flat boulders, creating what might at first appear to be large mounds with a platform. They are piles of bulldozed stone the farmers pushed against these mounds—probably since they could not plow them. Ultimately, we decided to just focus on two Type 3 mounds with stone piles up against them. MF2-24, another Type 3 did not have large stones piled against it—but we did collect surface artifacts (see below).

MF2-34

Abutting the south side of MF2-34 (7.44 x 8.0 m, 2.3 m high) is a pile of large flat boulders. Farmers bulldozed them against the structure to clear the surrounding area for farming, which has

slightly obscured the mound size and configuration making it appear larger (the dimensions do not include the boulder pile—they would add an additional 11 m to its north-south measurement).

Figure 4.40. MF2-34 tufa on its summit, and a closeup of tufa.

We started a test pit in the top central of MF2-34, which was challenging given the number of large flat boulders on its surface. We also noted lots of small boulder size golden/mustard colored tufa (10YR84) (Figure 4.40). After removing the topsoil on to the mound summit, we revealed a massive flat stone similar to the stacked boulders, but much larger; in fact, the flat stone appeared to cover the entire summit (c. 4 x 4 m) (Figure 4.41).

Figure 4.41. MF2-34 drone photo with N-S meter scale (N on the left side).

Where necessary the Maya had added plaster c. 6-7 cm thick likely manufactured from tufa from the cave system to even out the surface—it could have served as a local ceremonial building. We did not find artifacts in the 'tufa plaster,' but did note and collect artifacts from topsoil and fill deposits (Table 4.34). Ceramics dated from c. 300 BCE to 1000 CE (Table 4.35).

Table 4.34. MF2-34 artifact and sample information

Context:	Top topsoil	Top, east side topsoil	East side topsoil	Top NW Side Top Fill
Materials:				
Diagnostic sherds	10	44		10
Body sherds	13	52	112	11
Neck sherds	3	18	37	6
Base sherds	4	7		
Flanges	1			
Biface				
Flake	1	1	10	1
Core				
Chunks			8	
Groundstone		1 *metate* frag		
Obsidian				
Shell			3	
Fauna				
Human (Bu. #)				
Other		Tufa—e.g., tubular shapes		
Soil				
Carbon				

Table 4.35. MF2-34 ceramic chronology

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Barton Creek	Chicanel-300 BCE-100/150 CE

MF2-35

MF2-35 (3.69 x 8.8 m, 1.52 m high) has an odd shape—it almost looks like two mounds conjoined in the center (Figure 4.42). There is also boulder pile to the east (c. 3.46 x 4.43 m). We decided to excavate an east-west trench c. 4 m in length along the longest part of the mound to expose as many rooms/architectural features as possible. We came upon a wall almost immediately that was oriented north-south near the center of the structure that appeared to be placed haphazardly c. 37 cm above a nicer wall oriented to east-west. We followed out the N-S wall (N-S trench). We also found an east-west 'path' that the Maya appeared to have cut through a plaster floor c. 50 cm below surface. Artifacts consisted primarily of ceramics (Table 4.36) that date from c. 300 BCE to 1000 CE (Table 4.37), some in clusters near the walls and above the floor.

Figure 4.42. MF2-35 drone photo (1 m scale N-S, N at bottom) and oblique of exposed architecture.

Table 4.36. MF2-35 artifact and sample information

Context:	West trench topsoil	Trench center, west side wall	N-S trench south side ceramic cluster	Top unit ceramic cluster c. 50 cm below surface	Center south fill
Materials:					
Diagnostic sherds		6	5 (1 foot)	11	
Body sherds	10	48	39	37	
Neck sherds	2	6	3	7	
Base sherds		1			
Flanges					
Biface	1 broken				1 broken
Flake	2		1	3	1
Core				1	
Chunks		2		1	
Groundstone				1 *metate* frag	
Obsidian					
Shell			1 jute		
Fauna					
Human (Bu. #)					
Other			~bone		
Soil					
Carbon				Large chunks	

Table 4.37. MF2-35 ceramic chronology

Spanish Lookout 1/2	Tepeu 2/3-700-900/1000 CE
Tiger Run	Tepeu 1-600/650-700 CE
Hermitage	Tzakol-250-600/650 CE
Barton Creek	Chicanel-300 BCE-100/150 CE

MF2-24

MF2-24 (12.76 x 13.83 m, 2.4 m tall) is another Type 3 green top (Figure 4.43) with an attached platform (8.87 x 4.13 m, 1.25 m tall) on the south where we collected surface artifacts from the mound (4 rims, 1 thin biface mid-section, 1 biface point, 1 shaped core, 1 *mano* fragment, 1 polishing stone, 1 dense and heavy dark red laterite stone, 1 *metate* fragment) and platform (4 rims) but did not excavate either. The ceramics date to Spanish Lookout 1/2/Tepeu 2/3 (700-900/1000 CE).

Figure 4.43. MF2-24 mound and platform looking north/northwest. Rachel is on the northeast section of the mound.

MF2 Cave system

Finally, we also found a collapsed cave system near which the Maya built what is now a Type 1 mound (MF2-36) near/over one of the smaller caves (Figure 4.44). According to the 2018 Google Earth map, it was looked to be a Type 2 or Type 3 mound—it is difficult to determine based on maps alone. We do not know the original size of MF2-36 because he had been heavily plowed and spread out, but we did note lots of nice sherds and artifacts on its surface. On the west side of the mound, the ground has collapsed, likely caused by a bulldozer or plow. Stanley and Lucero think it originally was oriented c. 60° and c. 9 m from original cave entrance to MF2-36.

Figure 4.44. Cave system (looking N) and sample of tufa found nearby.

There are several collapsed areas, including a cave system and what likely is a dry spring (tall, dead grass in a depression) to the west. Stanley explored it and realized that the Maya had built MF2-36 over/near the entrance to a small cave system with several 'entrances'/collapsed sections (3 or 4). There is lots of the soft tufa stone (7.5YR56) on the surrounding surfaces. It must be from the cave, but we did not want to get too close to the edges because we were concerned that they could also collapse.

Stanley spoke to someone who worked for MF2 farmers, who told him that there use to be walkways from the cave entrance to other mounds, but that they have been plowed. We are sure one likely led to MF2-34, and perhaps they were constructed of tufa like the 'tufa plaster' floor at MF2-34. Most of the tufa and large flat boulders we found at MF2 sites likely came from this cave system, including the one (c. 1.2 x 0.4 x 0.5 m) Erin Benson and crew found at MF2-33 in 2016 1.5 m below surface in one of the two structures that the Maya placed on what looks like an arch of large boulders (Benson 2017b:Figure 4.26). Did the Maya move these massive flat boulders, or were they nearby? There is a slight possibility that all the tufa on the surface of MF2-36 represents a de-animated building like what we found at Cara Blanca Pool 1 Str. 1, the water temple (Lucero et al. 2016). I say slight because of all the plowing that has taken place.

Concluding Remarks

Many of the excavated mounds are residences, more specifically, farmsteads. However, the Maya living in these neighborhoods likely congregated for different kinds of events, especially ritual, like MF5-1 and MF2-34. Their features and unique layout indicate non-residential functions. This makes sense given that worldwide neighborhoods have local meeting places for a multitude of events.

Also, as Lucero mentioned in chapter 1, some mounds have smaller in size since first classified in 2014 due to mechanized farming. If we compare the range of dates between the 2016 excavations (Table 4.38) in cleared SPLC MFs to those excavated in 2022 (Table 4.39), we see a pattern where in

general 2022 MF mounds have shorter occupation histories, likely due to the later occupation levels being plowed.

Table 4.38. 2016 MF mounds, type, status, date

Site	Type	Status	Time range
Pool 7 MF-1	2	Plowed	300 BCE-900 CE
Pool 7 MF-2	1	Plowed	600 CE-900 CE
Pool 7 MF-3	2	Plowed	250 CE-650 CE
Pool 7 MF-4	2	Plowed	250 CE-900 CE
MF4-1	4	Plowed	300 BCE-900 CE
MF4-2	1	Plowed	250 CE-900 CE
MF2-32	2	Plowed	700 CE-900 CE
MF2-33	2-4	Plowed	300 BCE-900 CE

Table 4.39. 2022 MF mounds, type, date, status

Site	Type/year classified	Current Type	Status	Year excavated*	Time range
MF2-34	3/2022	3	Unplowed w/ piled flat boulders	2022	300BCE- post 700 CE
MF2-35	3/2022	3	Unplowed w/ piled flat boulders	2022	300 BCE- post 700 CE
MF1-1	3/2014	2	Plowed	2022	300 BCE- post 700 CE
MF1-3	2/2014	2	Plowed	2022	300 BCE- 900 CE
MF1-4	1/2014	1	Plowed	2022	300 BCE- post 700 CE
MF1-22	4/2014	4	Unplowed	2022	300 BCE- 900 CE
MF1-86	2/2014	2 (barely)	Plowed	2022	300BCE- post 700 CE
MF1-92	2/2022	2 (barely)	Plowed	2022	300 BCE- 600 CE
MF5-1	2/2022	2	Plowed	2022	300 BCE- 900 CE
MF5-2	2/2022	2 (barely)	Plowed	2022	300 BCE- post 700 CE
MF5-3	1/2022	1	Plowed	2022	300 BCE- post 700 CE
MF5-4	2/2022	2	Plowed	2022	300 BCE- post 700 CE
MF5-5	1/2022	1	Plowed	2022	300 BCE- post 700 CE
MF5-6	1/2022	1	Plowed	2022	300 BCE- 900 CE

*surface collected or minimal assessment: MF1-23; MF2-24; MF2-36

Additional evidence that history has been erased via plowing comes from the intrusive burials. All six burials date to Spanish Lookout, even though the strata in which they were placed and those above did not per se. In other words, the later burials are intrusive and were protected from plowing while other Spanish Lookout contexts were not. Future field seasons will allow us to collect additional data from different neighborhoods to learn about ancestral Maya—and to assess how much history has been lost to the plow.

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Chapter 5
VOPA 2022 Ceramic Analysis

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The analysis of the ceramics from the 2022 VOPA salvage excavations from the dispersed hinterland settlement in the region was conducted over the course of one week in June, at the end of the field season. The sample consists of a total of 1980 sherds, identified by the excavators in the field, which included all rim and diagnostic body sherds. The ceramics were analyzed using standard type: variety mode designations where possible (Gifford 1976; Smith 1955; Smith and Gifford 1966; Willey et al. 1967). All ceramics were washed and counted for each excavation lot. Ceramics were laid out in stratigraphic sequences, beginning with the lowest levels of the excavation and moving upward, keeping all lots un-mixed. All lots were sorted using preliminary ceramic type and variety names for sherds with identifiable surface finish and decoration, and additionally were assigned vessel form designations for rims and identifiable body sherds (see Appendix).

Most ceramic research in the southern Maya lowlands has attempted to work within the frameworks and typologies created for three major sites/regions, since their publication came early in the history of Maya archaeology and the extensive descriptions provided. These include the ceramics from Uaxactun in the Petén in Guatemala (Smith 1955; Smith and Gifford 1966); the ceramics from the Pasion region in Guatemala (Adams 1971; Sabloff 1975); and the ceramics of Barton Ramie in the Belize Valley (Gifford 1976). The identification of site-specific ceramic complexes utilizing standard type: variety designations for Maya pottery (Gifford 1976; Willey et al. 1967), that is, the identification of ceramic types, varieties, and modes, has the advantage of informing on the temporal placement of the occupation and construction history of a site, as well as allowing one to place it in a regional and inter-regional context. However, type: variety designations are based on surface characteristics, and it becomes less useful as a tool when analyzing eroded material. In the absence of well-preserved surfaces, modal characteristics such as rim and lip shape, vessel form (Thompson 1939), and visual paste and temper characteristics are also extremely useful in pottery identification.

Chronology and Analysis

Figure 5.1. Typical Late Preclassic sherds of the Sierra Red Group (bottom is Puletan Red-and U.)

Despite an initial sample size of 1980 sherds, 532 (26.9%) were not identifiable to ceramic type. Assigned dates for chronological periods in the VOPA region are preliminary and are based entirely on ceramic stylistic cross-dating. Ceramic Sphere designations are also preliminary, given the small sample size, and loosely follow Ball's definitions (in Gifford 1976). The earliest ceramics in the 2022 VOPA excavations date to the Late Preclassic and Terminal Preclassic (the Chicanel and Floral Park Spheres: 300 BCE to 250 CE), however they only appear mixed in later contexts. Chicanel ceramics (n= 191) dating to approximately 300 BCE to 150 CE include standard types within the following ceramic groups: Paila U; Sapote Striated; Sierra Red (including Sierra Red, Laguna Verde Incised, Lagartos Punctated, and Puletan Red-and-U; Figure 5.1); and Polvero Black.

There is a minor presence from the Terminal Preclassic (n=18), 150 to 250 CE, including sherds from the following ceramic groups: Chan Pond U; Monkey Falls Striated; Aguacate Orange (including Aguacate Orange and Gavilan Black-on-orange; Figure 5.2); San Felipe Brown (San Antonio Golden Brown); Escobal Red-on-buff; Flor Cream; Caramba Red on red-orange; and Rio Bravo Red.

The first evidence of strong occupation occurs in the Early Classic Period (Tzakol Sphere: 250 to 600/650 CE) and continues uninterrupted through the early Late Classic (Tepeu 1 Sphere: 600/650 to 700 CE) until sometime in the 9th century CE (Tepeu 2-3/SL Spheres) or possibly later.

Figure 5.2. Terminal Preclassic mammiform tetrapod foot from a Gavilan Black-on-orange bowl.

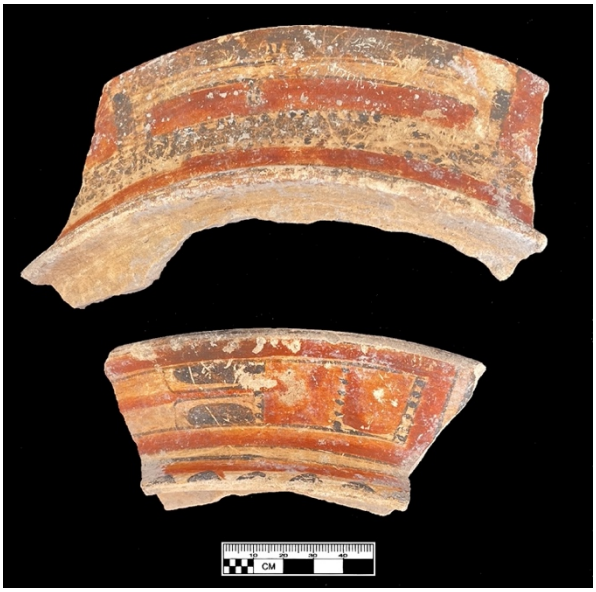
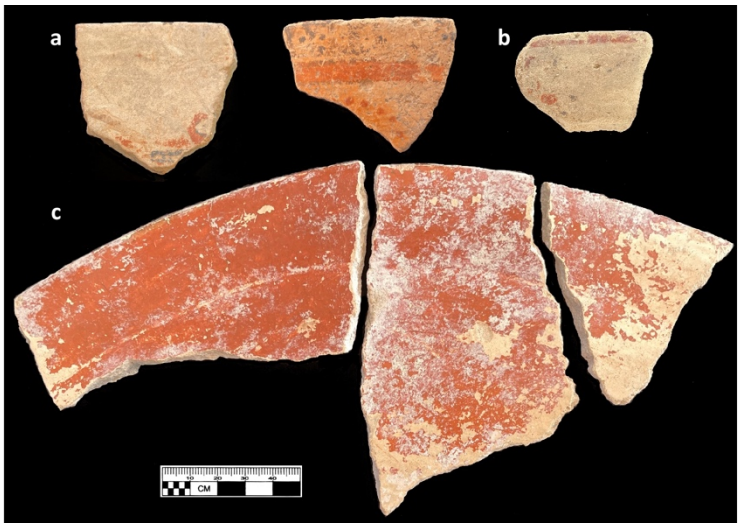


Figure 5.3. Early Classic examples of Aguila Orange including a tripod slab foot with a cacao bean appliqué (bottom).

Early Classic ceramics (n=599) include sherds from the following ceramic groups: Quintal U; Mopan Striated; Minanha Red; Aguila Orange (including Aguila Orange and Pita Incised; Figure 5.3); Balanza Black (including Balanza Black and Lucha Incised); and Dos Arroyos Orange Polychrome (Figure 5.4).

Figure 5.4. Early Classic examples of Dos Arroyos Orange Polychrome.



Early Late Classic (Tepeu 1/Tiger Run 600/650 to 700 CE) ceramics (n=152) include sherds from the following groups: Jones Camp Striated; Mountain Pine Red; Macal Orange-red; Saxche Orange Polychrome; and Saturday Creek Polychrome (Figure 5.5).

Figure 5.5. Early Late Classic Ceramics: a) Saxche Orange Polychrome; b) Saturday Creek Polychrome; and c) Mountain Pine Red.

There is a strong presence (n=488) of late Late Classic through Terminal Classic ceramics (Tepeu 2/3 and Spanish Lookout 1/2: 700 CE through sometime in the 9th century CE or later) (Figure 5.6). Not all mounds have a strong late Terminal Classic component, preliminarily based on the presence or absence of very large unslipped jar rims, though this may be the result of modern agricultural practices. Ceramic groups include: Cayo Unslipped (including Cayo U, Cayo Red-and-U, and Alexanders U); Tu-Tu Camp Striated; Belize Red (including Belize Red, Platon Punctated-incised, Martins Incised, and one example of Puhui Zibal Composite); Dolphin Head Red; Vaca Falls Red (including Vaca Falls Red, Kaway Impressed, and Roaring Creek Red); Garbutt Creek (including Garbutt Creek Red and Rubber Camp Brown); Tinaja Red (Portia Gouged-incised); Achote Black (including Achote Black, Chilar Fluted, and Tres Mujeres Mottled); Yaha Creek Cream; Daylight Orange; and Chunhuitz Orange (including Chunhuitz Orange and Benque Viejo Polychrome).

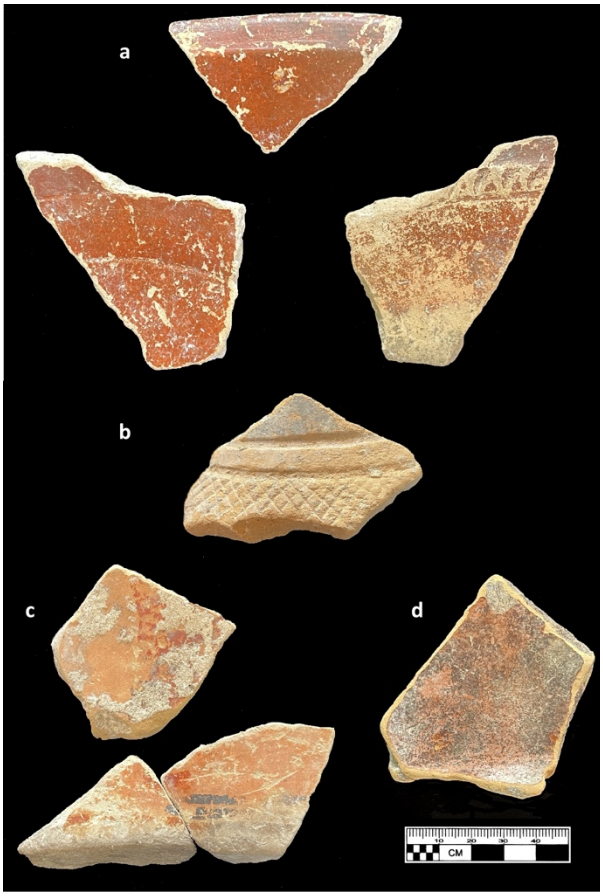


Figure 5.6. Late Late Classic & Terminal Classic Ceramics. a) Belize Red (Platon Punctated Incised); b) Puhui Zibal Composite; c) Benque Viejo Polychrome; d) Chunhuitz Orange.

The summary of the chronological assessments for each excavation is presented in Table 5.1 below and complete type inventories are listed in the Appendix. As mentioned previously, when extremely large unslipped jar rims (Figure 5.7) are present they are noted in the comment section of the table and may be indicative of the latest occupation in the region, towards the end of the Terminal Classic in the 9th century CE or later (SL 2/ Tepeu 3).

Figure 5.7. Terminal Classic large unslipped jars: Tu-Tu Camp Striated and Alexanders U.

Table 5.1. Chronology Summary for VOPA 2022 excavations.

MF #	STR.	Barton Ramie/ Belize Valley Complex	Uaxactun/ Petén Complex	Comments
MF1-1		Spanish Lookout 1/2	Tepeu 2/3	
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-3		Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-4		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
MF1-22	Str. 1	Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars/ Burial 5 is SL
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-22	Str. 2	Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars
		Tiger Run	Tepeu 1	

		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-22	Str. 3	Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-22	Str. 4	Hermitage	Tzakol	Burial 6 is Tzakol
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-22	Plaza	Spanish Lookout 1/2	Tepeu 2/3	
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Barton Creek	Chicanel	
MF1-86		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF1-92		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF2-24		Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars
MF2-34		Spanish Lookout 1/2	Tepeu 2/3	
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Barton Creek	Chicanel	
MF2-35		Spanish Lookout 1/2	Tepeu 2/3	
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Barton Creek	Chicanel	
MF1-3		Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF5-1		Spanish Lookout 1/2	Tepeu 2/3	
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
MF5-2		Spanish Lookout 1/2	Tepeu 2/3	
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	

		Mt. Hope/Floral Park	Floral Park	
MF5-3		Spanish Lookout 1/2	Tepeu 2/3	Burials 1 & 2 are Spanish Lookout
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
MF5-4		Spanish Lookout 1/2	Tepeu 2/3	Burial 3 is Spanish Lookout
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Mt. Hope/Floral Park	Floral Park	
		Barton Creek	Chicanel	
MF5-5		Spanish Lookout 1/2	Tepeu 2/3	Burial 4 is Spanish Lookout
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Barton Creek	Chicanel	
MF5-6		Spanish Lookout 1/2	Tepeu 2/3	Large unslipped jars
		Tiger Run	Tepeu 1	
		Hermitage	Tzakol	
		Barton Creek	Chicanel	

Figure 5.8. Partial Vessels from Burial 1. Rubber Camp Brown (top) and Garbutt Creek Red (bottom). Both approximately 15 cm. in diameter and only 25% of each rim present. Cat. #2380.

The 2022 excavations encountered six burials, though not all contained ceramics as grave goods. Burial 6, located in MF1-22 Str. 4 dates to the Early Classic based on the ceramics in the fill. Burial 2 in MF5-3, Burial 3 in MF5-5 and Burial 4 in MF5-5 contained no whole vessels, however all dated to the late Late Classic/Terminal Classic period based on the ceramics in the fill. Burial 1 in MF5-3 contained two partial vessels; one a Rubber Camp Brown bowl and the other a Garbutt Creek Red bowl (Figure 5.8), which date the burial to the late Late Classic/Terminal Classic period.

Burial 5, located in Str. 1, MF1-22 dates to the late Late Classic/Terminal Classic period based on the presence of a large, almost complete Daylight Orange bowl (Figure 5.9). Originally dated to the Postclassic by Gifford (1976), there is ample evidence that this type is in fact a late Late Classic to

Terminal Classic ceramic, found widely in the Belize Valley (Gifford 1976) and in Northern Belize (Driver and Kosakowsky 2013; Sagebiel 2005).

Figure 5.9. Daylight Orange bowl from Burial 5 (approximately 45 cm. in diameter). Cat #2457.

Figure 5.10. Terminal Preclassic Sierra Red Composite (approximately 15 cm. in diameter). Cat. #2483/2457.

Among the more unique ceramics encountered in the 2022 excavations is a Sierra Red Composite (Figure 5.10) fragmentary pot from MF1-22 Str. 1 that dates to the Terminal Preclassic. In form and decoration it is similar to Terminal Preclassic vessels from both northern Belize (Kosakowsky 1987; Robertson 1980) and the Petén (Culbert and Kosakowsky 2019). The recurving form is a squat cuspidor, measuring 15 cm. in diameter, with fluting on the exterior above the medial angle, and a punctuated appliqué ridge.

There is one example of a highly eroded Portia Gouged-incised partial cylinder vessel with a figural representation (in the Tinaja Red Group) (Figure 5.11) found in the plow zone of MF5-4. The

figure is shown in profile, wearing a pectoral, similar to examples from the Petén (Smith 1955; Smith and Gifford 1966). This type dates to the Tepeu 3 Terminal Classic and may represent an imitation of widely traded fine orange wares; it likely is an import to the VOPA region.

Figure 5.11. Portia Gouged-incised. Cat. # 2405.

Concluding Remarks

The ceramic sample size from the 2022 excavations is too small to discern meaningful patterns across structures and mound groups. Any intra-site or intra-regional analysis will have to wait for subsequent seasons. However, it is possible to present some preliminary observations about inter-regional ceramic sphere connections. The Preclassic and Terminal Preclassic sample sizes are too small to make any definitive statements yet, although there appear to be connections to northern Belize, the Petén, and the Belize Valley at a time of increased ceramic homogeneity across the entire southern Maya Lowlands (see Ball in Gifford 1976). During the Early Classic, the VOPA assemblage is linked to the Petén centered Tzakol Sphere ceramics with the presence of monochrome and polychrome bowls of the Petén Gloss fine ware tradition (see Ball in Gifford 1976).

Beginning in the Late Classic and continuing through the Terminal Classic periods, the VOPA ceramics are peripheral to the Petén centered Tepeu Spheres and develop stronger linkages to the Belize Valley, particularly post 700 CE. Belize Red, likely manufactured in or near the site of Baking Pot in the Belize Valley (Jordan et al. 2022) comprises 20% of the VOPA Spanish Lookout assemblage. The monochrome types from this period similarly demonstrate stronger connections with the Belize Valley: 27.5% of the assemblage are Pine Ridge Carbonate wares, while only 0.04% are Petén Gloss ware (the remainder of the assemblage for this period includes 41.0% unslipped jars, and the remaining are unidentifiable as to type). The unique Portia Gouged-incised example, described previously, indicates however that there were still connections with the central Petén through the Terminal Classic

While these are extremely preliminary observations, the dispersed hinterland settlement in the Valley of Peace is geographically situated in a region where the Maya in prehistory would have had access to the Belize River, the Vaca Plateau and sites along the Booth's River and Rio Bravo escarpment to the north, as well as overland to the Petén in the west, as do the present inhabitants. Further analysis hopefully will better define these geo-political connections and provide a large enough sample to understand the nature of intra-regional ceramic variability, and address questions of possible social and economic variation across the VOPA settlement.

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Appendix. 2022 VOPA Salvage Archaeology Ceramics; SL=Spanish Lookout; U=U; VA=volcanic ash

Cat#	Site	Description	Form	Type	Complex	Group	Ware	Sphere	#
2360	MF1-1	Top of mound	Bowl Body, Basal flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2360	MF1-1	Top of mound	Slab Foot, Hollow & large	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2360	MF1-1	Top of mound	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2360	MF1-1	Top of mound	Jar Rim	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	7
2360	MF1-1	Top of mound	Bowl Body	Chunhuitz Orange	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	1
2360	MF1-1	Top of mound	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2

2360	MF1-1	Top of mound	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2360	MF1-1	Top of mound	Bowl Rim	Roaring Creek Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2360	MF1-1	Top of mound	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2360	MF1-1	Top of mound	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2360	MF1-1	Top of mound	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	3
2360	MF1-1	Top of mound	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	7
2360	MF1-1	Top of mound	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	2
2360	MF1-1	Top of mound	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	3
2360	MF1-1	Top of mound	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	5
2360	MF1-1	Top of mound	Jar Body	UK red monochrome	UK Classic	UK	UK	UK	3
2362	MF1-1	SW FL Top	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2362	MF1-1	SW FL Top	Bowl Body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2362	MF1-1	SW FL Top	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2362	MF1-1	SW FL Top	Bowl Rim	Slip Eroded	UK	UK	UK	UK	2
2362	MF1-1	SW FL Top	Nubbin Foot	Slip Eroded	UK	UK	UK	UK	1
2363	MF1-1	Under burnt FL	Bowl Base	Slip Eroded	UK	UK	UK	UK	2
2363	MF1-1	Under burnt FL	Jar Body	UK red monochrome	UK Classic	UK	UK	UK	1
2363	MF1-1	Under burnt FL	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2364	MF1-1	Top of burnt FL	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2364	MF1-1	Top of burnt FL	Bowl Body, 1 Platon Punctated Incised	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	4
2364	MF1-1	Top of burnt FL	Bowl Base	Chunhuitz Orange	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	1
2364	MF1-1	Top of burnt FL	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2364	MF1-1	Top of burnt FL	Bowl Body	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	4
2364	MF1-1	Top of burnt FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2364	MF1-1	Top of burnt FL	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	2
2364	MF1-1	Top of burnt FL	Bowl Base, ring base	UK red monochrome	UK Classic	UK	UK	UK	1

2365	MF1-1	Top of burnt FL	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	3
2365	MF1-1	Top of burnt FL	Jar Rim, straight neck	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2365	MF1-1	Top of burnt FL	Bowl Rim, Eroded Aguila?	Slip Eroded	UK Classic	UK	UK	UK	1
2365	MF1-1	Top of burnt FL	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2368	MF1-1	Inside burnt FL	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2368	MF1-1	Inside burnt FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2370	MF1-1	Top of mound above central FL	Bowl Rim, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2370	MF1-1	Top of mound above central FL	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2370	MF1-1	Top of mound above central FL	Plate Rim, eroded	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2370	MF1-1	Top of mound above central FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	3
2370	MF1-1	Top of mound above central FL	Bowl Rim, & crumbled body sherds	UK red monochrome	UK Classic	UK	UK	UK	1
2371	MF1-1	S mound top fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	7
2371	MF1-1	S mound top fill	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	3
2371	MF1-1	S mound top fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2371	MF1-1	S mound top fill	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2371	MF1-1	S mound top fill	Bowl Body, from same bowl	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3
2371	MF1-1	S mound top fill	Jar Neck	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	5
2371	MF1-1	S mound top fill	Pedestal Base	UK red monochrome	SL 1-2	UK	UK	Tepeu 2-3/ SL	1
2371	MF1-1	S mound top fill	Jar Rim, 1 large late	Cayo U	SL 1-2*	Cayo	Uaxactun U	Tepeu 2-3/ SL	3
2371	MF1-1	S mound top fill	Plate Body, ridged plate	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2371	MF1-1	S mound top fill	Bowl Rim	Slip Eroded	UK	UK	UK	UK	7
2371	MF1-1	S mound top fill	Bowl Rim, ~Saxche Orange Polychrome	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2371	MF1-1	S mound top fill	Bowl Base, Large & thick ring base	Slip Eroded	UK Classic	UK	UK	UK	1

2371	MF1-1	S mound top fill	Bowl Base, ring base	UK red monochrome	UK Classic	UK	UK	UK	1
2372	MF1-1	Outside E Wall	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2372	MF1-1	Outside E Wall	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2376	MF1-1	Above 1st Unburnt FL	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2376	MF1-1	Above 1st Unburnt FL	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2376	MF1-1	Above 1st Unburnt FL	Jar Rim, Burnt	Slip Eroded	UK	UK	UK	UK	2
2377	MF1-1	Top of mound beneath central FL	Bowl Body	Puletan Red-&-U	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2377	MF1-1	Top of mound beneath central FL	Bowl Body	Aguila Orange, 1 w/ basal flange & foot scar; burnt.	Hermitage ~Terminal Preclassic mammiform?	Aguila	Peten Gloss	Floral Park/ Tzakol	2
2377	MF1-1	Top of mound beneath central FL	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2377	MF1-1	Top of mound beneath central FL	Bowl Body	Balanza Black	Hermitage	Balanza	Peten Gloss	Tzakol	1
2377	MF1-1	Top of mound beneath central FL	Bowl Rim, eroded	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2377	MF1-1	Top of mound beneath central FL	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2377	MF1-1	Top of mound beneath central FL	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2377	MF1-1	Top of mound beneath central FL	Bowl Body, basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	5
2377	MF1-1	Top of mound beneath central FL	Jar Rim	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2377	MF1-1	Top of mound beneath central FL	Bowl Base, ring base	Slip Eroded	UK Classic	UK	UK	UK	1
2377	MF1-1	Top of mound beneath central FL	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2377	MF1-1	Top of mound beneath central FL	Jar Neck	UK U Striated	UK Classic	UK	Uaxactun U	UK	3
2439	MF1-22, Str. 1	S. Outset Corner	Jar Body, w/ spout hole-chocolate pot; 2 pieces	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2439	MF1-22, Str. 1	S. Outset Corner	Jar Rim, ~same vessel	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2

2439	MF1-22, Str. 1	S. Outset Corner	Jar Body	Puletan Red-&-U	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Rim, 1 recurving bowl	Sierra Red	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	5
2439	MF1-22, Str. 1	S. Outset Corner	Jar Body, Paste: 10R6/8	Aguacate Orange	Floral Park	Aguacate	Holmul Orange	Floral Park	1
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Rim, basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	8
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Body, 5 are flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	7
2439	MF1-22, Str. 1	S. Outset Corner	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2439	MF1-22	S. Outset Corner	Bowl Body	Achote Black	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	8
2439	MF1-22	S. Outset Corner	Bowl Rim	Achote Black	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	2
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Base, flat bottom	Achote Black	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Body	Tres Mujeres Mottled	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	2
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3
2439	MF1-22, Str. 1	S. Outset Corner	Sherd Disk, perforated	UK	UK	UK	UK	UK	1
2439	MF1-22, Str. 1	S. Outset Corner	Figurine Fragment, feels like an ash paste	UK	UK	UK	UK	UK	1
2439	MF1-22, Str. 1	S. Outset Corner	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	10
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim	Polvero Black	Barton Creek	Polvero	Paso Caballo Waxy	Chicanel	1
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim, 2 recurving bowls; 1 incurving bowl	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim, Incurving bowl w/ labial	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1

			scalloped flange						
2440	MF1-22, Str. 1	Collapse Center	Bowl Body, Highly eroded; medial angle bowl	Lagartos Punctated	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim, well preserved	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	3
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2440	MF1-22, Str. 1	Collapse Center	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	4
2440	MF1-22, Str. 1	Collapse Center	Bowl Base, basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2440	MF1-22, Str. 1	Collapse Center	Jar Rim, Large;	Alexanders U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL Terminal Tepeu 3	1
2440	MF1-22, Str. 1	Collapse Center	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	4
2440	MF1-22, Str. 1	Collapse Center	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2440	MF1-22, Str. 1	Collapse Center	Plate Body, w/ fingernail incised ridge	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	2
2440	MF1-22, Str. 1	Collapse Center	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	7
2440	MF1-22, Str. 1	Collapse Center	Bowl Body, Classic period red slip on int. w/ ext. U & ridged. Thin walled.	UK red & U	UK Classic	UK	UK	UK	1
2443	MF1-22, Str. 1	Ext. Patio N	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2443	MF1-22, Str. 1	Ext. Patio N	Bowl Rim, basal flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2443	MF1-22, Str. 1	Ext. Patio N	Bowl Rim, basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2443	MF1-22, Str. 1	Ext. Patio N	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2443	MF1-22, Str. 1	Ext. Patio N	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1

2443	MF1-22, Str. 1	Ext. Patio N	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	3
2443	MF1-22, Str. 1	Ext. Patio N	Bowl Base, ring base	Slip Eroded	UK Classic	UK	UK	UK	1
2443	MF1-22, Str. 1	Ext. Patio N	Jar Neck	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2450	MF1-22, Str. 1	Int. Room	Bowl Body, basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2450	MF1-22, Str. 1	Int. Room	Bowl Rim	Escobal Red-on-buff	Mt. Hope	Escobal	Paso Caballo Waxy	Chicanel	1
2450	MF1-22, Str. 1	Int. Room	Bowl Rim, joins w/ 2463	Daylight Orange	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2450	MF1-22, Str. 1	Int. Room	Jar handle, narrow strap h&le	UK U	UK	UK	UK	UK	1
2450	MF1-22, Str. 1	Int. Room	Bowl Base, shallow ring base	UK Classic	UK Classic	UK	UK	UK	1
2454	MF1-22, Str. 1	Top of FL 1	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	1
2454	MF1-22, Str. 1	Top of FL 1	Jar Rim	UK U	UK Classic	UK	UK	UK	3
2457	MF1-22, Str. 1	Bu. 5	Bowl Base, ring base-eroded slip	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2457	MF1-22, Str. 1	Bu. 5 & Above Bu. 5	Bowl Rim, Recurving bowl- Fluted top w/ applique punctated ridge, incurving below ridge. Diameter: 15 cm Joins w/ 2483	Sierra Red Special Composite	Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel Terminal Preclassic	1
2457	MF1-22, Str. 1	Bu. 5	Bowl, Diameter: 45 cm; joins w/ modified above Bu. 5	Daylight Orange	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2457	MF1-22, Str. 1	Above Bu. 5 (modified)	Bowl, Diameter: 45 cm Joins w/ Bu. 5	Daylight Orange	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2457	MF1-22, Str. 1	Bu. 5	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1

2457	MF1-22, Str. 1	Bu. 5 & Above Bu. 5 & Int.	Plate, fragile pieces; Diameter: 40 cm	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2462	MF1-22, Str. 1	Top of surface	Bowl, Pieces of a vessel; 1 rim & basal angle rounded; joins w/ 2463; Diameter: 45 cm	Daylight Orange	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2463	MF1-22, Str. 1	Int.	Bowl, Pieces of a vessel; 1 rim & basal angle rounded; joins w/ 2464; Diameter: 45 cm	Daylight Orange	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2477	MF1-22, Str. 1	On top of FL (?) surface	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2477	MF1-22, Str. 1	On top of FL (?) surface	Bowl Base, ring base	Daylight Orange	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2477	MF1-22, Str. 1	On top of FL (?) surface	Plate Rim	Saxche Orange Polychrome	Tiger Run	Saxche	Peten Gloss	Tepeu 1	1
2477	MF1-22, Str. 1	On top of FL (?) surface	Bowl Body	Slip Eroded	UK Classic	UK	UK	UK	1
2480	MF1-22, Str. 1	Ext. S Trench	Bowl Rim, w/ labial flange	Laguna Verde Incised	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2480	MF1-22, Str. 1	Ext. S Trench	Bowl Base	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	4
2480	MF1-22, Str. 1	Ext. S Trench	Jar Neck	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2480	MF1-22, Str. 1	Ext. S Trench	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2480	MF1-22, Str. 1	Ext. S Trench	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2480	MF1-22, Str. 1	Ext. S Trench	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2480	MF1-22, Str. 1	Ext. S Trench	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2480	MF1-22, Str. 1	Ext. S Trench	Bowl Rim	Escobal Red-on-buff	Mt. Hope	Escobal	~Paso Caballo Waxy	Chicanel	1

2480	MF1-22, Str. 1	Ext. S Trench	Bowl Rim	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	2
2483	MF1-22, Str. 1	Near Bu. 5 Int.	Bowl Rim, Burnt basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2483	MF1-22, Str. 1	Near Bu. 5 Int.	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2483	MF1-22, Str. 1	Near Bu. 5 Int.	Pedestal Base, high: 5 cm in 10 pieces	UK red monochrome	SL 1-2	UK	UK	Tepeu 2-3/ SL	1
2483	MF1-22, Str. 1	Near Bu. 5 Int.	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2483	MF1-22, Str. 1	Near Bu. 5 Int.	Bowl Body, oins w/ 2457	Sierra Red Special Composite	Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	7
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3
2432	MF - 22, Str. 2	Collapse & Topsoil	Bowl Body, flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2432	MF1-22, Str. 2	Collapse & Topsoil	Jar Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	5
2432	MF1-22, Str. 2	Collapse & Topsoil	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2432	MF1-22, Str. 2	Collapse & Topsoil	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	3
2432	MF1-22, Str. 2	Collapse & Topsoil	Slab Foot, fragment	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	4
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Body	Martins Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Rim	Roaring Creek Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2432	MF1-22, Str. 2	Collapse & Topsoil	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	8
2432	MF1-22, Str. 2	Collapse & Topsoil	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	5

2432	MF1-22, Str. 2	Collapse & Topsoil	Jar Rim, large late	Alex&ers U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	2
2432	MF1-22, Str. 2	Collapse & Topsoil	Jar Rim, large; late	Cayo U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	2
2432	MF1-22, Str. 2	Collapse & Topsoil	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	13
2433	MF1-22, Str. 2, Str. 2	Collapse & Wall Mix	Bowl Rim	Laguna Verde Incised	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2433	MF1-22, Str. 2	Collapse & Wall Mix	Bowl Rim, Basal flangev	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2433	MF1-22, Str. 2, Str. 2	Collapse & Wall Mix	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	4
2433	MF1-22, Str. 2	Collapse & Wall Mix	Slab Foot, fragments	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2433	MF1-22, Str. 2	Collapse & Wall Mix	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2433	MF1-22, Str. 2	Collapse & Wall Mix	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2433	MF1-22, Str. 2	Collapse & Wall Mix	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	4
2433	MF1-22, Str. 2	Collapse & Wall Mix	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3
2433	MF1-22, Str. 2	Collapse & Wall Mix	Jar Rim,	Alex&ers U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	1
2433	MF1-22, Str. 2	Collapse & Wall Mix	Jar Rim, Late	Cayo Red-&-U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	2
2433	MF1-22, Str. 2	Collapse & Wall Mix	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2433	MF1-22, Str. 2	Collapse & Wall Mix	Plate Body	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2433	MF1-22, Str. 2	Collapse & Wall Mix	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2433	MF1-22, Str. 2	Collapse & Wall Mix	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2433	MF1-22, Str. 2	Collapse & Wall Mix	Bowl Base, thick flat bottom; w/ Int. "dimple"	UK U	UK Classic	UK	UK	UK	1

2448	MF1-22, Str. 2	Bottom Trench Upper FL	Bowl Rim, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2448	MF1-22, Str. 2	Bottom Trench Upper FL	Bowl Body, basal flanges; 1 burnt	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	3
2448	MF1-22, Str. 2	Bottom Trench Upper FL	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2448	MF1-22, Str. 2	Bottom Trench Upper FL	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Bowl Body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Plate Rim	Saxche Orange Polychrome	Tiger Run	Saxche	Peten Gloss	Tepeu 1	3
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Bowl Rim, burnt	Slip Eroded	UK	UK	UK	UK	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Jar Body	UK U Striated	UK	UK	Uaxactun U	UK	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Plate Body, ridged plate	Slip Eroded	UK Classic	UK	UK	UK	1
2475	MF1-22, Str. 2	Trench Top Collapse Fill	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	3
2476	MF1-22, Str. 2	Trench Bottom Above FL 3	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2492	MF1-22, Str. 2	Bench Exploration	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2492	MF1-22, Str. 2	Bench Exploration	Jar Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2492	MF1-22, Str. 2	Bench Exploration	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2492	MF1-22, Str. 2	Bench Exploration	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2492	MF1-22, Str. 2	Bench Exploration	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	3
2492	MF1-22, Str. 2	Bench Exploration	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1

2492	MF1-22, Str. 2	Bench Exploration	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2492	MF1-22, Str. 2	Bench Exploration	Bowl Rim	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2492	MF1-22, Str. 2	Bench Exploration	Jar Rim	Slip Eroded	UK	UK	UK	UK	4
2492	MF1-22, Str. 2	Bench Exploration	Bowl Rim	Slip Eroded	UK	UK	UK	UK	4
2492	MF1-22, Str. 2	Bench Exploration	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	2
2428	MF1-22, Str. 3	Top FL 4	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2428	MF1-22, Str. 3	Top FL 4	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2428	MF1-22, Str. 3	Top FL 4	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2428	MF1-22, Str. 3	Top FL 4	Bowl Base, thick ring base	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2428	MF1-22, Str. 3	Top FL 4	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2428	MF1-22, Str. 3	Top FL 4	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	3
2428	MF1-22, Str. 3	Top FL 4	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	1
2431	MF1-22, Str. 3	Top & Middle Trench	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2431	MF1-22, Str. 3	Top & Middle Trench	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2434	MF1-22, Str. 3	W & Below FL 4	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2434	MF1-22, Str. 3	W & Below FL 4	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2434	MF1-22, Str. 3	W & Below FL 4	Bowl Base	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2434	MF1-22, Str. 3	W & Below FL 4	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2434	MF1-22, Str. 3	W & Below FL 4	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1

2434	MF1-22, Str. 3	W & Below FL 4	Pedestal Base, Large & thick	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2434	MF1-22, Str. 3	W & Below FL 4	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	5
2434	MF1-22, Str. 3	W & Below FL 4	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	6
2434	MF1-22, Str. 3	W & Below FL 4	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Mammiform Foot	Gavilan Black-on-orange	Floral Park	Aguacate	Holmul Orange	Floral Park	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Jar Rim	Monkey Falls Striated	Floral Park	Monkey Falls	Uaxactun U	Floral Park	3
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Rim, ~same vessel. Small recurving bowl	Aguila Orange	Hermitage	Aguila	Peten Gloss	Floral Park	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Base, ~same vessel. Small recurving bowl	Aguila Orange	Hermitage	Aguila	Peten Gloss	Floral Park	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Jar Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	5
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Rim	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Bowl Body	Tres Mujeres Mottled	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	5
2437	MF1-22, Str. 3	Bottom Trench Topsoil	Jar Neck	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2437	MF1-22	Bottom Trench Topsoil	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2447	MF1-22, Str. 3	Top FL 3	Bowl Body, w/ punctated applique ridge	Puletan Red-&-U	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1

2447	MF1-22, Str. 3	Top FL 3	Bowl Body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2447	MF1-22, Str. 3	Top FL 3	Bowl Rim, Burnt	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2449	MF1-22, Str. 3	Trench Top FL 1	Bowl Rim, Glossy Brown Int.: 10YR 5/4, 5/6; Matte red Ext.: 2.5YR 6/6; Thick incurving bowl w/ direct rim & round lip: 1.2 cm thick; calcite temper. Brown/tan paste, completely oxidized.	UK Dichrome	Mt. Hope/Floral Park	UK	UK	UK	1
2471	MF1-22, Str. 3	Under FL 4	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2482	MF1-22, Str. 3	Above Plaza FL	Bowl Rim	Balanza Black	Hermitage	Balanza	Peten Gloss	Tzakol	1
2482	MF1-22, Str. 3	Above Plaza FL	Bowl scutate Lid	Balanza Black	Hermitage	Balanza	Peten Gloss	Tzakol	1
2482	MF1-22, Str. 3	Above Plaza FL	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2482	MF1-22, Str. 3	Above Plaza FL	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2482	MF1-22, Str. 3	Above Plaza FL	Bowl Base, ring base	Slip Eroded	UK Classic	UK	UK	UK	1
2482	MF1-22, Str. 3	Above Plaza FL	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2482	MF1-22, Str. 3	Above Plaza FL	Bowl Base, part of a foot scar	UK red monochrome	UK Classic	UK	UK	UK	1
2458	MF1-22, Str. 4	BU 6	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2458	MF1-22, Str. 4	BU 6	Bowl Body, basal flanges	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	3
2458	MF1-22, Str. 4	BU 6	Bowl Base, ring base	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1

2458	MF1-22, Str. 4	BU 6	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2458	MF1-22, Str. 4	BU 6	Jar Body	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2459	MF1-22, Str. 4	S Trench	Jar Rim	Sapote Striated	Barton Creek	Sapote	Uaxactun U	Chicanel	1
2459	MF1-22, Str. 4	S Trench	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2459	MF1-22, Str. 4	S Trench	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2459	MF1-22, Str. 4	S Trench	Jar Rim	Puletan Red-&-U	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2459	MF1-22, Str. 4	S Trench	Jar Rim	Monkey Falls Striated	Floral Park	Monkey Falls	Uaxactun U	Floral Park	1
2459	MF1-22, Str. 4	S Trench	Bowl Rim	Aguila Orange, basal flanges	Hermitage	Aguila	Peten Gloss	Tzakol	2
2459	MF1-22, Str. 4	S Trench	Bowl Body	Aguila Orange, basal flanges	Hermitage	Aguila	Peten Gloss	Tzakol	6
2459	MF1-22, Str. 4	S Trench	Bowl Rim	Balanza Black, Basal flange	Hermitage	Balanza	Peten Gloss	Tzakol	1
2459	MF1-22, Str. 4	S Trench	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2459	MF1-22, Str. 4	S Trench	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2459	MF1-22, Str. 4	S Trench	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2459	MF1-22, Str. 4	S Trench	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	7
2459	MF1-22, Str. 4	S Trench	Bowl Rim, narrow basal flange/ridge	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	1
2459	MF1-22, Str. 4	S Trench	Bowl Body	Caramba Red-on-orange	Mt. Hope	Sacluc	Paso Caballo Waxy	Chicanel	1
2459	MF1-22, Str. 4	S Trench	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2459	MF1-22, Str. 4	S Trench	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2459	MF1-22, Str. 4	S Trench	Foot, Globular & broken; ~mammiform	Slip Eroded	UK Classic	UK	UK	UK	1

2459	MF1-22, Str. 4	S Trench	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	3
2459	MF1-22, Str. 4	S Trench	Bowl Base, thick flat bottom; w/ Int. "dimple"	UK U	UK Classic	UK	UK	UK	1
2459	MF1-22, Str. 4	S Trench	Jar Neck	UK U Striated	UK Classic	UK	Uaxactun U	UK	3
2459	MF1-22, Str. 4	S Trench	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	4
2461	MF1-22, Str. 4	Center Trench	Jar Rim	Puletan Red-&-U	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2461	MF1-22, Str. 4	Center Trench	Jar Rim	Chan Pond U	Floral Park	Chan Pond	Uaxactun U	Floral Park	2
2461	MF1-22, Str. 4	Center Trench	Bowl Rim, 1 basal flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	4
2461	MF1-22, Str. 4	Center Trench	Bowl Body	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2461	MF1-22, Str. 4	Center Trench	Bowl Base, ring bases	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2461	MF1-22, Str. 4	Center Trench	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2461	MF1-22, Str. 4	Center Trench	Bowl Body, Basal flange	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2461	MF1-22, Str. 4	Center Trench	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2461	MF1-22, Str. 4	Center Trench	Bowl Body, Sierra Red"" basal flange	Rio Bravo Red	Mt. Hope	Rio Bravo	Paso Caballo Waxy	Chicanel	1
2461	MF1-22, Str. 4	Center Trench	Bowl Rim	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2461	MF1-22, Str. 4	Center Trench	Jar Rim, Out of place? ~mixed in during process	Tu-Tu Camp Striated [see note]	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2461	MF1-22, Str. 4	Center Trench	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	7
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Body, basal flanges	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	3

2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Base, ring basev	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Rim, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Rim	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	2
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Body, Basal flange	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	1
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Bowl Base, ring	Slip Eroded	UK Classic	UK	UK	UK	3
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Jar Rim	UK U	UK Classic	UK	UK	UK	3
2478	MF1-22, Str. 4	Topsoil & Wall Clean Up	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2494	MF1-22, Str. 4	Wall Cleaning	Bowl Rim, Burnt	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2494	MF1-22, Str. 4	Wall Cleaning	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2494	MF1-22, Str. 4	Wall Cleaning	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2494	MF1-22, Str. 4	Wall Cleaning	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2494	MF1-22, Str. 4	Wall Cleaning	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2496	MF1-22, Str. 4	N Trench Topsoil	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	5
2496	MF1-22, Str. 4	N Trench Topsoil	Bowl Body, Basal flange	Balanza Black	Hermitage	Balanza	Peten Gloss	Tzakol	1
2496	MF1-22, Str. 4	N Trench Topsoil	Bowl Rim, Burnt	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2496	MF1-22, Str. 4	N Trench Topsoil	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1

2496	MF1-22, Str. 4	N Trench Topsoil	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2496	MF1-22, Str. 4	N Trench Topsoil	Appendage, ~bird head	Slip Eroded	UK	UK	UK	UK	1
2496	MF1-22, Str. 4	N Trench Topsoil	Strap H&le	UK U	UK	UK	UK	UK	1
2496	MF1-22, Str. 4	N Trench Topsoil	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2427	MF1-22 Plaza Test Pit (PTP)	Top Fill	Bowl Rim, Flat bottom w/ groove incising on everted rim	Laguna Verde Incised	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2427	MF1-22, PTP	Top Fill	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2427	MF1-22 PTP	Top Fill	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	5
2427	MF1-22 PTP	Top Fill	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	5
2427	MF1-22 PTP	Top Fill	Bowl Rim	Lucha Incised	Hermitage	Balanza	Peten Gloss	Tzakol	1
2427	MF1-22 PTP	Top Fill	Bowl Body, small basal flange	Lucha Incised	Hermitage	Balanza	Peten Gloss	Tzakol	1
2427	MF1-22 PTP	Top Fill	Bowl Rim	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	1
2427	MF1-22 PTP	Top Fill	Slab Foot	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	1
2427	MF1-2 PTP 2	Top Fill	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2427	MF1-22 PTP	Top Fill	Bowl Body	Tres Mujeres Mottled	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2427	MF1-22 PTP	Top Fill	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	6
2427	MF1-22 PTP	Top Fill	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	2
2427	MF1-22 PTP	Top Fill	Bowl Rim	Saxche Orange Polychrome	Tiger Run	Saxche	Peten Gloss	Tepeu 1	1
2427	MF1-22 PTP	Top Fill	Jar Rim	Slip Eroded	UK	UK	UK	UK	5

2427	MF1-22 PTP	Top Fill	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2446	MF1-22 PTP	FL 2	Jar Neck	UK U	UK	UK	UK	UK	1
2453	MF1-22 PTP	FL 2 Fill	Bowl Rim, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2453	MF1-22 PTP	FL 2 Fill	Bowl Body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2453	MF1-22 PTP	FL 2 Fill	Bowl Base, ring base	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2474	MF1-22 PTP	First FL	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2474	MF1-22 PTP	First FL	Bowl Base, ring base	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2474	MF1-22 PTP	First FL	Jar Neck	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2488	MF1-22 PTP	Fill Below FL 4	Bowl Rim	UK Classic	UK Classic	UK	UK	UK	1
2488	MF1-22 PTP	Fill Below FL 4	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2358	MF1-3	W Trench Above FL	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	5
2358	MF1-3	W Trench Above FL	Jar Body	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2358	MF1-3	W Trench Above FL	Spout, eroded chocolate pot; circular spout	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2358	MF1-3	W Trench Above FL	Bowl Body, basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2358	MF1-3	W Trench Above FL	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	3
2358	MF1-3	W Trench Above FL	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2358	MF1-3	W Trench Above FL	Bowl Rim, basal flange	~Flor Cream	Mt. Hope	Flor	Paso Caballo Waxy	Chicanel	1
2358	MF1-3	W Trench Above FL	Bowl Rim	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	2
2358	MF1-3	W Trench Above FL	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	4

2358	MF1-3	W Trench Above FL	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	4
2358	MF1-3	W Trench Above FL	Jar Rim, 1 w/ applique buttons	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	3
2358	MF1-3	W Trench Above FL	Bowl Body, Highly eroded	~Chunhuitz Orange	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	1
2358	MF1-3	W Trench Above FL	Bowl Rim	Dolphin Head Red	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2358	MF1-3	W Trench Above FL	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2358	MF1-3	W Trench Above FL	Bowl Rim	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2358	MF1-3	W Trench Above FL	Bowl Body	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2358	MF1-3	W Trench Above FL	Bowl Rim	Rubber Camp Brown	SL 1-2	Rubber Camp	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2358	MF1-3	W Trench Above FL	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	7
2358	MF1-3	W Trench Above FL	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3
2358	MF1-3	W Trench Above FL	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	3
2358	MF1-3	W Trench Above FL	Pedestal Base	UK red monochrome	UK Classic	UK	UK	UK	1
2358	MF1-3	W Trench Above FL	Bowl Base, ring bases	UK red monochrome	UK Classic	UK	UK	UK	5
2366	MF1-3	N Trench Fill	Dish Rim, Flaring sided	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2366	MF1-3	N Trench Fill	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2366	MF1-3	N Trench Fill	Bowl Rim	Puletan Red-&-U	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	3
2366	MF1-3	N Trench Fill	Bowl Body, Basal flange	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2366	MF1-3	N Trench Fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	3
2366	MF1-3	N Trench Fill	Bowl Body, basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2366	MF1-3	N Trench Fill	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	2
2366	MF1-3	N Trench Fill	Plate Body, ridged plate	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2366	MF1-3	N Trench Fill	Bowl Rim	Slip Eroded	UK	UK	UK	UK	7
2366	MF1-3	N Trench Fill	Bowl Base, ring base	UK red monochrome	UK Classic	UK	UK	UK	1
2367	MF1-3	N Trench Top Fill	Jar Body	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2367	MF1-3	N Trench Top Fill	Bowl Body, basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	2

2367	MF1-3	N Trench Top Fill	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2367	MF1-3	N Trench Top Fill	Jar Rim, From same large jar; Rim: 2.5 cm thick	Alexander U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	4
2367	MF1-3	N Trench Top Fill	Jar Rim, Late; Diameter: 50 cm; Wall: 1.5 cm thick	Tu-Tu Camp Striated	SL 2	Tu-Tu Camp	Uaxactun U	Tepeu 3/ SL	1
2369	MF1-3	Top Central Fill	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2369	MF1-3	Top Central Fill	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2369	MF1-3	Top Central Fill	Bowl Rim	Dolphin Head Red	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2369	MF1-3	Top Central Fill	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2369	MF1-3	Top Central Fill	Jar Body	Puhui Zibal Composite	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2369	MF1-3	Top Central Fill	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	5
2369	MF1-3	Top Central Fill	Bowl Rim	Slip Eroded	UK	UK	UK	UK	2
2373	MF1-3	S Trench Top of mound	Bowl Body	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2373	MF1-3	S Trench Top of mound	Bowl Body, Basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2373	MF1-3	S Trench Top of mound	Jar Rim, ~Minanha Red	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2373	MF1-3	S Trench Top of mound	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2373	MF1-3	S Trench Top of mound	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2373	MF1-3	S Trench Top of mound	Plate Rim, ridged plate	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2373	MF1-3	S Trench Top of mound	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	3
2386	MF1-3	W Trench	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2386	MF1-3	W Trench	Bowl Body, basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2386	MF1-3	W Trench	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2386	MF1-3	W Trench	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	5
2386	MF1-3	W Trench	Jar Neck	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	5
2386	MF1-3	W Trench	Bowl Body, basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2386	MF1-3	W Trench	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1

2386	MF1-3	W Trench	Bowl Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	3
2386	MF1-3	W Trench	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2386	MF1-3	W Trench	Bowl Rim, ~Sierra Red?	UK red monochrome	UK	UK	UK	UK	2
2392	MF1-3	S of S Wall	Bowl Body, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2392	MF1-3	S of S Wall	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2392	MF1-3	S of S Wall	Jar Body	UK red monochrome	UK Classic	UK	UK	UK	1
2399	MF1-3	S of S Trench Low Trash	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	7
2399	MF1-3	S of S Trench Low Trash	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	6
2399	MF1-3	S of S Trench Low Trash	Bowl Run	Slip Eroded	UK	UK	UK	UK	3
2401	MF1-3	Top WE Intra Wall Fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2401	MF1-3	Top WE Intra Wall Fill	Bowl Body	Lagartos Punctated	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2401	MF1-3	Top WE Intra Wall Fill	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2401	MF1-3	Top WE Intra Wall Fill	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Body, Basal flange	Aguacate Orange	Floral Park	Aguacate	Holmul Orange	Floral Park	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Body, Basal flanges	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	4
2402	MF1-3	N Trench Edge Lower FL Fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	4
2402	MF1-3	N Trench Edge Lower FL Fill	Jar Neck	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Body, basal flanges	Rio Bravo Red	Mt. Hope	Rio Bravo	Paso Caballo Waxy	Chicanel	2
2402	MF1-3	N Trench Edge Lower FL Fill	Drum, fragment	~Macal Orange-red	Tiger Run	Macal	Unspecified	Tiger Run	1
2402	MF1-3	N Trench Edge Lower FL Fill	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	2

2402	MF1-3	N Trench Edge Lower FL Fill	Plate Body	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Rim	Slip Eroded	UK	UK	UK	UK	3
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Base	UK black monochrome	UK Classic	UK	UK	UK	1
2402	MF1-3	N Trench Edge Lower FL Fill	Bowl Base, ring base	UK red monochrome	UK Classic	UK	UK	UK	1
2412	MF1-3	Top Center Lower Fl	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2412	MF1-3	Top Center Lower Fl	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	2
2416	MF1-3	N Trench Above FL	Bowl Body, basal flanges	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2416	MF1-3	N Trench Above FL	Bowl Rim, Recurving small bowl w/ ridge	Flor Cream	Mt. Hope	Flor	Paso Caballo Waxy	Chicanel	1
2416	MF1-3	N Trench Above FL	Bowl Rim, highly eroded; ~i.d. based on form	Slip Eroded	SL 1-2	UK	UK	Tepeu 2-3/ SL	1
2416	MF1-3	N Trench Above FL	Plate Rim, eroded	UK red monochrome	Tiger Run	UK	UK	Tepeu 1	2
2416	MF1-3	N Trench Above FL	Jar Body, thick	UK U	UK	UK	UK	UK	1
2419	MF1-3	Top Center Deep Fill	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2419	MF1-3	Top Center Deep Fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2423	MF1-3	Above E Side FL	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2423	MF1-3	Above E Side FL	Jar Neck	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2423	MF1-3	Above E Side FL	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2423	MF1-3	Above E Side FL	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	3
2423	MF1-3	Above E Side FL	Jar Rim, straight short neck	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2423	MF1-3	Above E Side FL	Bowl Rim, eroded	~Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2423	MF1-3	Above E Side FL	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	1
2359	MF1-4	Top Fill Above FL	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1

2359	MF1-4	Top Fill Above FL	Bowl Body, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2359	MF1-4	Top Fill Above FL	Plate Rim, ridged plate	Slip Eroded	Tiger Run	UK	UK	Tepeu 1	1
2359	MF1-4	Top Fill Above FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	5
2359	MF1-4	Top Fill Above FL	Jar Neck, thick	UK U	UK	UK	UK	UK	1
2359	MF1-4	Top Fill Above FL	Strap handle, wide	UK U	UK	UK	UK	UK	1
2359	MF1-4	Top Fill Above FL	Bowl Base, 1 ring base	Slip Eroded	UK Classic	UK	UK	UK	2
2375	MF1-4	Topsoil above FL	Bowl Body, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2375	MF1-4	Topsoil above FL	Plate Rim, ridged plate	Slip Eroded	Tiger Run	UK	UK	Tepeu 1	2
2375	MF1-4	Topsoil above FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	9
2375	MF1-4	Topsoil above FL	Foot, Hollow & small	Slip Eroded	UK Classic	UK	UK	UK	1
2393	MF1-4	E Cobble Fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2393	MF1-4	E Cobble Fill	Foot, Hollow globular rattle foot w/ side vent hole	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2393	MF1-4	E Cobble Fill	Bowl Body, basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2393	MF1-4	E Cobble Fill	Bowl Base, ring bases	UK red monochrome	UK Classic	UK	UK	UK	3
2396	MF1-4	W Int. Room	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2396	MF1-4	W Int. Room	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2396	MF1-4	W Int. Room	Bowl Body, Basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2396	MF1-4	W Int. Room	Jar Rim, Small; short straight neck	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2396	MF1-4	W Int. Room	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2396	MF1-4	W Int. Room	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	3
2412	MF1-4	Top Fill Lower FL	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2412	MF1-4	Top Fill Lower FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2412	MF1-4	Top Fill Lower FL	Bowl Body, Ridged bowl	Slip Eroded	UK	UK	UK	UK	1
2412	MF1-4	Top Fill Lower FL	Bowl Body, ash paste but flanged bowl	Slip Eroded	UK Classic	UK	UK	UK	1

2417	MF1-4	Below FL Center	Bowl Base	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2417	MF1-4	Below FL Center	Jar Rim, w/ applique fillet	Chan Pond U	Floral Park	Chan Pond	Uaxactun U	Floral Park	1
2417	MF1-4	Below FL Center	Bowl Rim, typical Late Preclassic Form	Slip Eroded	UK	UK	UK	UK	
2417	MF1-4	Below FL Center	Jar Neck	UK U Striated	UK	UK	Uaxactun U	UK	1
2417	MF1-4	Below FL Center	Bowl Base, ring base	Slip Eroded	UK Classic	UK	UK	UK	1
2467	MF1-86	Plow Zone	Jar Neck	Polvero Black	Barton Creek	Polvero	Paso Caballo Waxy	Chicanel	1
2467	MF1-86	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3
2467	MF1-86	Plow Zone	Bowl Body, ridged bowl	Aguacate Orange	Floral Park	Aguacate	Holmul Orange	Floral Park	2
2467	MF1-86	Plow Zone	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2467	MF1-86	Plow Zone	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	7
2467	MF1-86	Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	6
2467	MF1-86	Plow Zone	Bowl Body, basal flanges	Rio Bravo Red	Mt. Hope	Rio Bravo	Paso Caballo Waxy	Chicanel	5
2467	MF1-86	Plow Zone	Bowl Base, w/ fine line incising	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2467	MF1-86	Plow Zone	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2467	MF1-86	Plow Zone	Scutate Lid, ~Dos Arroyos Orange Polychrome	Slip Eroded	UK	UK	UK	UK	1
2467	MF1-86	Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	6
2467	MF1-86	Plow Zone	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2467	MF1-86	Plow Zone	Jar Neck	Slip Eroded	UK	UK	UK	UK	1
2467	MF1-86	Plow Zone	Body Sherd	Slip Eroded	UK	UK	UK	UK	1
2467	MF1-86	Plow Zone	Jar Body	UK U Striated	UK	UK	Uaxactun U	UK	2
2467	MF1-86	Plow Zone	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	2
2479	MF1-86	Upper Plow Zone	Jar Rim	Paila U	Barton Creek	Paila	Uaxactun U	Chicanel	1
2479	MF1-86	Upper Plow Zone	Bowl Rim, 1 recurving	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	7

2479	MF1-86	Upper Plow Zone	Bowl Body, 1 recurving; two w/ medial ridge	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3
2479	MF1-86	Upper Plow Zone	Bowl Rim	Aguacate Orange	Floral Park	Aguacate	Holmul Orange	Floral Park	1
2479	MF1-86	Upper Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	3
2479	MF1-86	Upper Plow Zone	Bowl Body, basal flanges	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	13
2479	MF1-86	Upper Plow Zone	Bowl Rim, highly eroded	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2479	MF1-86	Upper Plow Zone	Bowl body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2479	MF1-86	Upper Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	7
2479	MF1-86	Upper Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	13
2479	MF1-86	Upper Plow Zone	Jar Rim	Slip Eroded	UK	UK	UK	UK	3
2479	MF1-86	Upper Plow Zone	Strap handle, large & thick	UK U	UK	UK	UK	UK	1
2479	MF1-86	Upper Plow Zone	Jar Neck	UK U Striated	UK	UK	Uaxactun U	UK	4
2497	MF1-86	Lower Plow Zone	Bowl Body, Recurving small bowl	Aguacate Orange	Floral Park	Aguacate	Holmul Orange	Floral Park	1
2497	MF1-86	Lower Plow Zone	Slab Foot, Cacao bean applique. large. Hollow;	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2497	MF1-86	Lower Plow Zone	Bowl Body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2497	MF1-86	Lower Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2497	MF1-86	Lower Plow Zone	Jar Neck	UK U	UK	UK	UK	UK	1
2481	MF1-92	Plow Zone	Jar Rim	Paila U	Barton Creek	Paila	Uaxactun U	Chicanel	1
2481	MF1-92	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3
2481	MF1-92	Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2481	MF1-92	Plow Zone	Bowl Body	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2481	MF1-92	Plow Zone	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2481	MF1-92	Plow Zone	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	3
2481	MF1-92	Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2

2481	MF1-92	Plow Zone	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	5
2481	MF1-92	Plow Zone	Bowl Body	Tres Mujeres Mottled	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2481	MF1-92	Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	4
2481	MF1-92	Plow Zone	Bowl Rim	UK Classic	UK Classic	UK	UK	UK	1
2491	MF1-92	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	6
2491	MF1-92	Plow Zone	Bowl Rim	Aguacate Orange	Floral Park	Aguacate	Holmul Orange	Floral Park	1
2491	MF1-92	Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2491	MF1-92	Plow Zone	Bowl Base	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	3
2491	MF1-92	Plow Zone	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2491	MF1-92	Plow Zone	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2491	MF1-92	Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2491	MF1-92	Plow Zone	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2491	MF1-92	Plow Zone	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	5
2491	MF1-92	Plow Zone	Bowl Rim	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2491	MF1-92	Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	2
2491	MF1-92	Plow Zone	Jar Rim	Slip Eroded	UK	UK	UK	UK	2
2491	MF1-92	Plow Zone	Jar Neck	UK U Striated	UK	UK	Uaxactun U	UK	2
2493	MF1-92	Cobble Fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2493	MF1-92	Cobble Fill	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2493	MF1-92	Cobble Fill	Bowl Rim	Hewlett Bank U	Hermitage	Hewlett Bank	Unspecified	Tzakol	1
2493	MF1-92	Cobble Fill	Bowl Body	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2493	MF1-92	Cobble Fill	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2493	MF1-92	Cobble Fill	Jar Rim	UK U	UK	UK	UK	UK	2
2493	MF1-92	Cobble Fill	Jar Neck	UK U	UK	UK	UK	UK	2
2486	MF2-24	Platform Surface	Jar Rim	Cayo U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	3
2501	MF2-24	Mound Surface	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1

2501	MF2-24	Mound Surface	Jar Rim	Alex&ers U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	2
2501	MF2-24	Mound Surface Collection	Jar Body	UK U Striated	UK	UK	Uaxactun U	UK	1
2501	MF2-24	Mound Surface	Basin Rim	Eroded Red Monochrome	UK Classic	UK	UK	UK	1
2485	MF2-34	Top SW Side Topsoil	Jar Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2485	MF2-34	Top SW Side Topsoil	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2485	MF2-34	Top SW Side Topsoil	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	2
2485	MF2-34	Top SW Side Topsoil	Jar Rim	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2485	MF2-34	Top SW Side Topsoil	Bowl Base	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2485	MF2-34	Top SW Side Topsoil	Jar Rim	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	1
2485	MF2-34	Top SW Side Topsoil	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2485	MF2-34	Top SW Side Topsoil	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2485	MF2-34	Top SW Side Topsoil	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	6
2485	MF2-34	Top SW Side Topsoil	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2485	MF2-34	Top SW Side Topsoil	Bowl Rim	UK U	UK	UK	UK	UK	1
2485	MF2-34	Top SW Side Topsoil	Bowl Base	UK Classic	UK Classic	UK	UK	UK	1
2485	MF2-34	Top SW Side Topsoil	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2487	MF2-34	Top NW Side Topsoil	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2487	MF2-34	Top NW Side Topsoil	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2487	MF2-34	Top NW Side Topsoil	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2487	MF2-34	Top NW Side Topsoil	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2487	MF2-34	Top NW Side Topsoil	Plate Body	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2487	MF2-34	Top NW Side Topsoil	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2487	MF2-34	Top NW Side Topsoil	Jar Rim	UK U	UK Classic	UK	UK	UK	2
2495	MF2-34	Top E Side Topsoil	Bowl Body	Polvero Black	Barton Creek	Polvero	Paso Caballo Waxy	Chicanel	1
2495	MF2-34	Top E Side Topsoil	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3

2495	MF2-34	Top E Side Topsoil	Bowl Rim	Sierra Red	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2495	MF2-34	Top E Side Topsoil	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2495	MF2-34	Top E Side Topsoil	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2495	MF2-34	Top E Side Topsoil	Jar Rim	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2495	MF2-34	Top E Side Topsoil	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	3
2495	MF2-34	Top E Side Topsoil	Bowl Base	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2495	MF2-34	Top E Side Topsoil	Bowl Rim	Chilar Fluted	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2495	MF2-34	Top E Side Topsoil	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2495	MF2-34	Top E Side Topsoil	Bowl Rim	Slip Eroded	SL 1-2	UK	UK	Tepeu 2-3/ SL	4
2495	MF2-34	Top E Side Topsoil	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	6
2495	MF2-34	Top E Side Topsoil	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2495	MF2-34	Top E Side Topsoil	Jar Body	UK U	UK	UK	UK	UK	1
2495	MF2-34	Top E Side Topsoil	Jar Body	UK U Striated	UK	UK	Uaxactun U	UK	
2495	MF2-34	Top E Side Topsoil	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	10
2498	MF2-34	Top Topsoil	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2498	MF2-34	Top Topsoil	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	3
2498	MF2-34	Top Topsoil	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	4
2498	MF2-34	Top Topsoil	Jar Body	UK U Striated	UK	UK	Uaxactun U	UK	1
2498	MF2-34	Top Topsoil	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2502	MF2-34	Top E Side Topsoil	Jar Rim	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2502	MF2-34	Top E Side Topsoil	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3
2502	MF2-34	Top E Side Topsoil	Jar Rim	Yaha Creek Cream	SL 1-2	Yaha Creek	Unspecified	Tepeu 2-3/ SL	1
2502	MF2-34	Top E Side Topsoil	Bowl Base	Slip Eroded	UK Classic	UK	UK	UK	2
2502	MF2-34	Top E Side Topsoil	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2504	MF2-34	E Side Topsoil	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2504	MF2-34	E Side Topsoil	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2504	MF2-34	E Side Topsoil	Bowl Base	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1

2504	MF2-34	E Side Topsoil	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2504	MF2-34	E Side Topsoil	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2504	MF2-34	E Side Topsoil	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2504	MF2-34	E Side Topsoil	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	3
2504	MF2-34	E Side Topsoil	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2504	MF2-34	E Side Topsoil	Bowl Base	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2504	MF2-34	E Side Topsoil	Bowl Base	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2504	MF2-34	E Side Topsoil	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	5
2504	MF2-34	E Side Topsoil	Pedestal Base	Slip Eroded	SL 1-2	UK	UK	Tepeu 2-3/ SL	1
2504	MF2-34	E Side Topsoil	Bowl Base	Slip Eroded	SL 1-2	UK	UK	Tepeu 2-3/ SL	1
2504	MF2-34	E Side Topsoil	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2504	MF2-34	E Side Topsoil	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	3
2504	MF2-34	E Side Topsoil	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2504	MF2-34	E Side Topsoil	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2462	MF2-35	Top W Side Trench	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2462	MF2-35	Top W Side Trench	Bowl Body	Lucha Incised	Hermitage	Balanza	Peten Gloss	Tzakol	1
2462	MF2-35	Top W Side Trench	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2462	MF2-35	Top W Side Trench	Bowl Rim	Dolphin Head Red	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	2
2462	MF2-35	Top W Side Trench	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2462	MF2-35	Top W Side Trench	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2462	MF2-35	Top W Side Trench	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2484	MF2-35	N-S Trench S Side	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	2
2484	MF2-35	N-S Trench S Side	Drum Body?	UK red monochrome	UK	UK	UK	UK	1
2489	MF2-35	W Trench Topsoil	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2489	MF2-35	W Trench Topsoil	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2489	MF2-35	W Trench Topsoil	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1

2490	MF2-35	Center mound Top Fill	Bowl Rim	Lagartos Punctated	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2490	MF2-35	Center mound Top Fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2490	MF2-35	Center mound Top Fill	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2490	MF2-35	Center mound Top Fill	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2499	MF2-35	Top Unit Above Ceramic Cluster	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2499	MF2-35	Top Unit Above Ceramic Cluster	Drum Base?	Macal Orange-red	Tiger Run	Macal	Unspecified	Tiger Run	1
2500	MF2-35	N-S Trench Center S Fill	Bowl Rim	Sierra Red (Special)	Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	1
2500	MF2-35	N-S Trench Center S Fill	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	1
2500	MF2-35	N-S Trench Center S Fill	Drum?	Macal Orange-red	Tiger Run	Macal	Unspecified	Tiger Run	2
2500	MF2-35	N-S Trench Center S Fill	Bowl Base	UK black monochrome	UK Classic	UK	UK	UK	1
2500	MF2-35	N-S Trench Center S Fill	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2503	MF2-35	Top Unit Ceramic Cluster	Bowl Rim	Society Hall Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2503	MF2-35	Top Unit Ceramic Cluster	Bowl Body	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	
2503	MF2-35	Top Unit Ceramic Cluster	Jar Body	Cayo U	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2503	MF2-35	Top Unit Ceramic Cluster	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	7
2503	MF2-35	Top Unit Ceramic Cluster	Drum Body?	Macal Orange-red	Tiger Run	Macal	Unspecified	Tiger Run	2
2382	MF5-1	W Room Int.	Bowl Base	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2382	MF5-1	W Room Int.	Bowl Base	Slip Eroded	UK Classic	UK	UK	UK	1
2382	MF5-1	W Room Int.	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2382	MF5-1	W Room Int.	Jar Body	UK U	UK U Striated	UK	Uaxactun U	UK	2
2391	MF5-1	S Wall Clean	Jar Body	UK red monochrome	UK	UK	UK	UK	3
2395	MF5-1	N Edge of N Trench	Bowl Rim	UK red monochrome	UK	UK	UK	UK	1

2395	MF5-1	N Edge of N Trench	Bowl Body	UK red monochrome	UK	UK	UK	UK	1
2400	MF5-1	S Lower FL	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2400	MF5-1	S Lower FL	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2400	MF5-1	S Lower FL	Bowl Body	Slip Eroded	UK	UK	UK	UK	1
2402	MF5-1	W Trench Plow Zone	Jar Neck	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	1
2402	MF5-1	W Trench Plow Zone	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	3
2402	MF5-1	W Trench Plow Zone	Slab Foot	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2402	MF5-1	W Trench Plow Zone	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2402	MF5-1	W Trench Plow Zone	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2402	MF5-1	W Trench Plow Zone	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2402	MF5-1	W Trench Plow Zone	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	3
2402	MF5-1	W Trench Plow Zone	Jar Rim	Slip Eroded	UK	UK	UK	UK	2
2402	MF5-1	W Trench Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	6
2403	MF5-1	On Surface	Jar Body	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	1
2403	MF5-1	On Surface	Jar Rim	Cayo U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	1
2410	MF5-1	SW Top Mound Lower FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2411	MF5-1	Mound Center Lower FL	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2411	MF5-1	Mound Center Lower FL	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2418	MF5-1	Top Center Below Lower FL fill	Bowl Body	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2418	MF5-1	Top Center Below Lower FL fill	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2418	MF5-1	Top Center Below Lower FL fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2418	MF5-1	Top Center Below Lower FL fill	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2418	MF5-1	Top Center Below Lower FL fill	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2421	MF5-1	W Trench Edge	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2

2421	MF5-1	W Trench Edge	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2421	MF5-1	W Trench Edge	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2421	MF5-1	W Trench Edge	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2421	MF5-1	W Trench Edge	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2421	MF5-1	W Trench Edge	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2421	MF5-1	W Trench Edge	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2421	MF5-1	W Trench Edge	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2422	MF5-1	W Wall Clean	Bowl Body	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2422	MF5-1	W Wall Clean	Bowl Rim	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2422	MF5-1	W Wall Clean	Bowl Rim	Slip Eroded	UK	UK	UK	UK	1
2394	MF5-2	Center Bottom	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2394	MF5-2	Center Bottom	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2394	MF5-2	Center Bottom	Bowl Body, recurving small bowl w/ ridge	San Antonio Golden Brown	Mt. Hope	San Felipe	Paso Caballo Waxy	Chicanel	1
2394	MF5-2	Center Bottom	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2394	MF5-2	Center Bottom	Jar Neck	UK U	UK	UK	UK	UK	2
2394	MF5-2	Center Bottom	Bowl Body	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2398	MF5-2	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	5
2398	MF5-2	Plow Zone	Bowl Rim, Thin walled; unusual dark gray core on a tan paste; Eroded orange slip 5YR 5/8 to 5YR 6/8	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2398	MF5-2	Plow Zone	Bowl Body	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	4
2398	MF5-2	Plow Zone	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2398	MF5-2	Plow Zone	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	2

2398	MF5-2	Plow Zone	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2398	MF5-2	Plow Zone	Bowl Body	Chunhuitz Orange	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	1
2398	MF5-2	Plow Zone	Bowl Body	Martins Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2398	MF5-2	Plow Zone	Bowl Rim	Rubber Camp Brown	SL 1-2	Rubber Camp	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2398	MF5-2	Plow Zone	Bowl Body	Tres Mujeres Mottled	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2398	MF5-2	Plow Zone	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	1
2398	MF5-2	Plow Zone	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	6
2398	MF5-2	Plow Zone	Tecomate Rim, large & thick	UK U	UK	UK	UK	UK	1
2398	MF5-2	Plow Zone	Bowl Base	Slip Eroded	UK Classic	UK	UK	UK	2
2398	MF5-2	Plow Zone	Bowl Base, ring base	UK red monochrome	UK Classic	UK	UK	UK	1
2409	MF5-2	Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2409	MF5-2	Plow Zone	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	2
2409	MF5-2	Plow Zone	Plate Rim, ridged plate	Slip Eroded	Tiger Run	UK	UK	Tepeu 1	1
2409	MF5-2	Plow Zone	Bowl Rim	UK red monochrome	UK	UK	UK	UK	1
2409	MF5-2	Plow Zone	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	3
2379	MF5-3	BU 2	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	2
2379	MF5-3	BU 2	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2379	MF5-3	BU 2	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2379	MF5-3	BU 2	Jar Body	Egoista Resist	Tiger Run/SL 1	Unspecified	Unspecified	Tepeu 1-2	1
2379	MF5-3	BU 2	Jar Neck	UK U	UK	UK	UK	UK	2
2379	MF5-3	BU 2	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	1
2380	MF5-3	BU 1	Bowl Body, Basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2380	MF5-3	BU 1	Bowl Rim, multiple pieces (>100)- but only c. 25% of rim; Diameter: 15 cm	Garbutt Creek Red (Vessel 2)	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	5
2380	MF5-3	BU 1	Bowl Rim, multiple pieces- but only c. 25%	Rubber Camp Brown (Vessel 1)	SL 1-2	Rubber Camp	Pine Ridge Carbonate	Tepeu 2-3/ SL	2

			of rim; Diameter: 15 cm						
2380	MF5-3	BU 1	Bowl Base, ring base to above vessel?	Rubber Camp Brown (Vessel 1)	SL 1-2	Rubber Camp	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2380	MF5-3	BU 1	Jar Rim, 1 in 4 crumbly pieces	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2380	MF5-3	BU 1	Jar Body	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	16
2380	MF5-3	BU 1	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2380	MF5-3	BU 1	Bowl Rim	Saxche Orange Polychrome	Tiger Run	Saxche	Peten Gloss	Tepeu 1	1
2380	MF5-3	BU 1	Bowl Body	Slip Eroded	UK Classic	UK	UK	UK	1
2380	MF5-3	BU 1	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	3
2380	MF5-3	BU 1	Jar Body	UK red monochrome	UK Classic	UK	UK	UK	1
2388	MF5-3	Below Large Stone N	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	1
2397	MF5-3	Above BU 1	Bowl Body, basal flanges	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	4
2397	MF5-3	Above BU 1	Bowl Body, Basal flange w/ foot scar	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol, ~Terminal Preclassic	1
2397	MF5-3	Above BU 1	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	5
2397	MF5-3	Above BU 1	Bowl Rim	Slip Eroded	UK	UK	UK	UK	5
2397	MF5-3	Above BU 1	Bowl Body, small ridges	Slip Eroded	UK	UK	UK	UK	2
2397	MF5-3	Above BU 1	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	3
2402	MF5-3	Below compacted mud surface	Jar Rim	Sapote Striated	Barton Creek	Sapote	Uaxactun U	Chicanel	2
2402	MF5-3	Below compacted mud surface	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	3
2402	MF5-3	Below compacted mud surface	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	5
2402	MF5-3	Below compacted mud surface	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	3
2402	MF5-3	Below compacted mud surface	Bowl Body, basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2402	MF5-3	Below compacted mud surface	Bowl Rim, slightly recurving wall;	Slip Eroded	Hermitage	UK	UK	Tza~Terminal Preclassic kol	1

2402	MF5-3	Below compacted mud surface	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	3
2402	MF5-3	Below compacted mud surface	Bowl Rim	Slip Eroded	UK	UK	UK	UK	4
2402	MF5-3	Below compacted mud surface	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	3
2405	MF5-3	Above BU 2 N Unit	Bowl Rim, 1 Terminal Preclassic almost z-angle	Sierra Red	Barton Creek/ Mt. Hope	Sierra	Paso Caballo Waxy	Chicanel	2
2405	MF5-3	Above BU 2 N Unit	Bowl Body, Basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2405	MF5-3	Above BU 2 N Unit	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	5
2405	MF5-3	Above BU 2 N Unit	Bowl Base w/ foot scar	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2405	MF5-3	Above BU 2 N Unit	Plate Rim, ridged plate	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	2
2405	MF5-3	Above BU 2 N Unit	Jar Neck, burnt	UK U Striated	UK	UK	Uaxactun U	UK	1
2408	MF5-3	Plow Zone Above BU 2	Bowl Body, Z-angle; Early Tzakol	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2408	MF5-3	Plow Zone Above BU 2	Bowl Rim, Basal flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2408	MF5-3	Plow Zone Above BU 2	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	4
2408	MF5-3	Plow Zone Above BU 2	Jar Neck	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2408	MF5-3	Plow Zone Above BU 2	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2408	MF5-3	Plow Zone Above BU 2	Bowl Body, basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	3
2408	MF5-3	Plow Zone Above BU 2	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2408	MF5-3	Plow Zone Above BU 2	Jar Rim, ~Preclassic	UK U	UK	UK	UK	UK	1
2408	MF5-3	Plow Zone Above BU 2	Bowl Body	Slip Eroded	UK Classic	UK	UK	UK	2
2408	MF5-3	Plow Zone Above BU 2	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2408	MF5-3	Plow Zone Above BU 2	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	4
2414	MF5-3	Top of Compact Surface	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2414	MF5-3	Top of Compact Surface	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2414	MF5-3	Top of Compact Surface	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	3

2414	MF5-3	Top of Compact Surface	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2414	MF5-3	Top of Compact Surface	Bowl Rim, eroded basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	7
2414	MF5-3	Top of Compact Surface	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	4
2414	MF5-3	Top of Compact Surface	Plate Body, ridged plate	Slip Eroded	Tiger Run	UK	UK	Tepeu 1	1
2414	MF5-3	Top of Compact Surface	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2414	MF5-3	Top of Compact Surface	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	4
2420	MF5-3	Above large stone	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2420	MF5-3	Above large stone	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	1
2420	MF5-3	Above large stone	Plate Body, ridged plate	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	2
2420	MF5-3	Above large stone	Bowl Body, ring base	Slip Eroded	UK Classic	UK	UK	UK	1
2420	MF5-3	Above large stone	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2405	MF5-4	S Trench Plow Zone	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	2
2405	MF5-4	S Trench Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	2
2405	MF5-4	S Trench Plow Zone	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2405	MF5-4	S Trench Plow Zone	Cylinder Body, ~import; in 6 pieces	Portia Gouged Incised	SL 2	Tinaja	Peten Gloss	Tepeu 3/SL 2	1
2405	MF5-4	S Trench Plow Zone	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	6
2405	MF5-4	S Trench Plow Zone	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2405	MF5-4	S Trench Plow Zone	Bowl Body, part of a large bowl like a Vaca Falls or Roaring Creek	UK red monochrome	UK Classic	UK	UK	UK	1
2405	MF5-4	S Trench Plow Zone	Jar Neck	UK U Striated	UK Classic	UK	Uaxactun U	UK	2
2406	MF5-4	Plow Zone All Trenches	Bowl Body, basal flanges	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	6
2406	MF5-4	Plow Zone All Trenches	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2406	MF5-4	Plow Zone All Trenches	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	6

2406	MF5-4	Plow Zone All Trenches	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2406	MF5-4	Plow Zone All Trenches	Pedestal Base	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2406	MF5-4	Plow Zone All Trenches	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	3
2406	MF5-4	Plow Zone All Trenches	Jar Rim	Slip Eroded	UK	UK	UK	UK	2
2406	MF5-4	Plow Zone All Trenches	Bowl Rim	Slip Eroded	UK	UK	UK	UK	6
2406	MF5-4	Plow Zone All Trenches	Bowl Body	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2406	MF5-4	Plow Zone All Trenches	Bowl Rim	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2406	MF5-4	Plow Zone All Trenches	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	2
2415	MF5-4	Below Top FL	Bowl Base, Foot scar	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2415	MF5-4	Below Top FL	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2415	MF5-4	Below Top FL	Bowl Rim	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2415	MF5-4	Below Top FL	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2415	MF5-4	Below Top FL	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	1
2415	MF5-4	Below Top FL	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2415	MF5-4	Below Top FL	Bowl Base, ring base	Slip Eroded	UK Classic	UK	UK	UK	1
2430	MF5-4	Top Center Below FL	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2430	MF5-4	Top Center Below FL	Jar Neck	UK U	UK	UK	UK	UK	1
2430	MF5-4	Top Center Below FL	Bowl Rim, Looks Early Classic paste	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	2
2438	MF5-4	Upper Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2438	MF5-4	Upper Plow Zone	Bowl Rim, Small almost a z-angle, early?	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2438	MF5-4	Upper Plow Zone	Bowl Rim, Basal flange; close to a Rio Bravo Red	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2438	MF5-4	Upper Plow Zone	Bowl Rim, close to a Rio Bravo Red	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2438	MF5-4	Upper Plow Zone	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	4
2438	MF5-4	Upper Plow Zone	Bowl Rim	Achote Black	SL 1-2	Acote	Peten Gloss	Tepeu 2-3/ SL	1

2438	MF5-4	Upper Plow Zone	Plate Rim, ridged plate	Slip Eroded	Tiger Run	UK	UK	Tepeu 1	1
2438	MF5-4	Upper Plow Zone	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2441	MF5-4	W Trench Plow Zone Clean	Bowl Rim, Basal flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2441	MF5-4	W Trench Plow Zone Clean	Bowl Body, eroded basal flange	Dos Arroyos Orange Polychrome	Hermitage	Dos Arroyos	Peten Gloss	Tzakol	1
2441	MF5-4	W Trench Plow Zone Clean	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	7
2441	MF5-4	W Trench Plow Zone Clean	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2441	MF5-4	W Trench Plow Zone Clean	Sherd Disk, from a striated jar. Diameter: 6 cm	UK U Striated	UK	UK	Uaxactun U	UK	1
2441	MF5-4	W Trench Plow Zone Clean	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	2
2441	MF5-4	W Trench Plow Zone Clean	Bowl Base, ring base	UK red monochrome	UK Classic	UK	UK	UK	1
2441	MF5-4	W Trench Plow Zone Clean	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	2
2451	MF5-4	W Wall Exploration Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2451	MF5-4	W Wall Exploration Plow Zone	Bowl Body, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	3
2451	MF5-4	W Wall Exploration Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	3
2451	MF5-4	W Wall Exploration Plow Zone	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	1
2471	MF5-4	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	5
2471	MF5-4	Plow Zone	Bowl Body, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2471	MF5-4	Plow Zone	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2471	MF5-4	Plow Zone	Jar Rim	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	4
2471	MF5-4	Plow Zone	Jar Rim	Slip Eroded	UK	UK	UK	UK	2
2471	MF5-4	Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	9
2471	MF5-4	Plow Zone	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	4

2471	MF5-4	Plow Zone	Pedestal Base	UK red monochrome	UK Classic	UK	UK	UK	1
2472	MF5-4	c. 50 cm Above BU 3	Bowl Rim, Not quite flaring enough to be Roaring Creek Red but medial break w/ flaring wall above. Diameter: 35 cm	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2473	MF5-4	S Trench S of Platform FL	Jar Rim	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2473	MF5-4	S Trench S of Platform FL	Jar Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2378	MF5-5	Above Lower FL W Trench	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2378	MF5-5	Above Lower FL W Trench	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	1
2378	MF5-5	Above Lower FL W Trench	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2378	MF5-5	Above Lower FL W Trench	Bowl Rim	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2378	MF5-5	Above Lower FL W Trench	Bowl Base	Slip Eroded	UK Classic	UK	UK	UK	1
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	2
2387	MF5-5	Plow Zone N-S Trench	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	2
2387	MF5-5	Plow Zone N-S Trench	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2387	MF5-5	Plow Zone N-S Trench	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	3
2387	MF5-5	Plow Zone N-S Trench	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Slip Eroded	UK	UK	UK	UK	7
2387	MF5-5	Plow Zone N-S Trench	Bowl Rim	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2387	MF5-5	Plow Zone N-S Trench	Bowl Base	Slip Eroded	UK Classic	UK	UK	UK	2
2389	MF5-5	W Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2389	MF5-5	W Plow Zone	Bowl Body	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1

2389	MF5-5	W Plow Zone	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2389	MF5-5	W Plow Zone	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2389	MF5-5	W Plow Zone	Bowl Body	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2389	MF5-5	W Plow Zone	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	3
2389	MF5-5	W Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	2
2389	MF5-5	W Plow Zone	Bowl Body, ring bases	Slip Eroded	UK Classic	UK	UK	UK	2
2389	MF5-5	W Plow Zone	Jar Neck, ~Early Classic	UK red monochrome	UK Classic	UK	UK	UK	1
2426	MF5-5	BU 4	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2426	MF5-5	BU 4	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2426	MF5-5	BU 4	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2426	MF5-5	BU 4	Bowl Rim	Dolphin Head Red	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2426	MF5-5	BU 4	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2426	MF5-5	BU 4	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2426	MF5-5	BU 4	Jar Rim	Slip Eroded	UK	UK	UK	UK	1
2426	MF5-5	BU 4	Jar Body	UK U Striated	UK	UK	Uaxactun U	UK	2
2426	MF5-5	BU 4	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	1
2429	MF5-5	Cobble Fill	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	3
2429	MF5-5	Cobble Fill	Jar Rim	Mopan Striated	Hermitage	Mopan	Uaxactun U	Tzakol	7
2429	MF5-5	Cobble Fill	Bowl Body, eroded basal flange	Slip Eroded	Hermitage	UK	UK	Tzakol	1
2429	MF5-5	Cobble Fill	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2429	MF5-5	Cobble Fill	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2429	MF5-5	Cobble Fill	Bowl Body	Benque Viejo Polychrome	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	3
2429	MF5-5	Cobble Fill	Jar Rim	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	3
2429	MF5-5	Cobble Fill	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	6
2429	MF5-5	Cobble Fill	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	9
2429	MF5-5	Cobble Fill	Jar Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3

2429	MF5-5	Cobble Fill	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	3
2429	MF5-5	Cobble Fill	Jar Neck	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	2
2429	MF5-5	Cobble Fill	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	4
2429	MF5-5	Cobble Fill	Bowl Rim	Eroded Polychrome	UK Classic	UK	Peten Gloss	UK	1
2429	MF5-5	Cobble Fill	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	3
2435	MF5-5	Between 2 & 3 FLs	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2435	MF5-5	Between 2 & 3 FLs	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2435	MF5-5	Between 2 & 3 FLs	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	5
2435	MF5-5	Between 2 & 3 FLs	Plate Rim, ridged plate	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2435	MF5-5	Between 2 & 3 FLs	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	1
2442	MF5-5	N Trench Below Cobble	Jar Rim, in many pieces; Only c. 30% of rim; Diameter: 20 cm	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	1
2444	MF5-5	Between Top & Middle FLs	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1
2444	MF5-5	Between Top & Middle FLs	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	3
2444	MF5-5	Between Top & Middle FLs	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2444	MF5-5	Between Top & Middle FLs	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2444	MF5-5	Between Top & Middle FLs	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	1
2444	MF5-5	Between Top & Middle FLs	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2444	MF5-5	Between Top & Middle FLs	Bowl Rim	Saxche Orange Polychrome	Tiger Run	Saxche	Peten Gloss	Tepeu 1	1
2444	MF5-5	Between Top & Middle FLs	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	4
2445	MF5-5	S Trench Plow Zone Above FL	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2445	MF5-5	S Trench Plow Zone Above FL	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	2
2445	MF5-5	S Trench Plow Zone Above FL	Bowl Rim	UK red monochrome	UK Classic	UK	UK	UK	1
2452	MF5-5	Between Middle & Lower FLs	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	1

2452	MF5-5	Between Middle & Lower FLs	Jar Body	Pita Incised	Hermitage	Aguila	Peten Gloss	Tzakol	1
2452	MF5-5	Between Middle & Lower FLs	Jar Rim	Jones Camp Striated	Tiger Run	Jones Camp	Uaxactun U	Tepeu 1	2
2469	MF5-5	Plow Zone	Jar Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	2
2469	MF5-5	Plow Zone	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2469	MF5-5	Plow Zone	Bowl Body	UK red monochrome	UK Classic	UK	UK	UK	1
2469	MF5-5	Plow Zone	Jar Body	UK U Striated	UK Classic	UK	Uaxactun U	UK	1
2470	MF5-5	N Above Third FL	Jar Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	2
2470	MF5-5	N Above Third FL	Bowl Rim	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	6
2470	MF5-5	N Above Third FL	Bowl Body, eroded basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	2
2470	MF5-5	N Above Third FL	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2470	MF5-5	N Above Third FL	Bowl Rim	Chunhuitz Orange	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	1
2470	MF5-5	N Above Third FL	Bowl Base	Chunhuitz Orange	SL 1-2	Chunhuitz	Vinaceaous Tawny	Tepeu 2-3/ SL	1
2470	MF5-5	N Above Third FL	Bowl Rim, rounded lip	Mt. Maloney Black	SL 1-2	Mt. Maloney	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2470	MF5-5	N Above Third FL	Bowl Rim	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2470	MF5-5	N Above Third FL	Bowl Rim	Rubber Camp Brown	SL 1-2	Rubber Camp	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2470	MF5-5	N Above Third FL	Jar Rim, Largest diameter 25 cm	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	12
2470	MF5-5	N Above Third FL	Bowl Rim	Slip Eroded	UK Classic	UK	UK	UK	3
2390	MF5-6	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	11
2390	MF5-6	Plow Zone	Bowl Body, Basal flange	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2390	MF5-6	Plow Zone	Scutate Lid	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2390	MF5-6	Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2390	MF5-6	Plow Zone	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	3
2390	MF5-6	Plow Zone	Bowl Body, basal flanges	Slip Eroded	Hermitage	UK	UK	Tzakol	3
2390	MF5-6	Plow Zone	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2390	MF5-6	Plow Zone	Jar Rim	Cayo U	SL 1-2	Cayo	Uaxactun U	Tepeu 2-3/ SL	1

2390	MF5-6	Plow Zone	Bowl Body	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	1
2390	MF5-6	Plow Zone	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	14
2390	MF5-6	Plow Zone	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	6
2390	MF5-6	Plow Zone	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	5
2390	MF5-6	Plow Zone	Plate Rim	Saturday Creek Polychrome	Tiger Run	Saturday Creek	Unspecified	Tepeu 1	1
2390	MF5-6	Plow Zone	Jar Rim	Slip Eroded	UK	UK	UK	UK	2
2390	MF5-6	Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	11
2390	MF5-6	Plow Zone	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	3
2390	MF5-6	Plow Zone	Jar Body, Diameter: 45 cm	UK U Striated	UK Classic	UK	Uaxactun U	UK	2
2436	MF5-6	Plow Zone	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	1
2436	MF5-6	Plow Zone	Bowl Rim	Aguila Orange	Hermitage	Aguila	Peten Gloss	Tzakol	1
2436	MF5-6	Plow Zone	Jar Rim, basal flanges	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	1
2436	MF5-6	Plow Zone	Bowl Body	Slip Eroded	Hermitage	UK	UK	Tzakol	3
2436	MF5-6	Plow Zone	Bowl Rim	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	7
2436	MF5-6	Plow Zone	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2436	MF5-6	Plow Zone	Bowl Rim	Dolphin Head Red	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	1
2436	MF5-6	Plow Zone	Bowl Rim	Garbutt Creek Red	SL 1-2	Garbutt Creek	Pine Ridge Carbonate	Tepeu 2-3/ SL	5
2436	MF5-6	Plow Zone	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2436	MF5-6	Plow Zone	Bowl Rim	Tres Mujeres Mottled	SL 1-2	Achote	Peten Gloss	Tepeu 2-3/ SL	1
2436	MF5-6	Plow Zone	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	4
2436	MF5-6	Plow Zone	Bowl Rim	Vaca Falls Red	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	4
2436	MF5-6	Plow Zone	Jar Rim, Large. 2.5 cm thick	Alex&ers U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	1
2436	MF5-6	Plow Zone	Jar Rim, Large	Cayo U	SL 2	Cayo	Uaxactun U	Tepeu 3/ SL	1
2436	MF5-6	Plow Zone	Plate Rim	Mountain Pine Red	Tiger Run	Mountain Pine	Pine Ridge Carbonate	Tepeu 1	1
2436	MF5-6	Plow Zone	Plate Rim	Saturday Creek Polychrome	Tiger Run	Saturday Creek	Unspecified	Tepeu 1	2

2436	MF5-6	Plow Zone	Bowl Rim	Slip Eroded	UK	UK	UK	UK	10
2436	MF5-6	Plow Zone	Bowl Base, ring bases	Slip Eroded	UK Classic	UK	UK	UK	3
2468	MF5-6	N Trench N of Large Stones	Bowl Rim	Polvero Black	Barton Creek	Polvero	Paso Caballo Waxy	Chicanel	1
2468	MF5-6	N Trench N of Large Stones	Bowl Rim	Sierra Red	Barton Creek	Sierra	Paso Caballo Waxy	Chicanel	2
2468	MF5-6	N Trench N of Large Stones	Bowl Body, basal flanges	Minanha Red	Hermitage	Minanha	Peten Gloss	Tzakol	4
2468	MF5-6	N Trench N of Large Stones	Jar Rim	Quintal U	Hermitage	Quintal	Uaxactun U	Tzakol	2
2468	MF5-6	N Trench N of Large Stones	Bowl Body	Belize Red	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2468	MF5-6	N Trench N of Large Stones	Bowl Rim	Dolphin Head Red	SL 1-2	Daylight	Unspecified	Tepeu 2-3/ SL	3
2468	MF5-6	N Trench N of Large Stones	Bowl Rim	Kaway Impressed	SL 1-2	Vaca Falls	Pine Ridge Carbonate	Tepeu 2-3/ SL	1
2468	MF5-6	N Trench N of Large Stones	Bowl Body	Platon Punctated Incised	SL 1-2	Belize	British Honduras VA	Tepeu 2-3/ SL	2
2468	MF5-6	N Trench N of Large Stones	Jar Rim	Tu-Tu Camp Striated	SL 1-2	Tu-Tu Camp	Uaxactun U	Tepeu 2-3/ SL	2
2468	MF5-6	N Trench N of Large Stones	Bowl Base, flat base	Slip Eroded	UK	UK	UK	UK	1
2468	MF5-6	N Trench N of Large Stones	Bowl Rim	Slip Eroded	UK	UK	UK	UK	3

Chapter 6
The Identification and Exploration of UEC 3 in the West VOPA Project Area

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In 2005, loggers working with the Yalbac Sawmill identified two previously unrecorded ancestral Maya city centers within what is now Belize Maya Forest Trust (BMFT) land, a portion of which is the West VOPA project area. In subsequent years, VOPA director Dr. Lisa Lucero briefly visited both sites (Lucero 2006). Until 2018, the sites remained unrecorded. During the 2018 summer field season, we revisited one of the sites (UEC 2) and conducted an initial assessment of the site, producing a rough site map (Larmon and Franklin 2018). Although the team tried to relocate the second site (UEC 1), time proved too short and we were unsuccessful. From May 16-May 19, 2022, Tilo Luna, Stanley Choc, Esteban Alvarez, Mark Choc, and I attempted to relocate UEC 1 and, instead, identified an additional, previously unrecorded ancestral Maya site, UEC 3.

On May 16, 2022, we initiated our survey of the BMFT lands. Armed with GPS points, machetes, and as much water as we could carry, we parked our truck just south of the Chan Chich Lodge and began cutting a path towards UEC 1, following an orientation of 220° and attempting to traverse a distance of 6.0 km. The conditions were extremely difficult—a high heat index with very little access to fresh water sources made long days of survey dangerous. Conditions were remarkably arid and the perennial stream paralleling our path was bone dry. The first day, we were able to traverse approximately 1.60 km towards UEC 1. At the end of the day, we returned to the 'truck camp' to refuel and replenish our water supply. We began day two at 5 am in order to make as much progress as possible before the heat of the day got the better of us. We walked an additional 2.2 km, leaving us just 2.0 to 3.0 km from UEC 1. However, our water supply was dwindling and the trek was beginning to feel improbable. As we were about to end day two, we noted a hilltop depression, a possible *aguada*, that appeared to be anthropogenic. After a bit more investigation, we determined that we had located an entirely new center, UEC 3. Due to the improbability of surveying an additional 2.0 km without refreshing our water supply, we made the decision to focus the remainder of our time on UEC 3.

UEC 3

Immediately upon recognizing the hilltop depression, branches began raining down from above. We were quickly surrounded by troop of spider monkeys. They soon departed, noting that their attempts to shoo us away were unsuccessful. As we began to clear what appeared to be a plaza surrounding the possible *aguada*, the deep bellow of howler monkeys approached and 5-10 brazen howlers swarmed overhead. It was clear that we had infringed on the territory of monkeys and, thus, we affectionately gave the site a temporary name of "Monkey Camp".

UEC 3 is 4.4 km northeast of UEC 1 and 4.5 km west of UEC 2 (Figure 6.1). The site is comprised of nine mounds (Figure 6.2; Table 6.1) of varying sizes with differentially raised plazas and a potential *aguada* (2.1-2.5 m deep). The ancestral Maya built this small center atop of a hill immediately abutting a south-southeastern facing slope, which drops sharply c. 34 m to the very flat valley floor. The mapped portion of the site, which is at an orientation of approximately 80 degrees, measures c. 140 m east-to-west and 90 m north-to-south. The site surely extends beyond this area, but it was impossible to fully clear and assess the hilltop and surrounding valley.

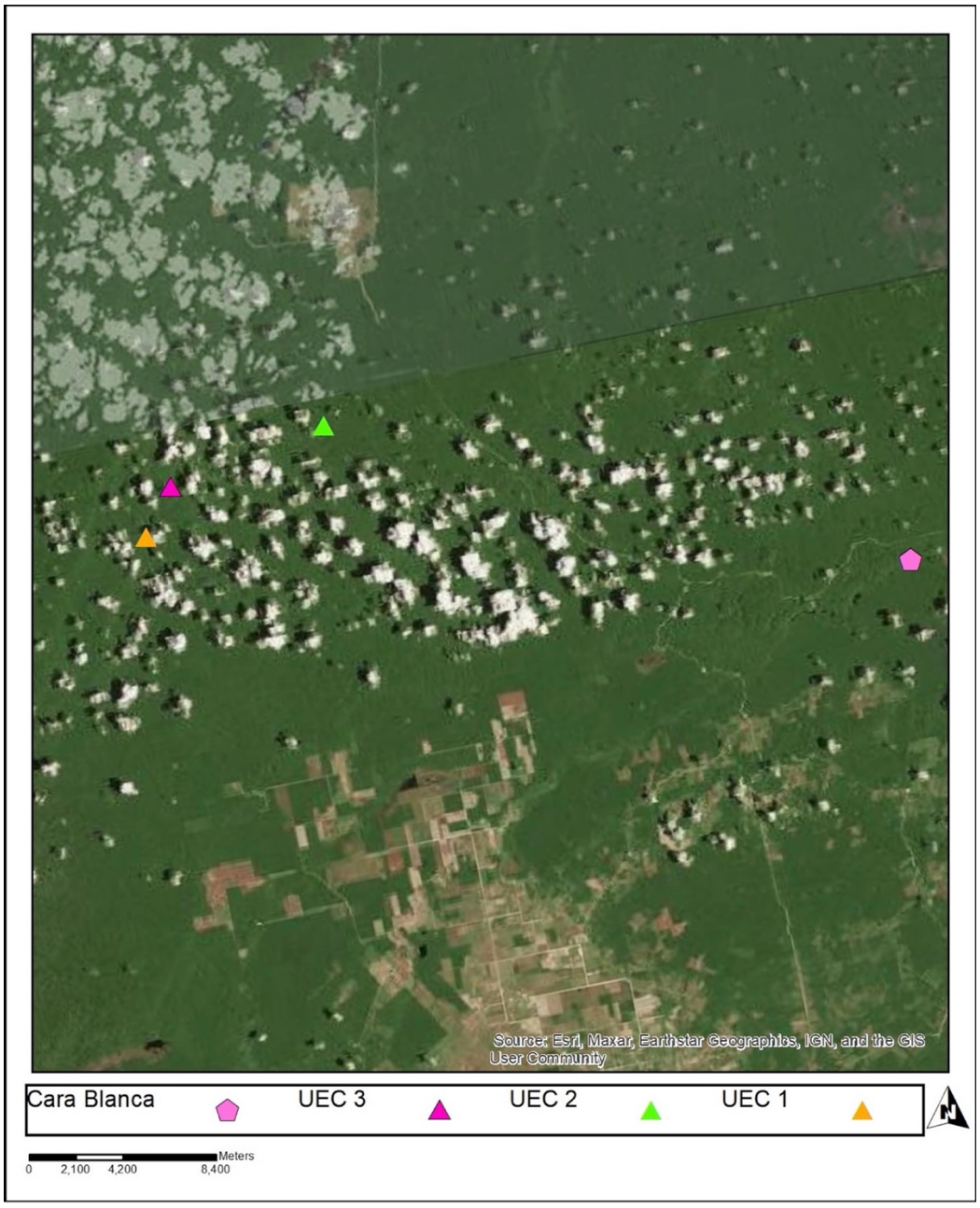

Figure 6.1. Location of UEC 3 in relation to UEC 1, UEC 2, and Cara Blanca.

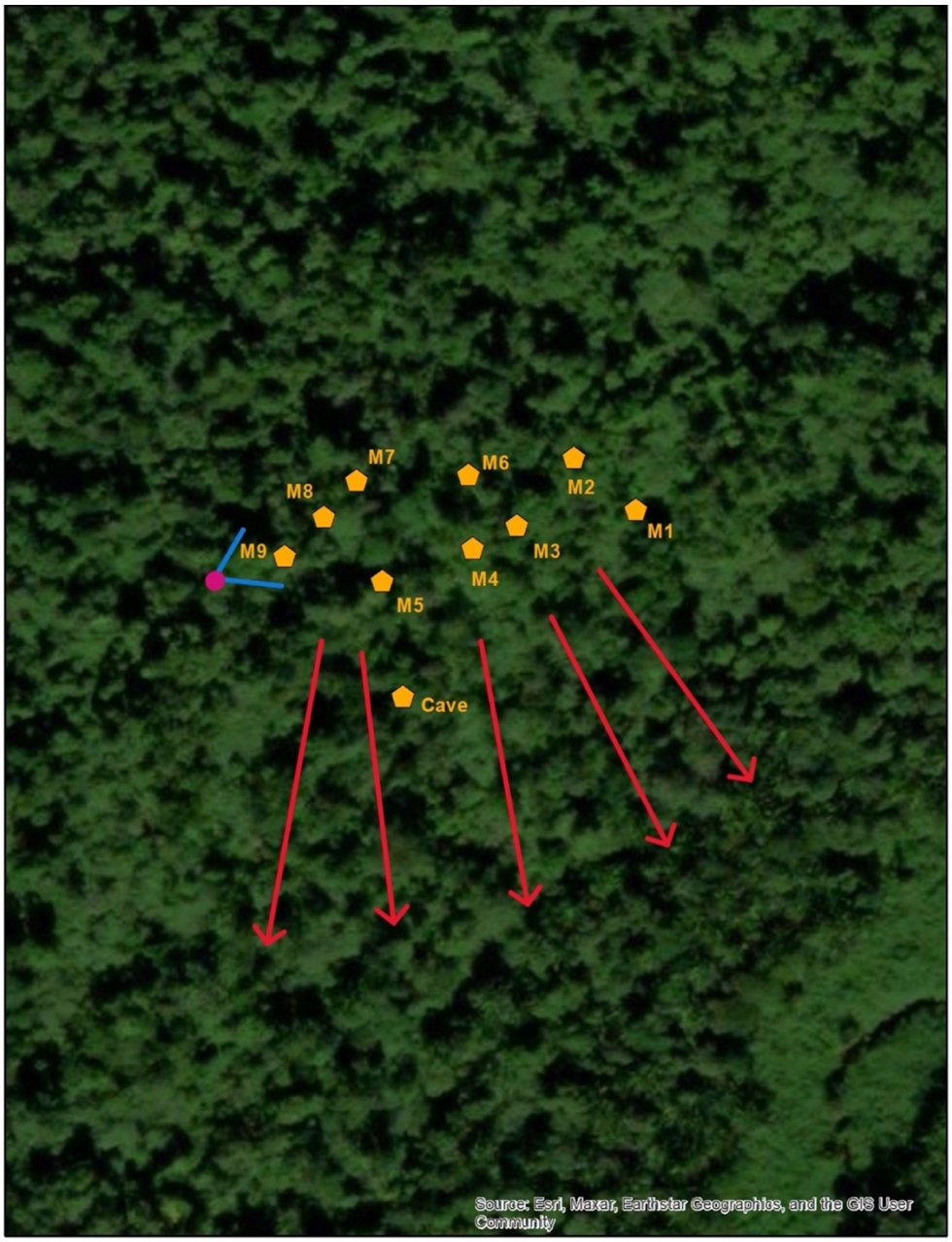

Figure 6.2. Sketch map of UEC 3. Red arrows show south-southeast facing slope with the arrowheads pointing downslope; pink point shows location of exposed corner; and blue line shows location of proposed *aguada*.

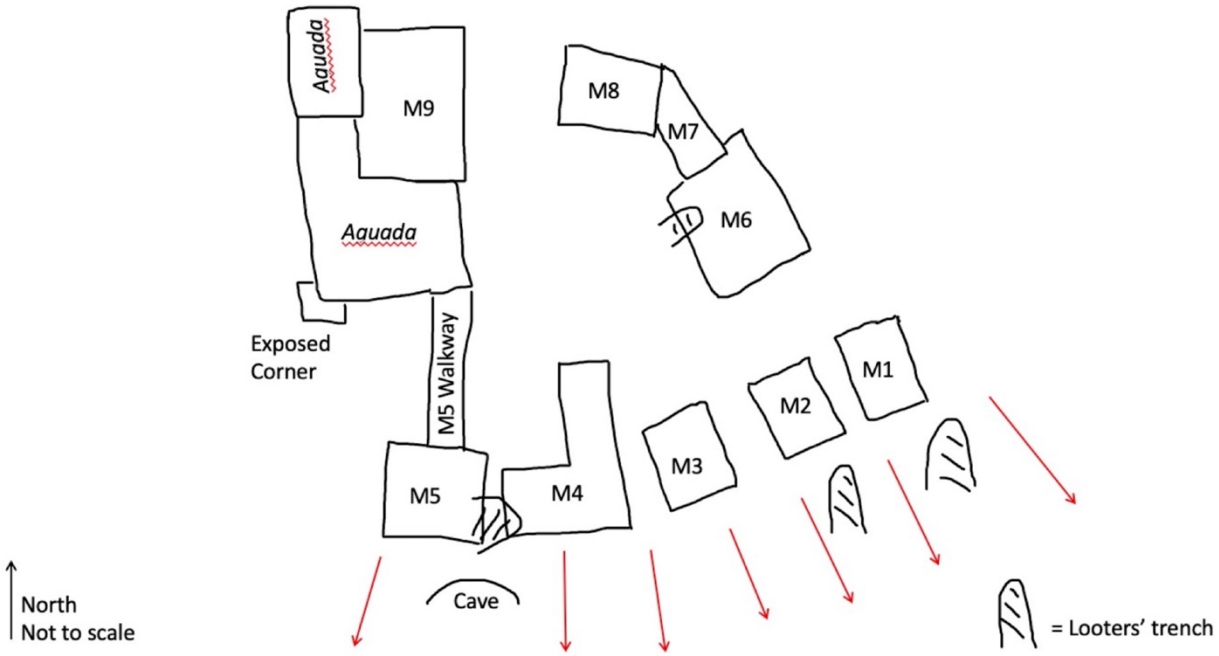

Figure 6.3. Sketch map of UEC 3. Red arrows show south-southeast facing slope. with arrowheads pointing downslope. Not to scale.

Table 6.1. Rough dimensions of mounds at UEC 3

Mound #	Height	Length x Width	Notes
M1	1.8 m	18.5 x 9.2 m	Looter's trench adjacent
M2	1.8 m	15.4 x 10.8 m	Looter's trench adjacent
M3	3.7 m	23.1 x 15. 4 m	
M4	6.1 m	20.0 x 13.9 m; 4.6 m thick	L-shaped
M5	6.1 m	15.4 x 6.2 m	Elongated/associated walkway
M6	3.1 m	43.1 x ?	Looter's trench
M7	1.8 m	18.5 x 18.5 m; 4.6 m thick	L-shaped
M8	1.8 m	20.0 x 15.4 m	
M9	N/A	16.9 x 12.3 m	Encompassed in *aguada*

Mounds 1 through 5 line the edge of the south-southeastern facing slope; Mounds 3 through 5 are the tallest on the hilltop, suggesting that these structures and their position on the very edge of the terrace may be a focal point of the site (Figure 6.4; Figure 6.4). Additionally, there are plazas and/or terraces of different depths/heights surrounding the structures. The structures roughly form an oval and the ground surface within the oval is higher than on the outside of the structures, suggesting a raised terrace of some kind (see Figure 6.2, Figure 6.3). Importantly, the L-shaped Mound 4 and elongated Mound 5 form a roughly enclosed courtyard with the interior appearing to be a sunken plaza, at a lower level than the surrounding plaza.

The purposes of our survey were purely reconnaissance, and we did not excavate or test any portion of the site. Thus, there was very little architecture visible. We did note a single corner that seemingly abuts the proposed *aquada* (Figure 6.5). Additionally, high-quality cut-stone was visible within the looters' debris found south of Mounds 4 and Mound 5 (Figure 6.6).

Figure 6.4. View of Mound 3 from the top of Mound 4 with Tilo Luna for scale, view east.

Figure 6.5. Single corner visible abutting the proposed *aguada*, view southwest.

Figure 6.6. Cut stone located in looters' debris.

In addition to the nine structures that we mapped, we located a small cave that appears to have been cut out of the south-facing slope immediately below Mound 4 and Mound 5 (Figure 6.7). The cave is approximately 3.3 m in width by 0.7 m tall by c. 1.0 m deep. The floor of the small cave appeared to have some degrading plaster, in which ceramics were identified.

Figure 6.7. Small cave located in the south-facing slope below Mound 4, looking north.

Artifacts

There were at least three areas of UEC 3 that have been previously disturbed by looters (see Figure 6.3). Though we did not excavate any portion of the site, we did examine looters' disturbances and noted various ceramic and lithic artifacts. Of note, the immediately apparent presence of lithic artifacts separates UEC 3 from the nearby ceremonial site of Cara Blanca, where lithics are near absent from the assemblage (Lucero et al. 2016). Within the looters' trenches and tree falls of UEC 3, we located one obsidian blade and one chert biface. The ceramic assemblage was varied, with jars and bowls dominating the very small sample identified (Figure 6.8). Dr. Laura Kosakowsky examined a sample of the identified assemblage and dates those ceramics to Tepeu 3 (700-900 CE). While additional investigation is necessary on site to better temporally place the site, the presence of Tepeu 3 artifacts suggests that ancestral Maya were occupying this site at the same time as Cara Blanca and likely UEC 1 and UEC 2.

Figure 6.8. Example of artifacts located at UEC 3.

Conclusions

Though our investigations at UEC 3 were only preliminary, initial analysis of the site's artifact assemblage suggest that the ancestral Maya occupying this space were contemporaneous with those living near UEC 1 and UEC 2, as well as those visiting Cara Blanca. The extend of the site is greater than we were able to determine with our short survey, but small house mounds were apparent on our trek out of UEC 3 and it is likely that there is a sprawl of architecture impossible to comprehend without the aid of more intensive survey methods, such as LiDAR. As noted in 2018 (Larmon and Franklin 2018), the portion of the Belize and Guatemala border appears to be devoid of ancestral Maya archaeology—in reality, there have been no comprehensive surveys of this space. The identification of UEC 1, UEC 2, and now UEC 3 offer strong support for applying LiDAR of the BMFT land to better assess the extent of ancestral Maya occupation of those lands.

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