Households and Political Transformation: Daily Life During State Formation at Tilcajete, Oaxaca, Mexico

by

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To my parents, Lori and Greg. You have always been there, even (and especially) when I insisted that I didn't need any help.

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Abstract

I examine a dramatic sociopolitical transformation, the emergence of the earliest state in the western hemisphere. The emergence of state-level societies is a political phenomenon that fundamentally changed the way leaders and subjects interact and the way governments extract and redistribute resources. In Mesoamerica, several polities of unprecedented size emerged by the Late Formative period (300-100 B.C.). Previous research has focused on leaders and their strategies of control and conquest. Rulers, however, are dependent on the population. My dissertation examines how this new political system, the state, developed and how ordinary households participated in this transformation and reacted to the consequences. Leaders play an important role in political change but states could not exist without the population that supports them. My research examines the diversity of this population and the many ways people have participated in social and political change throughout human history.

Households are good places to look for the seeds of large-scale change and for people's responses. Houses are the locus of family life and are an ideal place to study the decisions and strategies used by people in the past. They ways people divide labor, share responsibilities, and provide for their children and dependents on a daily basis shape the structure of society. Household members interact with and depend on other families, neighborhoods, and communities to survive. The hierarchical scaling of social organization makes household strategies for their own survival and reproduction

important to understanding social organization at more encompassing scales like the neighborhood, community, and region. Household members have to be flexible, adjusting plans, activities, and alliances to suit the changing political, economic, and social climate. Their decisions can influence the direction of societal changes, making certain changes possible while limiting others.

My research questions address two sets if questions about the relationship between households and state formation: (1) How were families and households organized in the period before state formation? Did their organization create favorable conditions for the emergence of this new political system? (2) Following the rise of state-level government, did the new demands (e.g., taxes paid in labor and goods) and opportunities (e.g., access to more extensive trade networks) for households result in any changes to household make-up, organization, and activities?

The results from my excavations and subsequent analyses, demonstrate that house construction and layout changed dramatically at the same time that the community's civic-ceremonial buildings were being redesigned and rebuilt. Along with changes to house layout, I have observed changes in access to resources, the symbols represented on pottery, and burial practices. These findings indicate that changes to household organization were dramatic and far-reaching. Rather than merely reacting to political changes, household members modified their composition, configuration, subsistence and other productive strategies.

My dissertation research addresses questions about how people participate in political transformations and subsequently react to this systemic change. I investigate this topic archaeologically through excavations of houses, the centers of daily activities and

family life. Through my research, I explore how people from different backgrounds were able to influence their political system and how the consequences of systemic change affected their daily lives, privileging some and marginalizing others.

Chapter 1 - Introduction

Oaxacans, like most people, have a strong sense of tradition coupled with imagination and innovation. Of all that Oaxaca has to offer, it is the things people create – the food, the artwork, and the wonderful sense of community that make this such a spectacular place to be. However, Oaxaqueños have to contend with constraints on a local, national, and global scale. They are famous for their protests, *bloqueos* that shut down highways, airports, and the Zócalo. Oaxacans speak up and speak out. I began conducting my fieldwork for this study in 2014, in the shadow of the likely mass murder of 43 students from Ayotzinapa. Their remains are still missing. As I grappled with my research questions about social change and daily life, I was reminded that the "constraints" and "top down authority" we so often reference as archaeologists can mean destruction and death for many people.

But even today, five years later, murals and art installations throughout the city continue to keep the students' memory alive while demanding justice. This relentless awareness in Oaxaca and throughout Mexico has helped bring global attention and international investigations. However, justice has not been served and no one has been brought home. The refusal to forget or be silent is a reminder of the dedication, valor, and strength required to confront institutions of authority. It is also a reminder of how truly difficult it is to upend a set of institutions and challenge the authority they wield.

To study daily life is to examine both the power of people who raise their voices to create change and the comfort they build through routines and relationships. The choices we make over and over each day create traditions, maintain memory, or, in extraordinary moments, upend the social order. As I approached the study of daily life during the Middle and Late Formative periods (850-100 B.C., see Tables 2.1 and 3.1) in Oaxaca, I kept this in mind. We know that change was underway at the Formative settlements in Tilcajete, but what role did the residents play? How did most inhabitants deal with the turbulence of Monte Albán's expansion and their own polity's total reorganization?

In the chapters to follow, I argue that true social macroevolutionary change is pervasive. It involves and affects every level of society from households to the institutions of leadership, and it cannot be undone (Prentiss et al. 2009; Prentiss 2019; Spencer 2019). Using the data from my excavations at the Tilcajete sites, I explore how important aspects of that daily life changed over the course of state formation. I demonstrate that major changes in the residential sectors occurred simultaneously with those in the public sector. This means that the lives of people from different backgrounds, social standings, and factions were transformed, along with their society's political and religious institutions. These changes, from household routines to the office of kingship, shaped the trajectory of the Valley of Oaxaca for centuries to come.

The Region and the Sites

Oaxaca has a long history of rigorous, anthropologically-oriented research. This research includes but is not limited to the extensive excavations and analyses at Monte Albán (Caso 1978, 2003a, 2003b; Blanton 1978). Work from the Oaxaca Prehistory and

Human Ecology Project provided important data about the Archaic period (Flannery 1986; Flannery and Hole 2019). The regional survey of the Valley of Oaxaca allows us to situate excavated data in the dynamics of the larger region (Blanton et al. 1982; Kowalewski et al. 1989). Extensive, scientific excavations at sites large and small provide important data for spatial and diachronic comparisons. For this study, work at Formative period sites such as San José Mogote, Fábrica San José, Santo Domingo Tomaltepec, and Tierras Largas have provided comparisons and context for the Tilcajete household data (Drennan 1976; Elson 2007; Flannery and Marcus 2005, 2015; Whalen 1981, 1988a, 1988b; Winter 1972). Information from these sites about dwelling construction, activity areas, mortuary practices, and the nature of objects and assemblages provided a sense of the diachronic developments as well as spatial diversity within the Oaxaca Valley. I have tried to draw on that extensive scholarly history and situate my results in the broader spatial contexts of the Tilcajete sites and the Oaxaca Valley, and in the diachronic context of the Formative period (1500 B.C. – A.D. 200).

Research began at the Tilcajete sites in 1993. Through mapping, intensive site survey, and extensive horizontal excavations, Charles Spencer and Elsa Redmond uncovered evidence of changes and continuities in civic-ceremonial architecture across the two occupations. From 700 to 300 B.C., El Mogote's residents were one of the three competing chiefdoms in the Oaxaca Valley. Sometime around 300 B.C., El Mogote's main plaza was burned in a raid, and the civic-ceremonial core was rebuilt upslope in a more defensible location called El Palenque. The rebuilt plaza showed remarkable continuity with the previous one at El Mogote in terms of size, layout, and orientation. In spite of the ongoing raiding and warfare that plagued the Tilcajete sites, population grew

steadily from the Rosario phase (700-500 B.C.) through the Late Monte Albán I phase (300-100 B.C.) when the plaza was rebuilt. Spencer and Redmond have interpreted these data as evidence of continuity in political and cultural identity of the population as well as their resistance against aggression from Monte Albán (Redmond and Spencer 2006; Spencer and Redmond 2003; Spencer et al. 2008).

Looking more closely at the sizes of public and residential sectors, the Tilcajete polity became both larger and more densely occupied over the course of its history. The Early Monte Albán I settlement at El Mogote consists of a 2.2 ha civic ceremonial plaza and 52.8 ha of residential occupation (Spencer and Redmond 2005:175). The Late Monte Albán I settlement at El Palenque consists of a 1.6 ha civic ceremonial plaza, a 28 ha core area of residential occupation, and an additional 43.5 ha with more dispersed evidence for residential occupation (Spencer and Redmond 2005:177).

I situate my project in these extensive histories of research. However, despite the available data, few well-preserved houses from the Early Monte Albán I and Late Monte Albán I phases have been excavated. The unique preservation at the Tilcajete sites resulting from their relatively shallow depth and single-component occupations provided well-preserved structures and extensive data on activities that allowed me to provide detailed answers to questions about daily life during this crucial transition period.

Central Issues and Themes

I outline my theoretical orientation in two parts. Models for understanding state formation as well as daily life have guided this research, shaping my questions and approach.

State Formation

Multi-scalar diachronic research in the Valley of Oaxaca has aided the construction of models explaining the rise of Monte Albán and primary states. Primary states are centralized and internally specialized political systems that arise out of competition and conflict among pre-state societies. They often employ strategies of conquest, resulting in the distinctive administrative reorganization and specialization (Algaze 1993, 2004; Carneiro 1970; Covey et al. 2013; Redmond 1983; Service 1975; Sherman et al. 2010; Stein 2005; Spencer 1982, 2010; Spencer and Redmond 2001, 2003, 2004a; Wright 1977). Primary states often had difficulties subjugating their immediate neighbors/competitors and instead conquer distant territories to exact tribute and bolster their resources. Once they have increased their wealth, they returned to conquer their powerful neighbors (Redmond 1983; Spencer 1982, 2010; Spencer and Redmond 1997, 2003). Secondary states can form in a number of ways, one being in response to conquest and aggression from existing state societies (Algaze 1993; Parkinson and Galaty 2007; Stein 2005). When states cannot turn to inter-regional conquest, they have to reorganize and increase production in their current holdings.

The period just prior to state formation, the Rosario phase (700-500 B.C.), saw the sociopolitical stage set for transformation in Oaxaca. At the regional level, there were three large centers located in the three arms of the valley separated by a buffer zone. At the domestic level, excavated households show an elaboration of architecture and mortuary practices, features that become standard in later elite residences (Drennan 1976; Winter 1972; Flannery and Marcus 2005:417-419). During the period of Monte Albán's consolidation (Monte Albán II or ca. 100 B.C. - A.D. 200), the entire Oaxaca Valley and

several neighboring valleys had been successfully conquered and were likely paying tribute to the state centered at Monte Albán (Feinman and Nicholas 2013; Redmond 1983; Spencer 1982).

Daily Life

Households play an important role in major sociopolitical transformations including state formation. Households are often described as a fundamental or basic social unit. While this perspective is changing, households are an important locus for political, economic, and social behaviors that shape the connections between people. The nature of household composition as well as the trends in strategies for subsistence, inheritance and post-marital residences influence the relationships between co-residential groups as well as between individuals and their communities (DeLucia and Overholtzer 2014; Ensor 2013; Joyce et al. 2014; Wilk 1997). These relationships are crucial for understanding change at larger scales because they serve as links between people that incorporate them into increasingly inclusive social groups (Kuijt et al. 2011).

The decisions and choices people make help create and transform larger social structures (Bourdieu 1977; Roscoe et al. 1993). Referencing past actions (memory) helps perpetuate certain traditions (Connerton 1989). How these traditions are referenced may encourage or discourage change. Verbal and written forms of memory are more malleable while embodied memory is unconscious or rote and more stable over time. This indicates that certain aspects of daily activities like cooking involve repeated bodily movements such as grinding maize and are less likely to change. Other aspects, like ingredients, are more conscious and can change more easily (Giddens 1984; Logan

2012). Large-scale social transformation thus cannot be completely understood without examining how change operates in the strategies and decisions of daily life.

Daily life perspectives are complementary to larger social evolutionary perspectives. Putting these frameworks together allows us to examine change through a multi-scalar lens. For example, many prehistoric societies were primarily agrarian with the household as the main productive unit for both agriculture and crafts (Hirth ed. 2009; Costin 1991). A large-scale political transformation, such as the emergence of the state, involves new tribute demands that may have required the reorganization of household labor (Brumfiel 1992, 1996). State formation is also associated with changes to religions institutions (Joyce 2015; Flannery 1998; Redmond and Spencer 2008). Increasing specialization in religions personnel likely led to a decrease in ordinary people's participation in temple rituals. The changing role of people in public or non-domestic ceremonies may also have had an impact on their household ritual practices.

Social evolutionary studies of state formation have identified the emergence of new institutions, helped establish the pace of change (rapid), and the context in which this change unfolds. It is likely that state formation, like most social evolutionary change, was pervasive and involved many spheres and scales of social life to be completely transformative and irreversible. Daily life is an important component for understanding the causes, processes, and lasting effects of state formation.

My Approach (Methods)

To answer questions about daily life during state formation, I conducted large-scale horizontal excavations of houses from both occupations of the Tilcajete sites. Twenty years of excavations focusing on similar buildings adjacent to the plaza from

each occupation have demonstrated changes in the design and layout of public architecture (Redmond and Spencer 2008, 2013, 2017). In order to assess the nature of change or continuity in design and layout of dwellings, large horizontal excavations of domestic or residential sectors were necessary to obtain comparable information and complete floor plans. It was also important to collect complete household assemblages and to document associated features, burials, and activity areas. These data helped me characterize the nature of household activities like food preparation, domestic ritual, mortuary practices, and craft production. Together, these lines of evidence allowed me to assess changes in household size and composition as well as the organization and division of labor.

In order to compare houses and households at each occupation, it was necessary to capture the nature of residential variability at each site. Currently, little is known about the structure of residential variability or neighborhood organization at the Tilcajete sites. As a result, for this project, I selected houses in different areas of the sites as part of a preliminary attempt to capture some aspects of residential variability. The underlying structure of neighborhood organization can vary according to a number of variables including socioeconomic inequality, kinship organization, or craft specialization (Blanton and Fargher 2012; Ensor 2013; Smith 2010). Distance from the central plaza in preindustrial urban centers is generally an indicator of socioeconomic status (Sjoberg 1955). As a result, I selected areas on different sides and at different distances from the civic-ceremonial core.

However, the choice of excavation area was also guided by previous excavations, knowledge about preservation, and the nature of modern activity in different areas of

each site. At El Mogote, no previous houses had been excavated. The site has been intensively farmed, and many areas were plowed with a tractor. However, there was one mounded area, Area M, where domestic debris had been recovered in surface collections indicating it contained intact house architecture. The other area, Area N, was located during a test pit program north of the plaza. In choosing excavation at El Palenque areas, I opted to return to areas where intact houses were recovered in previous seasons. Both Areas P and X were excavated previously by Redmond, Spencer, and colleagues. Complete houses were recovered in each area, and the excavators noted that there were more intact houses immediately adjacent to the exposed structures. As a result, I chose to expand in these areas. Sets of neighboring houses from different areas of the El Palenque occupation provide complementary information and more adequately capture residential variability at this stage.

Study Outline

In this study, I present my research questions and models, regional and theoretical background on households during the Formative period, the El Mogote architectural data, the El Palenque architectural data, mortuary ritual patterns from Tilcajete and comparable sites, and patterns in artifacts and activity areas. I address architecture, mortuary data, and artifacts separately. I take a diachronic perspective to best frame my discussions of change and continuity through time. As a result, I trace the nature of different patterns in every line of evidence through each occupation. In each chapter, I discuss the nature, timing and significance of different changes.

In Chapter 2, I present the research questions and models guiding this study. These questions and frameworks address the articulation between macro-scale studies of

state formation and more micro-scale studies of daily life or households. These bodies of theory shaped how I collected data and analyzed different classes of material. This chapter outlines my hypotheses and expectations and defines suites of activities that comprise the three spheres or dimensions (economic, social, political/ideological) that serve as the focus of my investigation.

In Chapter 3, I present a comprehensive synthesis of available published data on settlement patterns, households, and civic-ceremonial spaces for the entire Formative sequence in the Valley of Oaxaca. The goal of this study is to bring a multi-scalar perspective that integrates domestic spaces with public or communal contexts. Very few houses dating to the Early Monte Albán I or Late Monte Albán I phases have been excavated. In order to place my data in a broader regional framework, it was necessary to compile known household data and identify patterns in the timing and tempo of significant changes to variables such as house size, architectural layouts, and spacing between dwellings. I also noted changes in regional population and the nature of public architecture or other communal spaces. At the Tilcajete sites, the relationship between residential and public sectors is central to understanding the changes associated with state formation. I found that the relationships between regional settlement patterns, households, and public or communal spaces were significant for understanding many of the sociopolitical transformations throughout the Formative period.

The following four chapters (Chapters 4, 5, 6, and 7) present the data that make up the core of this study. These data include residential architecture, features, mortuary patterns, artifacts, and activity areas. The data are presented chronologically. Several major patterns emerge. Chapters 4 and 5 discuss key changes to house construction, size,

and layout. Planned patio-centered houses with few alterations emerge in Late Monte Albán I. This domestic architectural change coincides with the redesign of public buildings and has implications for both daily life and sociopolitical transformation that are explored in these chapters.

In Chapter 6, I discuss patterns in mortuary practices. I compiled a comprehensive dataset with all known published burials from the Valley of Oaxaca that date to the Formative period. In this chapter, I discuss patterns in mortuary treatment and demography of the burial population through the different phases. I situate the Tilcajete data in this broader spatial and diachronic context. I describe trends in who was selected for burial and how those individuals were treated. Mortuary practices are simultaneously active expressions of the values of the living and concepts of the afterlife. At the Tilcajete sites, many aspects of mortuary practice are more variable within each occupation than between them. There is a great deal of variability at both occupations in grave type, accompaniments, body position, orientation, and a number of factors. The nature of burial treatments are diverse and change is gradual. However, the individuals chosen for burial and the frequency of multiple burials do change. These changes coincide with the transition from Early Monte Albán I phase to the Late Monte Albán I phase indicating that beliefs surrounding ancestor veneration may remain somewhat stable, but who can be considered an ancestor may be changing.

Chapter 7 discusses changing patterns in a number of material classes associated with households. While architecture and mortuary rituals are more representative of events (Beck et al. 2007), artifacts are often evidence of routine behaviors and activities repeatedly performed by people in their daily lives. In this chapter, I examine changes in

cooking tools (café wares and lithic artifacts) indicative of an increased reliance on tortillas and dry-food cooking using comales. I describe patterns in decorated gray wares that may indicate different household or neighborhood level preferences for particular motifs. Although most gray ware is likely locally produced, the motifs have a wider distribution and potentially represent ideas shared at a regional scale. Figurines are connected to household ritual and likely represent ancestors. Numbers of figurines in domestic contexts decline during the Late Monte Albán I period, but continue to equally represent both men and women. This indicates that ancestor veneration may involve the use of a different set of materials, but both male and female members of the household were considered important ancestors. I also discuss marine shell as evidence of small-scale crafting that points to long-distance exchange and connections to larger regional networks. I conclude in Chapter 8 with a discussion of the major findings of this study and future directions for research.

Chapter 2 - Theoretical Frameworks, Models, and Methods

This study examines the role of households in state formation at two sites located near the modern town of San Martín Tilcajete in the Oaxaca Valley, Mexico. States, centralized and internally specialized political systems (Spencer 2009, 2010; Wright 1977), formed in Oaxaca during the Late Monte Albán I phase (300-100 B.C.) (Redmond and Spencer 2013). The preceding Rosario phase (700-500 B.C.) and Early Monte Albán I phase (500-300 B.C.) were characterized by violent competition between chiefly centers (see Table 1). A primary state centered at Monte Albán emerged from this hostility. Once the second most powerful center in the valley, Tilcajete underwent an episode of secondary state formation as part of its effort to resist Monte Albán's attempts to conquer and control it. These sociopolitical transformations have been extensively documented by archaeological analysis of the development of specialized institutions staffed by full-time officials to whom particular types of authority (e.g., religious, military, and administrative) are delegated (Redmond and Spencer 2008, 2013, 2017; Spencer and Redmond 2004a). The state cannot form without households to provide labor and goods to support polity-level institutions. Yet, few complete houses from these periods had been excavated, so little is known about household organization, daily life, and their relationship to large-scale political shifts.

My study complements previous research by examining houses from the Early and Late Monte Albán I phases at the regional center of Tilcajete. I excavated three

structures dating to the Rosario and Early Monte Albán I phases at the El Mogote occupation. At El Palenque, I expanded upon two previous excavations and exposed two Late Monte Albán I structures. This fieldwork produced the diachronic data needed to answer questions about how households may have changed through time during the period of state formation.

Table 2.1 - Timeline of archaeological phases and major developments in the Oaxaca Valley

Period Name	Date Range	Settlement Dynamics in the Oaxaca Valley, Mexico
Rosario Phase	700 - 500 B.C.	• Three chiefly centers (San José Mogote, Etla; Yeguih, Tlacolula; Tilcajete, Ocotlán) separated by a central buffer zone vie for dominance in the Oaxaca, Valley. • In **500 B.C. the site of Monte Albán is founded** when the residents of San José Mogote abandon their site in the northern Etla arm of the Oaxaca Valley and move onto a flattened mountaintop in the central buffer zone.
Early Monte Albán I Phase	500 - 300 B.C.	• **El Mogote is attacked by Monte Albán in 300 B.C.** The public buildings around the plaza are abandoned, but many houses continue to be occupied. • Immediately following the attack **in 300 B.C., El Palenque is founded** 800 m upslope from El Mogote and a new plaza and residential sectors are constructed.
Late Monte Albán I Phase	300 - 100 B.C.	• The new occupation focused on **El Palenque doubles in population and continues to thrive** while presumably resisting Monte Albán. • In **20 B.C., Monte Albán attacks and defeats El Palenque,** dispersing its population.
Monte Albán II Phase	100 B.C. - A.D. 200	**Monte Albán establishes a settlement on a ridge above El Palenque (SMT-23).** This settlement is a secondary administrative center staffed by intermediate elites brought in from other parts of the valley (Elson 2007).

I investigated how households were organized before and after state formation through three analytical dimensions (1) economic (e.g., subsistence, crafting, and exchange) (2) social (e.g., house composition, construction, and layout) (3) ritual (e.g., mortuary activity, offerings, and symbolic representations). The Tilcajete site is one of very few Mesoamerican sites to have systematic excavations in both the civic-ceremonial core (by Redmond and Spencer) and residential sectors.

This research has provided a more detailed understanding of the emergence of state-level government. The results of this project offer the first comprehensive study of daily life and the role of households in state formation and the developments of Formative period Oaxaca.

Theoretical Issues

Household Organization

To test hypotheses about the relationship between polity-level institutional change and the organization of ordinary households, I excavated houses occupied before, during, and after state formation at Tilcajete. I draw heavily from household archaeology, a body of theory and methods encompassing a variety of approaches to a range of domestic deposits. The economic, social, and ritual behavior of the majority of the population is visible through household excavations and provides valuable data for assessing the timing, causes, and effects of large-scale sociopolitical transformations such as state formation on daily life and household organization (Chang 1958; Flannery 1976).

I define the household as a task-focused group that carries out the productive and consumptive activities of daily life by dividing labor and pooling resources (Blanton 1994; Wilk and Ashmore 1988; Wilk and Rathje 1982). Households are dynamic, diverse units that can be composed of any combination of relatives and non-kin (Bender 1967; Douglass and Gonlin 2012). Within a society, significant variation can exist in household composition in terms of age, gender, and status (Robin and Brumfiel 2008; Tringham 1991). Diversity in household composition can result in variability in the kinds of strategies (e.g., division of labor) and responses to external pressures employed at the household level. These differences can lead to intra-community variability in the kinds of

domestic activities and divisions of labor observed at the household level (Blanton 1995; De Lucia and Overholtzer 2014; Hendon 1996; Robin 2003). The commitment of household members to sharing responsibilities to ensure their long-term survival makes the household a fundamental social unit (Netting et al. 1984).

The house and the household are two distinct units of analysis. The house, defined here as the physical dwelling or group of dwellings and its surrounding activity areas, is recoverable archaeologically (Wilk and Rathje 1982). A house may be occupied by one or multiple households just as a household can occupy one or more houses (Blanton 1994; Bender 1967; Brandt 1971; Coupland 1996; Douglass and Gonlin 2012). The dwelling and its associated features and activity areas are recoverable archaeological entities through which investigators can begin to understand the household and its organization (Flannery 1976; Kramer 1982; Nash 2009; Wilk and Rathje 1982). Variation in the spatial distribution of features across the domestic space (interior and exterior), the physical structure of the house, and the kinds and densities of activities represented provide evidence of diversity within and between households in terms of their composition and daily practice. In this study, I examine food production, craft production, long-distance exchange, household construction and layout, and ritual and mortuary activity (see Table 3) through time to track the intensity and pace of change in the domestic sector.

Households and Sociopolitical Complexity

The fundamental position of households and their strategies makes the inclusion of the household necessary for a complete understanding large-scale organization and change in economic, sociopolitical and ideological institutions (Allison 1999; D'Altroy

and Hastorf 2001; De Lucia and Overholtzer 2014; Hendon 2010; Joyce et al. 2014; Robin 2013; Wendt 2005, 2010). Households are rarely isolated and self-sufficient. They are embedded within increasingly inclusive networks such as courtyard clusters, neighborhoods, communities, and polities (Flannery 1976; García Cook 2003; Kuijt et al. 2011; Manzanilla 2007, 2009; Roscoe et al. 1993). The different relationships between households and communities can buffer risk and ensure the long-term survival of its members by providing opportunities for collaboration, trade, and reciprocity (Carpenter et al. 2012; Feinman et al. 2002; Flannery and Marcus 2005; Marcus 2000; Canuto and Yaeger eds. 2000). Households can also be in competition with one another over limited resources. The way people organize their households into larger units contributes to our understanding of polity-level social organization and the potential ways people, labor, and goods could have been mobilized in support of the state (Blanton 1994; Brumfiel 1996a; Carballo 2011; Netting 1993; Netting et al. 1984; Rathje 1971; Robin 2003; Robin ed. 2012; Wilk and Ashmore 1988;).

Because households are small adaptive units, the causes and immediate effects polity-level changes are particularly apparent. The choices made at the household level can affect the ability of leaders to extract resources, labor, and information from households (Joyce and Grove 1999; Joyce et al. 2014). Household strategies can have intended and/or unintended consequences that influence the political, social, and economic organization of polities. Households are also responsive to the effects of systemic changes and centralized decision-making. Members of households must be flexible to adjust plans, activities, and alliances to suit the political, economic, and social climate (Brumfiel 1992, 1996a; Hendon 1996). These small adaptive units are capable of

implementing innovative strategies quickly and effectively. They may choose to increase the size of the household, incorporating extended family or non-kin, to raise household productivity. They may cooperate with neighbors, each specializing in a particular step in the craft production process to increase efficiency (Carpenter et al. 2012; Costin 1991; Hendon 2004). They may choose to emphasize individual status over lineage through ornamentation (Carballo et al. 2014). Excavations of dwellings allow us to observe strategies of social actors as they contend with sociopolitical and economic changes.

The cumulative material record of daily activities found in houses provides unique evidence about decisions and strategies not found elsewhere in the archaeological record (Robin 2013; Scott 1990). The accumulation of daily activities provides a rich assortment of features such as hearths, middens, and activity areas (e.g., lithic concentrations). These features, in conjunction with residential architecture, give insight into household practices, organization, and division of labor. Special rituals, particularly regarding ancestors or the symbolic nature of the house itself (e.g., Beck 2007; Gillespie 2000; Joyce 2000; Nash 1970; Riviére 1995) are one class of activities that may occur exclusively within the house and shed light on the worldview of ordinary people living in complex societies, views that may differ from larger-scale rituals involving religious specialists (Brumfiel 1996b; Feinman et al. 2008).

A diachronic study of households allows for a more precise documentation of the timing of economic, social, and ritual changes, providing a more comprehensive understanding of the process of state formation. A suite of economic, social, and ritual changes are associated with state formation: increased social stratification, taxation, full-time military service, craft specialization, full-time merchant classes, full-time priests,

among others (Carneiro 1970; Flannery 1972, 1995; Marcus 1976, 1993; Marcus and Feinman 1998; Redmond and Spencer 2008, 2013; Sanders 1974; Wright 1977); these changes may not have occurred simultaneously. Some transformations may have taken place after state formation, intentionally or indirectly imposed by the newly formed state. Other changes in household social, economic, and ritual behavior may predate the state, providing the conditions necessary for political transformation.

The Valley of Oaxaca, Mexico

Oaxaca has a strong tradition of multi-scalar research including household investigations and regional survey (Blanton et al. 1999; Flannery and Marcus 1983; Marcus and Flannery 1996; Robles García and Juárez Osnaya 2004). Surveys of the Valley of Oaxaca and other neighboring valleys have been important for understanding the development and elaboration of social complexity as well as intra-regional and inter-regional dynamics of population growth, settlement, and interaction (Balkansky 1997a, 1997b, 2002, 2006; Blanton 1978; Blanton et al. 1982; Byland 1980; Feinman and Nicholas 2013; Kowalewski et al. 1989; Redmond 1983; Spencer and Redmond 1997; Spores 1972).

Oaxaca has been a leader in household archaeology (Balkansky et al. 1997; Casparis 2006; Elson 2007, 2011; Faulseit 2013; Fernandez-Dávila and Gómez Serafín 1993; Finsten 1995; Feinman 1999; Feinman and Nicholas 2004, 2007, 2009, 2011; Feinman et al. 2002, 2008; Flannery 1976; Lind 2008, 2009; Lind and Urcid 2010; Markens 2008; Robles García 1981, 1986; Sherman 2005; Spencer and Redmond 2004b; Winter 2007). Multi-scalar household research in Oaxaca is exemplified by projects at sites such as San José Mogote (Flannery and Marcus 2005, 2015), Tierras Largas

(Flannery and Winter 1976; Winter 1972, 1974), Fábrica San José (Drennan 1976, 1988), and Santo Domingo Tomaltepec (Whalen 1981, 1988a, 1988b, 1988c). These projects documented links between increasing social inequality and sociopolitical complexity and household organization.

In spite of this history of research, we still lack information on households from the Early Monte Albán I phase (500-300 B.C.) and Late Monte Albán I phase (300-100 B.C.), an era of dramatic increase in sociopolitical complexity and the rise of centralized polities. Thanks to several previous projects, we do have information about houses from the immediately preceding Rosario phase (700-500 B.C.) and from Monte Albán's consolidation in the Monte Albán II phase (100 B.C.-A.D. 200) (Elson 2007; Gonzalez Licón 2003, 2009; Winter 1974). Excavated houses that pre-date the Early Monte Albán I phase show elaboration of architecture and mortuary practices, features that become standard in elite residences beginning with the Monte Albán II phase (Drennan 1976; Winter 1972; Flannery and Marcus 2005:417-419).

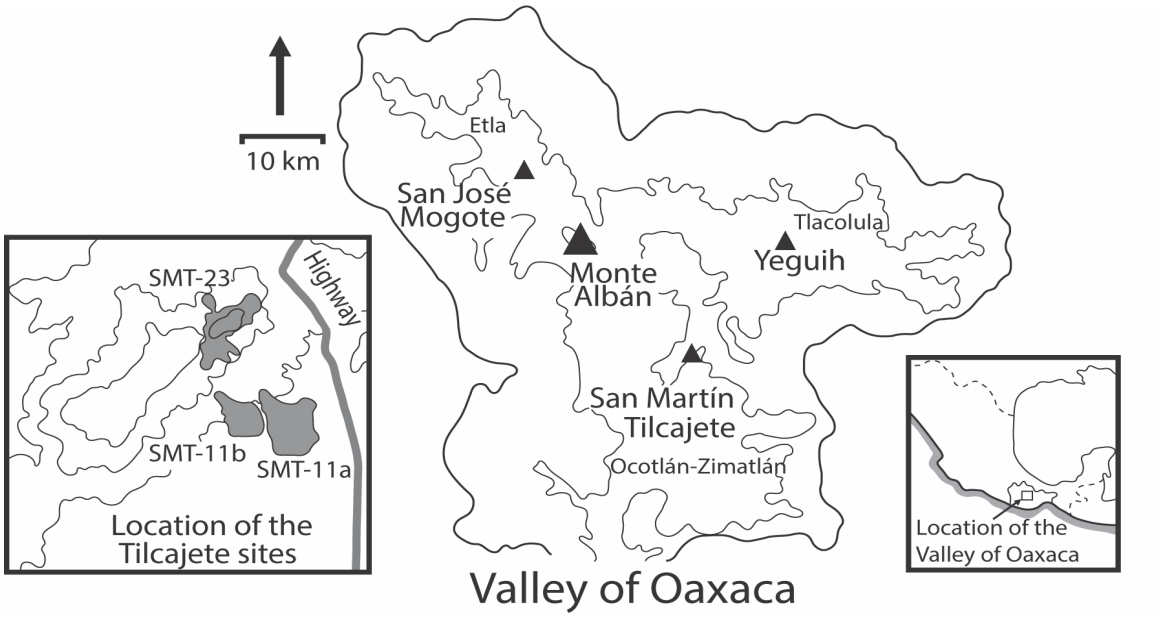


Figure 2.1 - The Valley of Oaxaca showing the locations of the Tilcajete sites. Redrawn from Redmond and Spencer 2017

Monte Albán and the Tilcajete Sites

The formation of a pristine state-level polity at Monte Albán was documented in part through a settlement pattern survey, which also discovered the Tilcajete sites (designated as El Mogote SMT-11a and El Palenque SMT-11b) (Blanton 1978; Flannery and Marcus 1983; Kowalewski et al. 1989; Spencer 2010). Due to centuries of later occupation and overburden at Monte Albán, archaeologists have yet to fully investigate early economic, social, and ritual changes that took place at the capital itself. As a result, investigators have excavated other major contemporaneous centers that likely had contact or conflict with the powerful population center and political capital at Monte Albán.

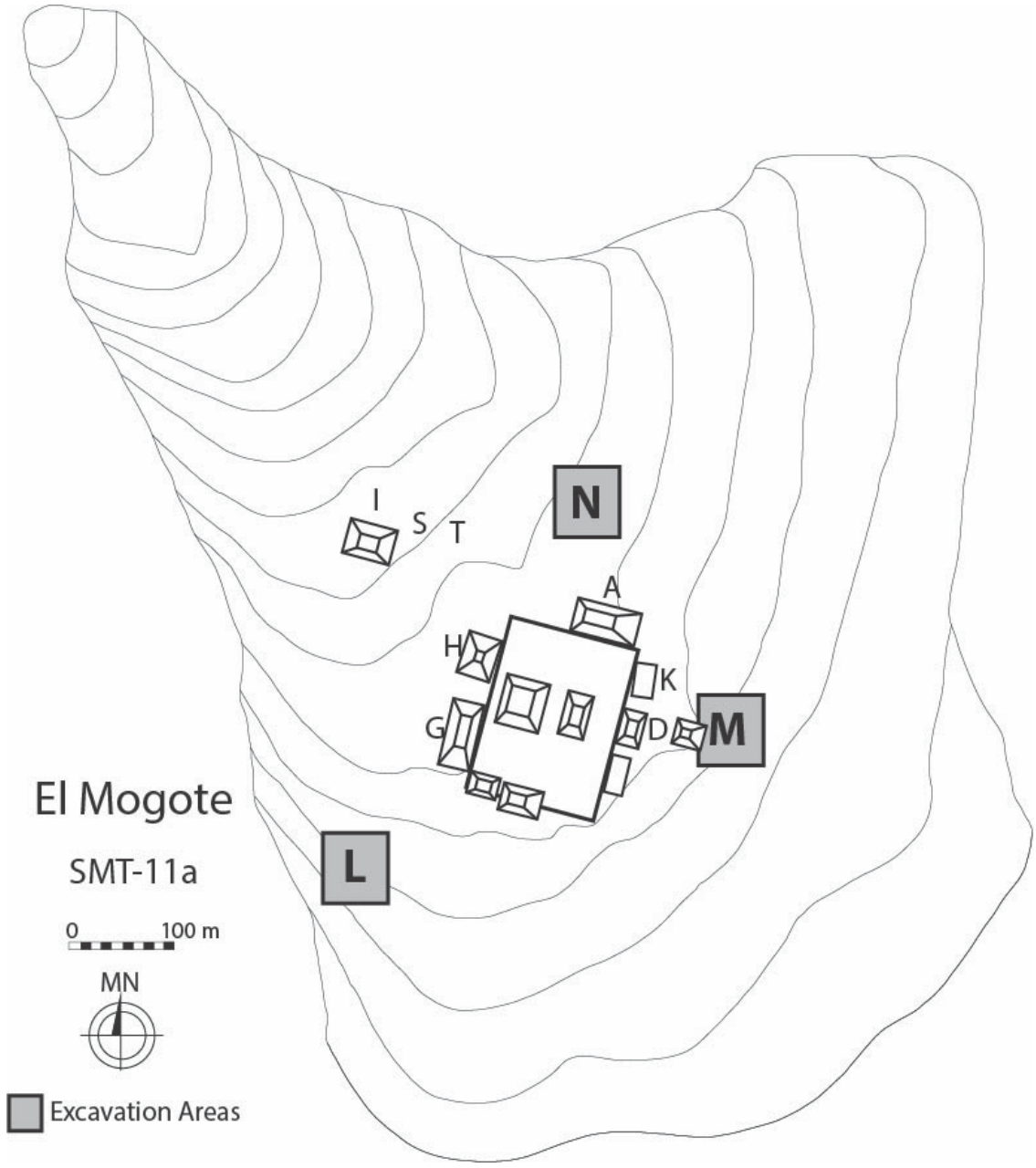


Figure 2.2 - The El Mogote Site showing 3 areas excavated (L, M & N)

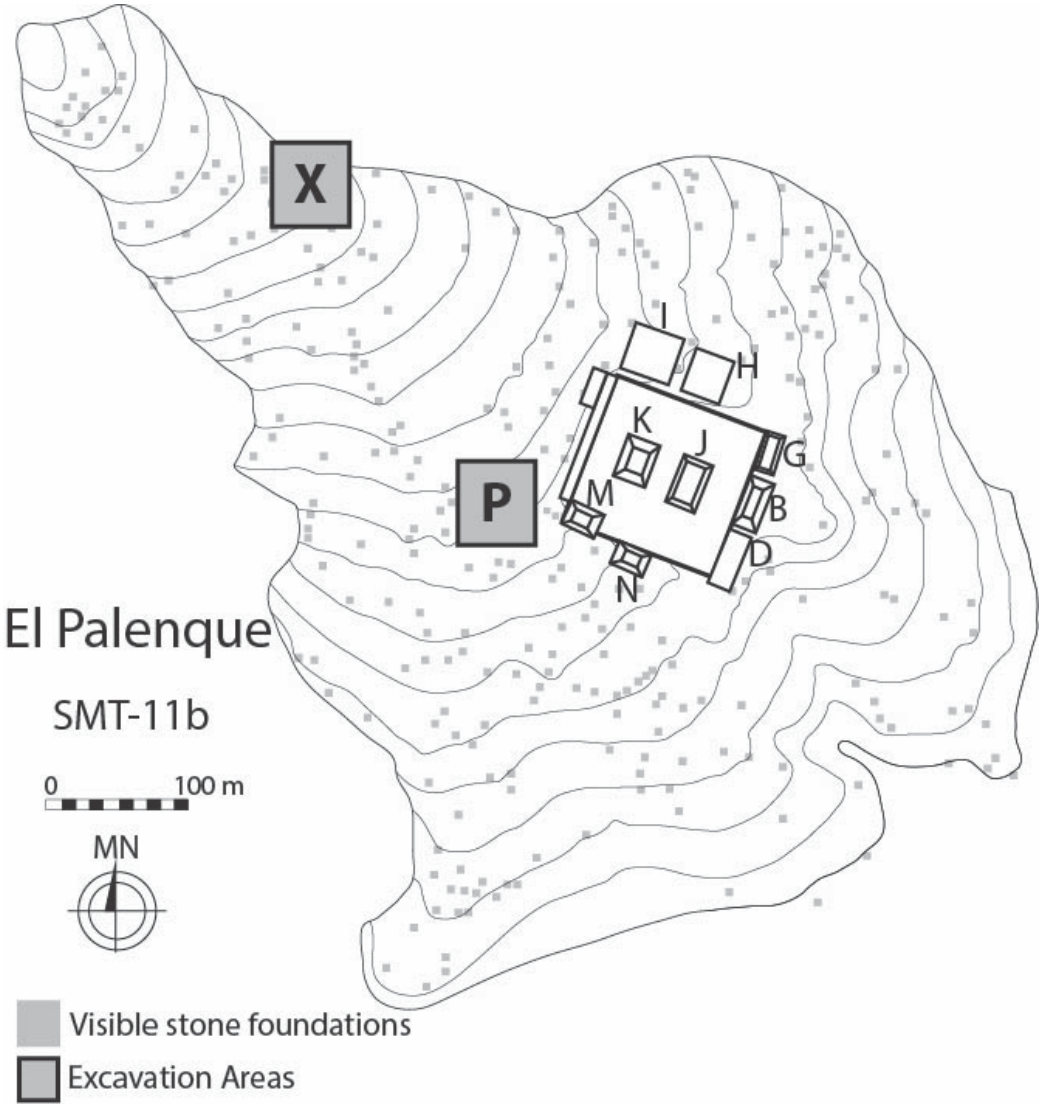


Figure 2.3 - The El Palenque Site showing 2 areas excavated (X & P)

Spencer and Redmond's research at the Tilcajete sites includes mapping, intensive site survey, and extensive horizontal excavations. This project has provided evidence of changes and continuities in civic-ceremonial architecture. From 500 to 300 B.C., El Mogote's residents lived at large center in a powerful chiefdom, one of the three competing settlements in the Oaxaca Valley (see Table 3). Around 300 B.C., El Mogote's

was attacked and the main plaza was abandoned. A new plaza and public buildings were constructed 800 m upslope in a more defensible location (see Figure 1 and Table 1). This new occupation is called El Palenque. The plazas at El Mogote and El Palenque are comparable in size, layout, and orientation. In spite of hostilities with other centers in the valley, the population at the Tilcajete sites continued to grow during the Rosario phase through the Late Monte Albán I phase when the plaza at El Palenque was rebuilt. The persistence of people in this area is a testament to the resilience of the local residents and an indicator of the importance of this population to the newly formed Tilcajete state, which evidently maintained its political independence from Monte Albán until the first century B.C. (Redmond and Spencer 2006; Spencer and Redmond 2003). These arguments can be further explored and tested with household data.

Spencer and Redmond's excavations have focused primarily on public buildings surrounding the main plazas at each site (see Figures 2 and 3) where they uncovered remains of elite residences, a ruler's palace, and temple structures (Redmond and Spencer 2013, 2017; Spencer and Redmond 2004b). These extensive horizontal excavations have documented significant shifts in the layout and degree of planning in civic-ceremonial architecture from the Early and Late Monte Albán I phases. Temples, located in analogous positions on the eastern side of the plaza of each site, grow from one room structures to elaborate complexes featuring three multi-room temples with two associated residential structures that served as priestly living quarters, evidence of a full-time specialized priesthood (Redmond and Spencer 2013). On the north side of the plaza, each site features an elite residence. At El Mogote, the Early Monte Albán I phase site, there is an elite residence that underwent frequent and improvisational reconstruction and

expansion (see Figure 2, Mound A). By contrast, the elite residence on the north side of the El Palenque plaza is an elaborate, planned palace (see Figure 3 Area I) with residential and administrative structures, modified only slightly during its 250 year occupation (Redmond and Spencer 2017; Spencer and Redmond 2004b).

Spencer and Redmond have interpreted these changes in monumental architecture as evidence of the institutional reorganization associated with the transition from chiefly to state-level administration, which they consider a key ingredient of the Tilcajete polity's strategy of resistence against Monte Albán's militarism (Redmond and Spencer 2006, 2008, 2013, 2017; Spencer and Redmond 2003, 2004b). The history of work at El Mogote and El Palenque made these sites exceptionally well suited for investigating the connection between household patterns and political transitions and reassessing some of the interpretations of resistance and reorganization in light of domestic, household level data at these communities.

Alternative Research Hypotheses

This project addresses two sets of questions about how households were organized before, during, and after state formation in the Early and Late Monte Albán I phases. These questions concern the development through time of the relationship between households and the institutions of the Tilcajete polity where a secondary state emerged in response to hostilities with the pristine state centered at Monte Albán: **(1) How were households organized in the Early Monte Albán I phase? Did their organization create favorable conditions for the emergence of increased sociopolitical complexity? (2) What were the effects (if any), at the household level, of the political institutional transformations documented during the Late Monte**

Albán I phase (300-100 B.C.)? Did household organization, economic activities, and ritual practices at El Mogote and El Palenque remain constant or experience changes concurrent with those seen in the civic-ceremonial plazas?

I evaluate alternative hypotheses about how households and daily life in the Tilcajete communities may have changed or remained the same during this volatile period (see Table 2). The objective of these models is to monitor change and continuity across three dimensions: (1) *economic* (encompassing subsistence and craft and trade activities), (2) *social* (including household composition and the division of labor), and (3) *ritual* (religious, symbolic, and mortuary practices). Using data from household architecture, living surfaces, activity areas, and ritual spaces and deposits (see Table 3), I attempt to determine the nature and timing of any changes. Diachronic household data allow me to address both sets of questions and evaluate the nature and timing of household level changes during state formation at Tilcajete.

Table 2.2 - Models and their archaeological correlates

Model	Material Correlates and Archaeological Patterning
State formation primarily affects the supra-household political sphere with **minimal impact across households.**	There are broad similarities between Early Monte Albán I and Late Monte Albán I houses at El Mogote and El Palenque. 1) **Economic**. Access to resources such as plant and animal food and methods of food production/preparation remain constant. Craft and other non-food subsistence activities remain the same. Exotic materials such as obsidian, shell, and ceramics have relatively similar frequencies across all houses. 2) **Social.** House and neighborhood composition remain the same. House construction, size, and storage facilities are similar across both sites. 3) **Ritual**. The artifacts, features, and spaces for household ritual occur in similar frequencies and configurations.

Model	Material Correlates and Archaeological Patterning
State formation affect **some activity spheres** across all households with the some of variation based on in household socioeconomic status.	1) **Economic.** *Access to resources is different for households at El Mogote.* Food production and crafting may show *increased diversity* due to new, more extensive trade networks. Or, they may show a *decrease in diversity* because Monte Albán, a larger and more powerful state than Tilcajete, was restricting access to various intra- and inter-regional trade networks. 2) **Social**. *Household and neighborhood composition differ at El Palenque*. We may see an *enlargement of houses* indicating a shift to extended family residences or the inclusion of non-related individuals in the household, indicating an increase in household labor to meet tribute demands and/or for defense. At a larger spatial scale, *more densely settled neighborhoods* may indicate new organization of intra-site exchange and cooperation and a need for defense. 3) **Ritual.** *Ritual activity differs among houses at El Palenque.* There may be a *decrease in domestic ritual items* such as figurines and incense burners representing a shift in the locus of ritual activity from domestic to public sphere. Or, there may be *more marked differences* in the artifacts associated with ritual *in the household vs. public sectors* of the site, representing a divergence in household and public ritual activities.

Minimal Visible Household-level Impact Resulted from State Formation

The effects of state formation may be limited to supra-household institutions related to mobilization of surplus and public ritual. In this case, there should be continuity between El Mogote (Early Monte Albán I phase) and El Palenque (Late Monte Albán I phase) in house size, construction techniques, and configuration which may reflect the number of occupants, continuity in spatial distribution of household activities, and the continuity of either nuclear or extended family household organization (D'Altroy and Hastorf 2001). Also, there should be great similarities in available resources and resource-processing artifacts including plant and animal comestibles, tools and methods of food production and cooking, ceramics (both clay types and vessel forms), ritual accouterments, and exotic materials such as shell and obsidian. I would also expect to find consistency in the nature and intensity of subsistence and craft activities including maize farming, turkey raising, spinning, obsidian and stone working. Houses from Early and Late Monte Albán I at the Tilcajete sites can be compared with excavated houses

from Rosario phase (700-500 B.C.) elsewhere in the Oaxaca Valley to evaluate the possibility that significant changes in household organization predate the emergence of the state.

State Formation Affects Household Activities

A large political reorganization may alter a community's relationships within and beyond the region as it often involves the creation of new alliances and/or new competitors (Brumfiel 1996a). Certain activities or suites of activities may have been affected by the shift to a centralized, internally specialized government (Feinman and Marcus (eds.)1998; Redmond and Spencer 2008, 2013; Spencer 2009, 2010; Spencer and Redmond 2001, 2003; Wright 1977). Households may have been particularly affected by changing trade networks, political hierarchies, tribute demands, labor demands for public works, an increased emphasis on formalized public religious rituals, and increased settlement nucleation (Bawden 1990; Bermann 1994; Brumfiel 1996a, 1996b; De Lucia and Overholtzer 2014). The community at Tilcajete may have responded to these changes by altering their economic, social, and/or ritual behavior to meet the demands of the new political climate. The activities that changed may reflect the aspects of state formation that require household participation. It is probable that households of different socioeconomic status experienced changes differently, with some dimensions affected more or less than others.

a. There may have been a ***change in resource availability***. In this case, activities such as food production and crafting may show increased diversity due to new, more territorially extensive trade networks. Or they may show a decrease in resource diversity because Tilcajete's rival, Monte Albán, was a larger and more powerful

polity and may have attempted to restrict Tilcajete access to various regional networks. Long-distance exchange may be particularly susceptible to changing pressures as this kind of trade is more likely to be controlled by a relatively small and priviledged group of people (Earle 2002). More robust networks of widely available resources may be less affected by changes in the upper levels of the political sphere.

b. Tilcajete's political transformation may have had an effect on ***household composition***. States often demand taxes, tribute, and labor from their subjects (Carneiro 1970; Marcus and Feinman 1998). New or increased demands on households may have resulted in an enlargement of houses from El Mogote to El Palenque to accommodate extended families or the addition of non-kin. A move from nuclear to extended family households may have affected the division of labor within households and may have affected men and women differently (Brumfiel 1992; Hastorf 1991). It may also have affected neighborhood levels of organization resulting in different intra-site patterns of exchange and cooperation (García Cook 2003; Pyburn 1998; Pyburn et al. 1998).

c. Tilcajete's political transformation may have had an effect upon ***household-level ritual activities***. The emergence of the early Zapotec state is considered to have been associated with a full-time, specialized priesthood and standardized, two-room temples. Both developments signal the rapid shift of ritual from the domestic to the public sphere (Flannery 1998; Flannery and Marcus 1976; Redmond and Spencer 2008, 2013). The presence of a priesthood indicates that ritual knowledge becomes more restricted to individuals with specialized training and knowledge. In

this case, we may see a decrease in the use of figurines and simple incense burners (used to communicate with the ancestors in household contexts) (Marcus 1998). These ritual artifacts may be replaced by more elaborate incense burners with iconography referencing the supernatural and urns referencing deceased nobles (Marcus 1983). The increase in social stratification and the importance of noble ancestry may lead to disproportionate change in elite ritual (e.g., mortuary practices and ancestor veneration rituals).

Pervasive Household-level Change Coincides with State Formation

The effects of state formation may be visible in multiple dimensions or suites of household activity. In this case, there should be distinct changes between El Mogote (Early Monte Albán I phase) and El Palenque (Late Monte Albán I phase) in house size, construction techniques, and configuration related to the number of occupants, the spatial distribution of household activities, and household composition. There may be differences in available resources and/or resource-processing artifacts including plant and animal comestibles, tools and methods of food production and cooking, ceramics (both clay types and vessel forms), ritual implements, and exotic materials such as shell and obsidian. I would also expect to find differences in the nature and intensity of subsistence and craft activities reflecting a reorganization of household economic strategies.

Field Research Strategy

Fieldwork was divided in two phases to address the two sets of research questions outlined earlier. Phase I involved excavations at the Early Monte Albán I phase site El Mogote where I collected data on pre-state household organization. Phase II involved excavations at the Late Monte Albán site El Palenque where I collected data on

household organization after state formation. All excavations were broadly horizontal and exposed complete house floor plans and and surrounding activity areas. The Tilcajete sites are well-suited to large scale excavations because (1) their occupation was short (ca. 200 years each) and (2) residences are just below the surface, with no later overburden.

The Tilcajete sites have been the focus of more than 20 years of excavation, and I had the opportunity to build on these results and to add to the dataset. Excavation methods at both sites were the same as those used in previous excavations by Spencer and Redmond, to make all collected data compatible and comparable. Each excavation unit is be located on the site map and linked with the existing global grid system, divided into 1 x 1 m squares, and excavated in 10 cm arbitrary levels within natural stratigraphy. Features and sealed deposits were screened with quarter-inch mesh. Plans of architecture and features were made using standardized millimeter graph paper. All excavation notes were recorded on provenience cards used in all previous excavations at the site. These cards provide space to record details about soils, elevations of excavation levels, artifacts recovered, and comments. Additional notes are written on sheets of lined paper. Artifacts and ecofactual samples associated with living floors, patio areas, features, and burials were piece-plotted on excavation maps. Archaeological samples (C14, phytolith, flotation, and soil chemistry) were taken from all living floors and features. All excavations were documented using a digital camera.

Laboratory analyses provided an opportunity for a closer examination of the material remains of daily life. All materials (e.g., ceramic, lithic, daub and adobe, botanical, faunal) and samples (e.g., flotation, radiocarbon, soil chemistry) collected during fieldwork were analyzed during the laboratory phase to record information about

their manufacture or formation, use, and discard. Data collected and recorded in the laboratory were analyzed to identify statistical patterns in spatial distribution and metric variation. These patterns aid in reconstructions of organization, intensity, and change through time of the activities of daily life during state formation.

Phase I: Excavations at El Mogote (SMT-11a)

Excavations at El Mogote have generated data to address my first set of questions about pre-state household organization. I targeted three areas in the residential sectors of the site (see Figure 2.2) in order to maximize my chances of sampling a diverse range of domestic deposits. From January through August of 2014, I completed twenty-five weeks of excavation and exposed three structures (a total of 730 m^2) at El Mogote. All excavation areas were chosen based on the surface collections made by Spencer and Redmond, examining the current surface scatter, and test excavations.

I found the remains of two elite residences in Area M, east of the El Mogote plaza (see Figure 2.4). Area M's proximity to the civic-ceremonial core, the nature of artifacts, and the presence of substantial stone architecture are indicative of high status. Excavations in this area produced domestic architecture and associated features that make up residential compounds. I uncovered the remains of two houses (Structure 33 and Structure 34). Structure 33 and 34 (see Figure 2.4) were occupied sequentially over the course of the Rosario and Early Monte Albán I phases (700-300 B.C.). Structure 33 was built directly on top of the destroyed Structure 34 foundations, separated by a fill and burning layer.



Figure 2.4 - Photo of El Mogote Area M, showing excavations of Str. 33 and the underlying Str.34

By means of a program of test pits in two sectors of El Mogote, I was able to locate some promising non-elite domestic deposits. I began by excavating a series of test pits in two areas, one located southwest of the El Mogote plaza (Area L) and another north of the plaza (Area N) (see Figure 2.2). The test pits in Area L revealed that this sector of the site has been seriously damaged due to mechanized plowing, and the likelihood of finding intact, stratified deposits is very low. Area N has also been plowed with a tractor, but certain areas are intact. One of the Area N test pits produced stratified deposits and stone architecture. We opened a total of 165 m^2, exposing as much of Structure 36 and its associated features as time allowed (see Figure 2.5).

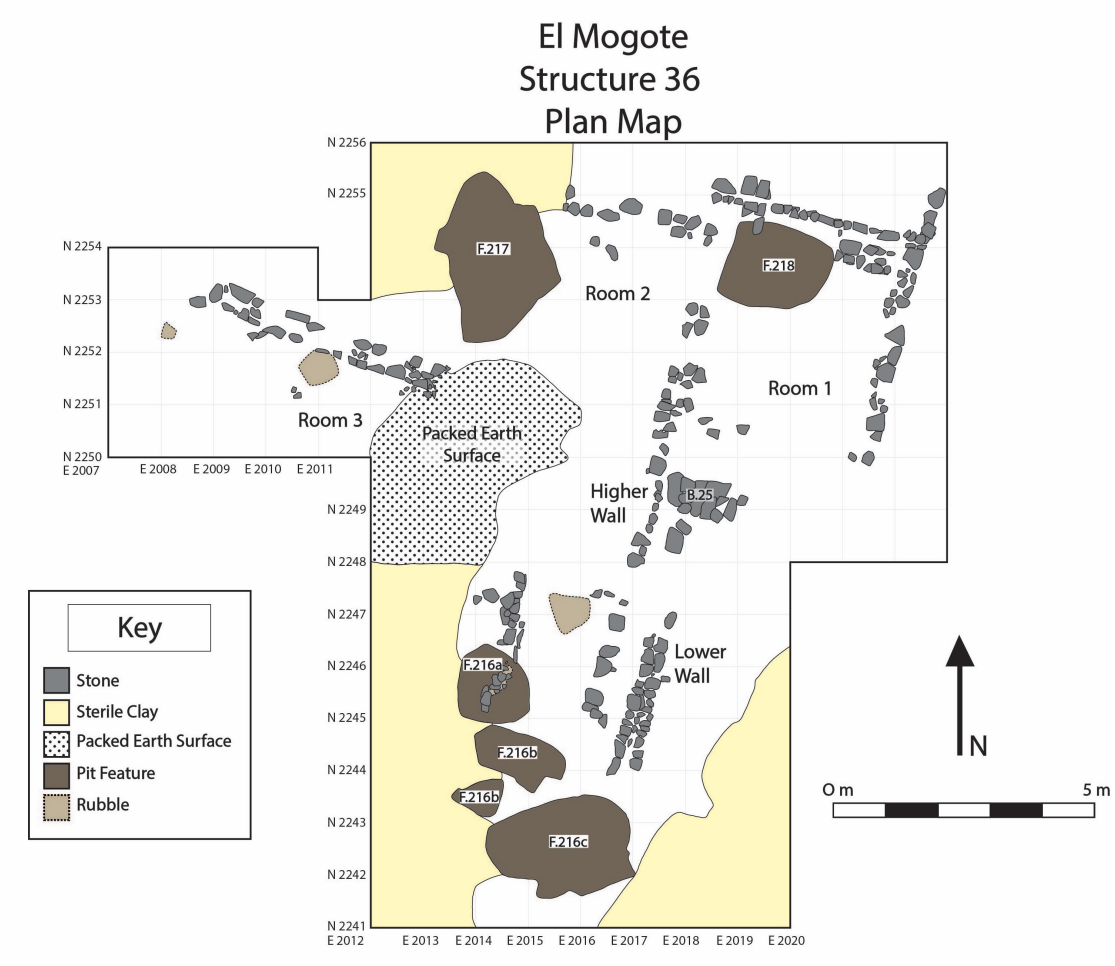


Figure 2.5 - El Mogote Area N Str. 36

To evaluate change and continuity at the Tilcajete sites, I outlined a series of archaeological correlates relating to economic, social, and ritual behavior at El Mogote and El Palenque. All excavated houses and their exterior areas have ample evidence of the domestic economic, social, and ritual behavior for addressing my research questions (Table 3). I recovered an array of long-distance and local materials from these residential compounds: creamware ceramics made from clay found exclusively near Monte Albán, shell from the Gulf Coast, obsidian, jadeite, and chert. These materials already indicate

that the households of El Mogote participated in trade networks within and well beyond the Valley of Oaxaca. The densities and frequencies of different artifact classes in conjunction with these residential compounds serve as the basis for comparing daily life and household organization at during the Rosario phase and the Early Monte Albán I phase at El Mogote with the Late Monte Albán I phase at El Palenque.

Table 2.3 - Available lines of evidence

Lines of Evidence	Archaeological Signature at the Tilcajete Sites
Food Production	1) **Faunal** evidence includes turkey, peccary, cottontail and jackrabbit, deer, and turtle. 2) **Botanical** evidence includes seeds from wild and domesticated plants such as maize, squash, beans, and prickly pear fruit. 3) **Ceramics** related to food cooking and storage includes artifact categories such as jars, tortilla griddles, and other coarsewares. 4) **Lithics** related to food preparation include groundstone manos and metates and chipped stone and obsidian scrapers and blades.
Long-distance Exchange	1) **Obsidian.** There are no obsidian sources in the Oaxaca Valley, so all obsidian found at Tilcajete comes from either the central Mexican highlands or Guatemala. 2) **Marine shell.** Tilcajete is located over 250 km from the Pacific coast and about 350 km from the Gulf coast. 3) **Ceramics.** The Oaxaca Valley had trade relationships with central Mexican highlands and the Gulf coast lowlands where obsidian and shell derived from. At times, we find ceramics from these regions at sites in the Valley of Oaxaca.
Household Composition	1) **Household Construction.** During the Rosario period, one room wattle and daub houses were common (Drennan 1976). By Late Monte Albán I, stone and adobe rooms around a central patio were standard. We currently do not know when and how this shift in house construction occurred. 2) **Storage Facilities.** Along with this shift in house construction, we also see a disappearance of bell-shaped storage pits by Late Monte Albán I. It is possible that people devoted a room in the house for this purpose. 3) **Household Size.** The rise of stone and adobe houses accompanied the rise of multi-room compounds. This increase in house size is likely indicative of a shift from nuclear to extended family households.

Lines of Evidence	Archaeological Signature at the Tilcajete Sites
Craft Production	1) **Bone tools.** Implements made from animal bones provide evidence of several craft activities such as hide-working (awls), sewing, and basketry (needles). 2) **Ceramic production.** This activity will be evidenced by kiln wasters, molds, and other production debris. Most utilitarian ceramics in Oaxaca were produced locally, so each site likely had a number of households engaged in this activity. 3) **Cloth production.** To date, most evidence for cloth production at Tilcajete comes from the public sector (Redmond and Spencer 2013). House excavations may also yield evidence for spinning (spindle whorls) and/or weaving.
Ritual Activity	1) **Mortuary**. The Zapotec buried their dead inside their houses in formal stone crypts or simple graves below the house floor or walls. They often included ceramic offerings. 2) **Household**. Household rituals include dedications and closings, animal offerings, incense burning, and divination. These often include figurines, ceramic vessels, animals, and braziers.

Phase II: Excavations at El Palenque (SMT-11b)

Fieldwork at El Palenque was designed to provide the diachronic perspective necessary to address my second set of research questions regarding change in household organization following the emergence of the state. Excavations build on work conducted in 1997 and 2011 at El Palenque as well as my 2014 excavations at El Mogote to document a wider range of houses, activity areas, features (e.g., hearths, storage pits, burials), artifacts (e.g., ceramics, chipped stone, worked bone), and faunal, botanical, and human remains. Systematic excavations were undertaken to expose the layouts of rooms and exterior areas (e.g., patios, courtyards, alleys between houses, and middens/trash deposits) of household/residential compounds. I excavated two houses (808 m^2) over the course of 20 weeks in July-December of 2016.

At El Palenque, each excavated house came from a different area of the site, at varying distances from the plaza. This strategy provided data on the diversity of houses and offers the possibility for assessing differences between neighborhoods or barrios at

the site. Excavations expanded on fieldwork conducted in 1997 and 2011 in Areas P and X, two residential precincts located 70 m southwest of the plaza and 300 m west of the plaza respectively (see Figure 3). I chose to excavate these two sectors because each had already produced complete, well-preserved Late Monte Albán I phase residences. Area P yielded a complete multi-room house with a family burial facility and an exterior midden or trash dump. Area X, Structure 30, was a complete house with a burial facility and possible exterior trash deposit. Both areas had evidence of neighboring houses in the form of visible stone foundations or low mounds.

I attempted to excavate an equal number of structures from El Mogote and El Palenque to maximize comparability. I discuss data from four houses at El Palenque, two that I excavated and two that were previously excavated by Spencer and Redmond. The excavated houses range from 108.75 m^2 to 475 m^2 and had maximum depths of ca. 0.5 m. The fairly shallow depth of house foundations, floors, and features made it possible to completely excavate, document and backfill a complete house and its surrounding exterior features in approximately eight to ten weeks.

Laboratory Work and Analysis

Laboratory analyses allow for a closer examination of the materials of daily life. Cultural material and samples collected during the excavations were processed, studied, and classified according to specific protocols discussed below. All analyses were conducted by trained archaeologists in the project's laboratory in San Martín Tilcajete's municipal palace. Artifacts were cleaned only when necessary to preserve any residues that may be present. Representative and unusual items were drawn and photographed.

Ceramics. Pottery can provide information on many aspects of daily life: cooking, storage (vessel form, size, and wear patterns), crafting (kilns, wasters, and molds), ritual feasting (serving vessels and decorated wares), burial rites, (urns, incense burners, and braziers), exchange and distribution (non-local clays, vessel styles, and decorative motifs). A contextual analysis of ceramics provides data on the nature and intensity of activities. Pottery styles (with radiocarbon dates) can be used to date contexts.

All ceramic fragments found during the excavations were collected. Due to the abundance of sherds, only diagnostic sherds (rims, handles, bases, and decorated fragments) and other ceramic objects like figurines, spindle whorls, and incense burners were coded in detail. Non-diagnostic fragments were classified by paste, counted, and weighed. The ceramic analyses followed Spencer and Redmond's coding scheme (See Appendices A and B) which makes use of the original ceramic typology for the Oaxaca Valley (Caso and Bernal 1952; Caso et al. 1967). The Oaxaca typology is widely used and makes my data comparable with other studies in the region. Spencer and Redmond's coding scheme has been used to record all ceramics collected at El Mogote and El Palenque, so all ceramics from the site were documented using the same methodology. This scheme accounts for morphological, decorative, and technological attributes of sherds such as vessel form, paste, rim form, orientation, decorative technique, slip or paint colors, motifs, and location of decoration on the vessel. (Spencer and Redmond 1997). Other attributes such as sherd thickness, rim diameter, and the presence of burning, soot, or residue were also recorded. Spatial analysis of ceramic form and decorative patterning provide data related to changing symbolism (See Chapter 7).

Lithics and exotics. All chipped, polished, and ground stone tools, debris were collected. The technological and morphological analysis of stone tools (e.g. agricultural implements, plant processing tools (scrapers and grinders), and hunting tools) was conducted by Jonathan Paige of Arizona State University. Analyses of tools and débitage were used to determine stages in the reduction sequence and assess whether these items were manufactured, modified, or simply used in households at the sites. The distribution and contexts of polished and ground stone tools such as manos and metates and abraders provide information about food preparation activities such as plant processing and grinding. The presence and distribution of exotic materials such as shell, greenstone, and obsidian serve as evidence of long-distance exchange and differential access to sumptuary goods. Fifty obsidian artifacts were selected for INAA analysis to determine the sources for lithic materials. These data were used to assess Tilcajete's connection to larger regional trade networks.

Architectural Material. Architectural materials provide information about house construction techniques and labor requirements. All daub was collected for categorization, counting, and weighing. Additional measurements were taken of stick and cane-impressed. Adobe bricks were included on maps with stone foundations to record their dimensions, orientations, and color. Samples were taken of well-preserved adobes for additional information on their manufacture. The presence of adobes made from different soils in the same structure can indicate the use of work groups or adobes as tribute (Spencer and Redmond 2004b).

Subsistence Remains. *Faunal* and *botanical* remains are used to assess food production, preparation, and consumption activities. The analyses of these materials is

forthcoming. Comparisons of subsistence remains from El Mogote and El Palenque will address the impact on houses of tribute demands, changes in labor patterns, and increased household size during Rosario and Early and Late Monte Albán I (700-100 B.C.). Such comparisons reveal changes in access to resources and shifts in food processing/preparation related to state formation.

Human Remains and Burial Practices. Mortuary practices can be used to evaluate a number of variables including ritual life, relative socioeconomic status, health, and repetitive activities. Changes in body treatments, positioning, and grave goods may shed light on changing religious practices and beliefs between the El Mogote and El Palenque occupations. In Mesoamerica, grave construction and goods as well as cranial deformation and dental inlays were markers of prestige (Martínez López et al. 2014; Winter et al. 1995). Comparisons between El Mogote and El Palenque of these practices (combined with grave goods) may provide one line of evidence for assessing changes in status that may coincide with state formation (see Chapter 5). Further, assessments of health, nutrition, and lifetime activities through dental and other skeletal markers such as kneeling facets, broken bones, and arthritis can help us assess whether changes in behavior related to state formation affected nutrition, health, and daily activities.

All burials were documented in the field through hand-drawn plans and photographs to record the position and location of each burial and tomb, including the position and orientation of the body, body treatment, and the nature and quantity of offerings. In the laboratory, all bioarchaeological analyses were completed by Sofía Pacheco-Fores of Arizona State University. Age, sex, and pathologies were recorded, and

these data are used to assess possible changes and differences in burial rituals between the El Mogote and El Palenque occupations.

Quantitative Analysis. Two kinds of comparisons were required to assess the proposed models: (1) diachronic comparisons (El Mogote houses vs. El Palenque houses) and (2) spatial comparisons. In order to compare houses and their assemblages, I stratified my sample of houses temporally (Early Monte Albán I phase vs. Late Monte Albán I phase). I calculated the frequencies of each artifact type, normalizing it by the total number of diagnostic ceramics to obtain comparable quantities for a more accurate assessment of similarities and differences between houses (see Table 3 for information about how artifact classes are related to analytical dimensions). In addition to diachronic comparison, I assessed the relationship between houses at each occupation to account for intra site variability which may be connected to socioeconomic status. All of these quantitative analyses were performed with JMP, a statistical program.

Research Crew

I directed fieldwork and was responsible for the analysis of ceramics, shell, daub, and figurines archaeological materials. In addition, Dylan Carpenter, Jordan Dalton, Bree Doering, Molly Eimers, Chelsea Fisher, Autumn Melby, Annie Sherfield, Lizzette Soto, and Nick Trudeau assisted in excavations and laboratory analyses. Sofía Pacheco-Fores analyzed human remains and Jonathan Paige analyzed lithic tools. A team of experienced excavators were hired from the town of San Martín Tilcajete to assist in the fieldwork. This crew included Angel Fabián Mendez, Francisco Javier Fabián Mendez, Enrique Fabián Ortega, Pedro Fabián Ojeda, Pedro Fabián Calvo, Vicente Hernandez, Victor Matías, Mayolo Ramirez Ortega, Jaime Mendez Julián, Felix Calvo Mendez, Hugo

Lopez Buendia, Alberto Jimenez Ojeda, Tereso Fabían, and Neri Cruz. A team of artists from San Martín Tilcajete was hired to assist with ceramic illustrations. This crew included Lucrecia Matías, Gabriela Fabián Matías, Brenda, and Graciela.

Conclusions

This project was the first archaeological excavation focused on households at the time of state formation in the Oaxaca Valley, Mexico. Polities cannot support themselves or change without involvement from the households whose labor and resources are the foundation of larger systems. Research on households has the potential to provide a more detailed understanding of the timing of changes associated with state formation and yield new insights into the effects this political transformation might have on the majority of the population. Oaxaca has long been a laboratory for household research, but we lack information about households from this important time period.

A household study complements previous research and provides new data and a more detailed and comprehensive understanding of the process of state formation. In this study, I combine data from domestic sectors with the completed work on public institutional contexts at Tilcajete and with regional settlement patterns in order to contribute to the multi-scalar perspective on the process of state formation in Oaxaca. The ultimate goal of my research is to expand our anthropological understanding of early state formation and allow for comparisons with similar cases in other world areas.

Chapter 3 - Changes in Formative Architecture

The Formative period (1500 B.C. - A.D. 200) in Mesoamerica was a time of dramatic change including sociopolitical reorganization, violent conflict, and population movement. In the Oaxaca Valley, the emergence of increasingly complex sociopolitical systems has been well-documented through regional settlement pattern studies that reveal a site-size hierarchy (Kowalewski et al. 1989) and excavations of monumental architecture that reveal floor plans of distinct building types serving specific functions (Flannery and Marcus 2015; Redmond and Spencer 2013, 2017). This research has advanced our understanding of how new ideological, economic, and political institutions formed and enabled polities to expand their influence. Studies of Formative period households in the Oaxaca Valley have explored the daily lives and strategies households on the local level (Drennan 1976, 1988; Elson 2007; Fernández-Dávila and Gómez Serafín 1993; Flannery 1976; Flannery and Marcus 2005; Sherman 2005; Whalen 1981, 1988a, 1988b; Winter 1972, 1974). Both regional and local perspectives are necessary for a comprehensive understanding of increasing sociopolitical complexity and the emergence of the state during the Formative period.

In this chapter, I examine available data on households and house architecture in concert with public buildings and community and regional settlement patterns during the entire Formative period. By combining household and regional approaches with kinship

theory, I will examine the nature and timing of changes in public and domestic architecture and their relationship to regional settlement patterns. I argue that co-residential household structures became increasingly important as a locus for kin-group identity expression as a result of increasing internal government-level specialization associated with rising sociopolitical complexity. The emergence of states is marked by the construction of special-purpose public buildings staffed by full-time officials who possess special knowledge, skills, and authority. Access to these formerly communal spaces may have become more regulated or restricted. Accordingly, Formative period villagers increasingly may have turned to households as places to reinforce social cohesion, group membership, and reaffirm their beliefs.

Frameworks for Studying Households and Household Architecture

Households and domestic architecture provide important data on the economic, social, and ritual behavior of the majority of the population. Households are flexible, adaptive units and thus important for assessing the timing, causes, and effects of large-scale sociopolitical transformations on daily life and household organization (Chang 1958; Flannery 1976).

Households consist of a group of co-residential individuals (see Chapter 2 for a full discussion of the definitions of houses and households). People sharing a house are bound together through any number of ties including social ties like kinship and economic ties like shared resources, craft production, and pooled labor. Households depend on these links to forge and reinforce relationships between co-residential individuals. When people share resources, divide labor, and make choices that influence their daily survival, these decisions create the context for the emergence of networks at

larger scales (Blanton 1994; Carballo 2011; Netting 1993; Netting et al. 1984; Rathje 1971; Robin 2003; Robin ed. 2012; Wilk and Ashmore 1988).

As a result, houses or dwellings are important loci of interaction between household members. They are also loci of interaction between members and invited visitors as well as other sorts of non-members who may enter the house. The way different household strategies, goals, and decisions come together shapes political and settlement systems (DeLucia and Overholtzer 2014). Increasing sociopolitical complexity is also associated with increasing size and density of settlements. Settlements with larger and more diverse populations present new challenges for residents and leaders alike. Understanding internal organization patterns can provide information about the identities, activities, and strategies of the diverse inhabitants of large settlements.

Houses are not the only loci of interaction. Neighbors likely interact at a higher frequency and possibly for longer periods of time. The nature and intensity of these interactions make the co-residential group particularly important in shaping social interactions at larger scales. For instance, neighborhoods are also defined based on the potential for interaction and its influence on identity (Glass 1948; Smith 2010; Smith and Novic 2012; Suttles 1972). Smith (2010: 139) defines the neighborhood as a residential zone that has considerable face-to-face interaction and is distinctive on the basis of physical and/or social characteristics. As a result, it is important to try to understand the relationships between between people in the co-residential unit to better understand relationships and connections at larger scales.

Residential architecture is an important line of evidence when examining the nature of relationships at the household level. Houses and domestic spaces are the context

for the social interactions between household members. It is where relationships are formed, strengthened, and transformed. Built space is important for social reproduction, because it helps define and delineate social and physical boundaries. Architecture creates discrete but interconnected spaces that influence the way people move through the house, the number of people who can interact in a given room, and the kinds of interactions possible (Fisher 2009; Hall 1966). Architecture, comprising the design and layout of houses, is also important for understanding social change. The way buildings (including houses) are designed is predominately influenced by the ways space is used, so changes to layouts and construction can be indicative of changing social norms and behaviors (Kent 1990).

Architecture is also symbolic which means it can hold information about how a room should be used. This information can in turn influence the interactions that take place in that space. Fixed and semi-fixed features (e.g., walls, built-in furniture, cooking hearths, etc.) may serve as clues or prompts for certain social behaviors. These permanent or semi-permanent design elements remind occupants and visitors of appropriate behavior (Rappaport 1990; Sanders 1990). Within a shared cultural context, symbolic elements can help communicate a room's meaning, function, and expected behavior even to people who are first-time visitors to that space. Specifically, the features of a particular room provide clues as to who is welcome and how they are to act and interact. Architectural elements indicate the degree to which a room or house is viewed as high or low status, public or private, formal or casual (Fisher 2009). As a result, domestic architecture can tell us a great deal about the spatial organization of domestic activities and the sorts of interactions those spaces and activities may have fostered.

Kinship

Households are connected to broader social systems through the relationships within and between inhabitants. (Ensor 2013a:17). The work of Ensor (2013a, 2013b) focuses on interpretations of architecture and settlement systems and how they can illuminate these relationships. Households are traditionally defined as a basic social unit, but Ensor 2013a argues that archaeologists need to understand how households form in order truly understand social organization and transformation. Descent is a key element for the formation and maintenance of social groups above the scale of the individual household, but all relationships are based on a shared socioeconomic goals and activities. As a result, the organization of descent groups and the number of household occupants influences the layout of houses as well as settlement patterns.

Mesoamerican kinship, including the Zapotec, has been described as bilateral (Flannery and Marcus 2005: 10-11; Whalen 1988a). This is a form of descent in which individuals use both matrilateral and patrilateral kin to form a cognatic residential group (Ensor 2013a:47-48). Newly married couples can join any residential group that includes their kin. In the case of bilateral descent, a couple might join the residential group of the highest ranked relative on either side. In this system, there are no descent groups above the residential-household group. Bilateral societies do have networks of individually forged alliances from a pool of relationships based on the recognition of bilateral relations and one's own memorized knowledge.

Members of households may belong to non-kin based social groups such as sodalities. There is evidence for sodalities at some Formative sites in Oaxaca (Flannery and Marcus 2005:11). These social groups may exist at different scales. They can be

village-based where the settlement collectively holds and manages resources. They can also cross-cut different settlements and integrate groups across the region (Ensor 2013a: 128). In bilateral descent groups, each settlement is a collection of small kin groups rather than the property of one particular group. Ensor (2013a:160) argues that bilateral groups tend to have aggregated small dwellings for different conjugal (nuclear) families.

Household rituals are a context for rites where members assert group affiliation. Special rituals, particularly regarding ancestors or the symbolic nature of the house itself (e.g., Beck 2007; Gillespie 2000; Marcus 1998; Nash 1970; Riviére 1995), may occur exclusively within the house and shed light on the worldview of ordinary people living in complex societies, views that may differ from larger-scale rituals involving religious specialists (Brumfiel 1996; Feinman et al. 2008). Specifically, ancestors are the entities from whom a kin group inherits the resources it relies upon for survival. Rituals honoring ancestors are an opportunity to define group membership and express group unity.

Table 3.1 - Demographics of the Oaxaca Valley during all phases of the Formative Period

Phase		**Years**	**Valley Population**	**Number of Sites**	**Percent of Sites with Mounds ****
Tierras Largas	Early Formative	1500-1150 B.C.	463-925	19	42%
San José		1150-850 B.C.	2000	40	49%
Guadalupe	Middle Formative	850-700 B.C.	2000-2500	45	49%
Rosario		700-500 B.C.	3500	70-85	48%
Early Monte Albán I		500-300 B.C.	8955-20,339	261	48%
Late Monte Albán I	Late Formative	300-100 B.C.	50,000	745	31%
Monte Albán II	Terminal Formative	100 B.C.-A.D. 200	41,000		41%

*Data collected from Flannery and Marcus 2005 and Kowalewski et al. 1989

** Dating of the mounds is difficult, particularly for earlier phases, and many may be later additions to the sites

The Formative Period

The Formative period, which begins with the first sedentary villages, is defined by the appearance of the earliest pottery and permanent domestic architecture. It ends with the consolidation of state authority at urban centers. In the Oaxaca Valley, Mexico, this trajectory unfolds over four phases spanning almost two millennia (see Table 3.1). The economic, social, political, and ideological systems that emerge and develop during this period shape the nature of society in the Oaxaca Valley in subsequent periods.

Settlement pattern studies documented the changing locations of populations, the emergence of settlement hierarchies, and rise and fall of polities (see Table 3.1). At the onset of the Formative there are 19 small settlements. By Rosario, there are 70-85 sites that form three population clusters, or three major polities (Flannery and Marcus 2005). In the Early Monte Albán I phase, Monte Albán is established and begins a program of conquest and the valley population expands to 261 settlements. In the Late Formative, the Late Monte Albán I phase, the number of sites grows to 745 with an estimated total population of approximately 50,000. The population decreases in the Terminal Formative to approximately 40,000 when the entire Oaxaca Valley was consolidated under the authority of Monte Albán (Kowalewski et al. 1989).

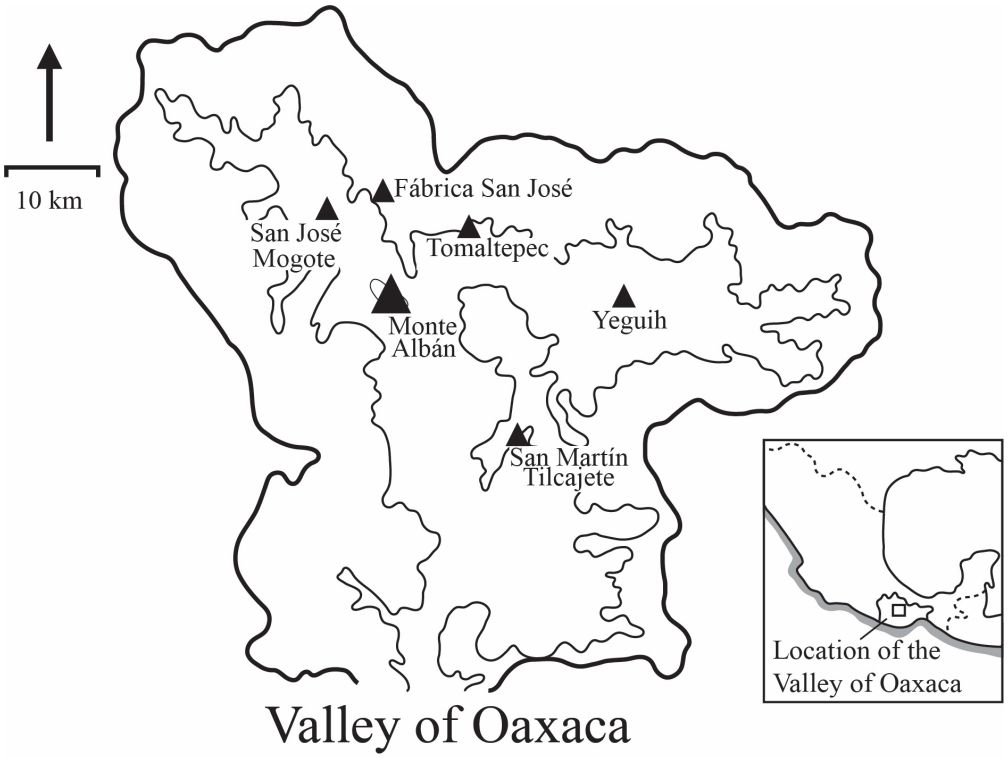
This remarkable change has been documented at individual settlements in their architecture, particularly communal or public architecture. At the outset of the Formative, during the Tierras Largas phase, there is already evidence for supra-household organization in the form of Men's Houses (Flannery and Marcus 2005:6; Flannery and Marcus 2015). The next major shift, the emergence of formal temples, occurs during the

late San José phase. The earliest documented civic-ceremonial core date to the Rosario phase (Flannery and Marcus 2015:383). Palaces appear in the Late Monte Albán I phase accompanied by an elaboration of temple architecture (Redmond and Spencer 2013, 2017). These major shifts in public buildings, in conjunction with settlement patterns, are interpreted as evidence of the emergence of sociopolitical institutions (Sanders 1974; Flannery and Marcus 1976; Redmond and Spencer 2008; Spencer and Redmond 2004a, 2004b). Specifically, the emergence of palaces and multi-room temples along with 4-tiered administrative hierarchy indicates an increase in political centralization in the hands of a ruler, the emergence of a stratified society with an upper stratum of nobles and royalty, and specialization of religious, political, and military officials who take on specific administrative responsibilities in support of that ruler (Feinman and Marcus 1998; Marcus and Feinman 1998).

Household architecture also undergoes significant change and elaboration throughout the Formative period. Small, one-room wattle-and-daub structures eventually develop into highly standardized stone and adobe structures with rooms around a central patio. This residential layout of dwellings around a patio first appears in the Middle Formative (Flannery and Marcus 2005:417) and persists in the subsequent Classic and Postclassic periods of the Oaxaca Valley and throughout Mesoamerica (Winter 1974). Patio-centered residences appear at slightly different times in the subregions of the Oaxaca Valley. This chapter will examine the timing of changes to household and monumental architecture. These changes are connected to the increasing economic requirements of more centralized polities and reflect restructuring of kinship and ideological systems.

Background: The Sites

This chapter examines architecture from four sites: San José Mogote, Santo Domingo Tomaltepec, Fábrica San José, and Tilcajete (see Figure 3.1, Table 3.2, and Table 3.3). These sites represent different kinds of Formative settlements from three subregions in the Oaxaca Valley. It is important to examine sites near the top of the settlement hierarchy as well as subordinate villages for a more comprehensive understanding of the nature and timing of architectural changes in the Formative period. The sites of San José Mogote and San Martín Tilcajete were rival chiefly centers from different arms of the Oaxaca Valley while Fábrica San José and Santo Domingo Tomaltepec were lower-order or subordinate centers (Kowalewski et al. 1989).



Map 1
Formative sites in the Oaxaca Valley. Redrawn from Spencer and Redmond 2004b.

Figure 3.1 - Formative sites in the Oaxaca Valley

Table 3.2 - Occupation duration at each site

<table>
<tr><td>Phase</td><td colspan="4"></td></tr>
<tr><td>Tierras Largas</td><td rowspan="3">San José Mogote</td><td rowspan="6">Santo Domingo Tomaltepec</td><td></td><td></td></tr>
<tr><td>San José</td><td rowspan="2"></td><td rowspan="3">Tilcajete (SMT-11a)</td></tr>
<tr><td>Guadalupe</td><td rowspan="2">Fábrica San José</td></tr>
<tr><td>Rosario</td><td rowspan="2"></td></tr>
<tr><td>Early Monte Albán I</td><td rowspan="2"></td><td rowspan="3"></td></tr>
<tr><td>Late Monte Albán I</td><td>Tilcajete (SMT-11b)</td></tr>
<tr><td>Monte Albán II</td><td>San José Mogote</td><td>SMT-23</td></tr>
</table>

*Data collected from Drennan 1976; Elson 2007; Flannery and Marcus 2005, 2015; Whalen 1981; Redmond and Spencer 2017; Spencer et al. 2008

During the Formative period, San José Mogote was occupied from 1500-500 B.C. and then, after a hiatus, it was reoccupied from 100 B.C. to A.D.200. It was the most significant Formative period settlement in the Oaxaca Valley until the founding of Monte Albán. In the Early Formative it was more than twice the size of all other settlements and dominated the valley as a population center and political leader. In the Middle and Late Formative periods, San José Mogote consistently contained half of the total population in the Oaxaca Valley, reaching a peak in the Rosario phase when 2000 of the 3500 residents of the Oaxaca Valley lived in San José Mogote itself or one of its subordinate villages (Flannery and Marcus 2005:6-14, 2015). It was the first large population center, the first village to assert authority over neighboring villages, and the most powerful chiefly center even after rivals such as Huitzo, Yegüih, and Tilcajete arose (Flannery and Marcus 2005:12). As a pioneer in sociopolitical development, the architecture at San José Mogote is crucial for understanding the nature and timing of the social, political, economic, and ideological changes associated with increasing complexity. More houses from the San José phase (1150-850 BC) have been excavated at San José Mogote than from any other period.

Fábrica San José, occupied from 850-500 B.C., was likely a subordinate or lower-order site in the Etla polity centered at San José Mogote. It was a small community founded by a single household that grew at its height to 11 households. Unlike the other sites in this study, Fábrica San José did not have any public platform or architecture.

There were status differences between residents but they were relatively minor and somewhat fluid over the course of the occupation (Drennan 1976).

Table 3.3 - Demographics and site size

Site	Occupation Phase	Site Size	Site Population	Number of Households
San José Mogote	Tierras Largas	7 ha	170-340	
	San José	70 ha	1000	
	Guadalupe		<1000	
	Rosario	60-65 ha	1000	
Santo Domingo Tomaltepec	Tierras Largas	1 ha	<25	2-5
	San José	1 ha	25-40	5-8
	Guadalupe/Rosario	1 ha	50-100	10-15
	Early Monte Albán I	1 ha	30	6
	Late Monte Albán I	4.5 ha	100	20
	Monte Albán II	1 ha	Population decline and abandonment	
Fábrica San José	Guadaupe/ Rosario		50-80	10-16
Tilcajete	San José	6.5 ha		
	Rosario	25 ha		
	Early Monte Albán I	52.8 ha		
	Late Monte Albán I	71.5 ha		
	Monte Albán II	24.5 ha	790-1630	158-163

*Data Collected from Drennan 1976; Elson 2007; Flannery and Marcus 2005; Spencer et al. 2008; Whalen 1981

Santo Domingo Tomaltepec was occupied between 1400 B.C. and A.D. 200. It was a relatively minor secondary center. The village increased from 1 ha to 4-5 ha, reaching a maximum population of about 100 people during the Late Monte Albán I

phase. The community was founded in the Early Formative but had a brief occupational hiatus at the end of the San José phase. It was reoccupied in the Middle Formative and became more socially and spatially differentiated by its peak in the Late Formative. It had a civic-ceremonial core that began as a single platform with a communal storage pit and grew to a four-platform complex that likely included an elite residence and temples. The site was abandoned at the end of the Terminal Formative period (Whalen 1981, 1988a, 1988b). Early Formative period Santo Domingo Tomaltepec had a cemetery where the burial practices revealed a great deal about community and family organization at the site. In the Middle Formative period, the cemetery was no longer used, and by the Late Formative period, burials were associated with individual houses (Whalen 1981).

The earliest evidence for settlement at San Martín Tilcajete dates to approximately 1150 B.C. Until 100 B.C., an independent polity centered at the sites of El Mogote (SMT-11a), the Early and Middle Formative occupation, and El Palenque (SMT-11b) the Late Formative occupation. The residents of this site competed with San José Mogote and later Monte Albán. SMT-11a began as a 6.5 ha settlement in the Early Formative period and had grown to 52.8 ha when it was partially abandoned following a devastating raid. The site was rebuilt 800 m upslope (SMT-11b) and continued to grow reaching its maximum size of 71.5 ha in the Late Monte Albán I phase (Spencer et al. 2008; Spencer and Redmond 2003). Upon its defeat in 100 B.C., Monte Albán established a secondary center to administer the area, SMT-23. This Terminal Formative period site serves as an example of a secondary center below the capital of the first state, providing information about administrative strategies of the Monte Albán polity as it was consolidating its authority over the Oaxaca Valley (Elson 2007).

Data

Tierras Largas Phase

San José Mogote and Santo Domingo Tomaltepec both have occupations dating to this phase; however, only San José Mogote has yielded a house and other structures dating to this era. At San José Mogote, a portion of one house, two pits, and a midden were uncovered. The house appeared to be a wattle-and-daub structure (Flannery and Marcus 2005:112-131). At this time, San José Mogote also had a series of small, one-room, plastered public buildings interpreted to be Men's Houses. Each residential ward had its own Men's House and each ward may have had its own cemetery (Flannery and Marcus 2005: 6-7). Burials were also associated with houses and public buildings at San José Mogote during this period, indicating that different groups chose to emphasize household affiliation and others emphasized affiliation beyond the household or co-residential group (Winter 1972). One final communal architectural feature, a palisade that encircled part of the village, was excavated; this investment in a palisade indicated a desire to protect the village from raiding and attacks from other villages (Flannery and Marcus 2005:115-117).

San José Phase

During the San José phase, houses from San José Mogote and Santo Domingo Tomaltepec were similar to each other. Both sites had houses constructed from wattle and daub that were surrounded by exterior activity areas. Houses at San José Mogote were slightly larger, had bigger exterior activity areas, and structures were closer together. However, none of the differences were particularly pronounced (see Table 3.4).

On a community-level, both sites had public buildings (Men's Houses) and multiple residential wards. San José Mogote had a Men's House associated with each ward while Santo Domingo Tomaltepec had only one public building for its two wards. However, this Men's House had a communal storage pit (Whalen 1981, 1988a).

Table 3.4 - Houses during the San José Phase

	San José Mogote	Santo Domingo Tomaltepec
House Size	3-4m x 6m	2-4m x 5-6m
Layout	1 structure for ordinary families 1 structure and a lean-to or second structure for elite families	1 structure, oriented east-west with an entrance on south wall, windscreen across the door, and lean-to on north exterior wall
Construction	Wattle and daub w/ posts	Wattle and daub w/ posts
Exterior/Courtyard area	20-30 m^2	37.7 m^2
Distance between houses	20-30 m	40 m
Neighborhoods	"Wards" based on lineage and craft specialization	High and low status zones
Public Buildings	Each ward likely has its own Men's House. Men's Houses replaced by a temples by the Late San José phase	1 men's house with communal storage
Burials	Area C has a cemetery (only eastern half was preserved). Some individual burials are associated with houses and men's houses	Cemetery

*Data collected from Flannery and Marcus 2005; Whalen 1981, 1988a

San José Mogote was a much larger settlement than Santo Domingo Tomaltepec and it was in the process of rapid expansion. Some minor differences in household architecture and distribution such as slightly larger dwellings and less space between

structures could be within a normal range of variation because sample sizes are small or could be caused by the larger, denser population at San José Mogote.

Differences in the number and nature of public architecture are likely related to the different political personnel and activities of the sites. The presence of wards and public architecture suggests that both sites have supra-household networks; however, the Men's House at Santo Domingo Tomaltepec has a communal storage pit while the neighborhood-level Men's Houses at San José Mogote do not have such features. The settlement at Santo Domingo Tomaltepec had an associated cemetery. Cemeteries during this phase at San José Mogote occur in some wards (e.g., Area C); there may be cemeteries in other wards but not enough was exposed to be certain. The evidence of communal storage as well as a cemetery at Santo Domingo Tomaltepec indicates that residents emphasized larger-scale, possibly site-level, affiliation over household-group affiliation. At San José Mogote, the presence of neighborhood Men's Houses and cemeteries indicates that neighborhood or household affiliation was most important.

Guadalupe and Rosario Phases

Not all sites have a definable Guadalupe phase so, for the purpose of this analysis, the Guadalupe and Rosario phases will be considered together. San José Mogote, Santo Domingo Tomaltepec, and Fábrica San José have occupations and intact structures during these phases. There were several major changes in household architecture associated with the Rosario phase. House size, layout, and construction techniques change from the previous period. There also appears to be an increase in architectural variability within and between Formative sites (see Table 3.5).

The first major change is the emergence of a new house layout. Although not identical across sites, the appearance of long narrow structures, sometimes in perpendicular L-shaped pairs, marks a doubling of house size from 10-12 m^2, observed in the San José and Guadalupe phases, to 20-24 m^2 (Drennan 1976:116-117; Whalen 1981:81). Houses increase in size but still lack internal divisions. Another significant change involves construction materials. Formal stone foundations become more common. Some houses are built with wattle and daub but others include or are exclusively built with adobe. Another significant development in house layout is the appearance of enclosed patios. In the case of Santo Domingo Tomaltepec, the structure is L-shaped with a patio surface in the intermediate space. In the case of San José Mogote, the patio appears to be surrounded by rooms on all sides although not all the rooms are preserved. This particular structure is unusual due to its size (200 m^2, almost 10 times the size of other excavated houses), layout, and construction. It is the earliest known example of this floor plan with multiple, internally divided structures around a central patio (Flannery and Marcus 2005:419).

Table 3.5 - Houses during the Guadalupe and Rosario Phases

	San José Mogote	Santo Domingo Tomaltepec	Fábrica San José
House Size	15-20 m^2; 200m^2	7 m x 1.5 m	2.5 x 11m* (at least)
Layout	Multi-room	L-shaped, 1 structure oriented N-S and the other oriented E-W	Long, narrow structures
Construction	Stone and adobe foundations, puddled adobe floors	Stone and adobe foundations and adobe brick walls (not wattle and daub)	Stone foundations, wattle and daub walls, some use of adobe, and sand floors

	San José Mogote	Santo Domingo Tomaltepec	Fábrica San José
Exterior/Courtyard area	Enclosed patio (64 m^2) And exterior activity areas	Enclosed (approximately 50 m^2)	No Data
Distance between houses	30 m	No data	25 m (Based on measurements from site map)
Neighborhoods	Multiple residential wards show increasing status differences.	Status-based	Status-based
Public Buildings	Multiple impressive temples	1 platform, increases in size from San José phase	Not present
Burials	Associated with houses, elite house has a tomb	No cemetery	Small cemeteries or clusters of burials associated with houses

* Data Collected from Drennan 1976; Flannery and Marcus 2005; Whalen 1981

Variation in public buildings is most visible at the site level. Approximately half of all Rosario sites have mounds, comparable to the ratio seen in the Early Formative (Kowalewski et al. 1989: 74). San José Mogote has a number of impressive temples that replace Men's Houses in each residential ward (Flannery and Marcus 2015). At Santo Domingo Tomaltepec, the central platform continued to be used but later activity destroyed the Rosario structure, so no conclusions can be made about the size, shape, or use of the building. However, other known platforms from this time period were 1-2 m tall and 15 m x 3.5 m (an increase from the 24 m^2 Men's Houses from the San José phase (Whalen 1981:52). They were built with earth fill and faced with river cobbles or plastered. The most impressive temple from this phase measured 14.2 x 13.4 m (Structure 28) (Marcus and Flannery 2004:18259). In some cases, public buildings are arranged in

groups of four and may have served as public ceremonial spaces or elite residences (Drennan 1976:140). Fábrica San José does not have any evidence of public architecture.

Burial practices changed from those of the previous San José Phase. The cemetery at Santo Domingo Tomaltepec was no longer in use indicating a shift in the scale of group affiliation away from the scale of the entire community. The only burials found from this time period were placed under the floor of the public building. This public building was the only such structure at the site and its use for burials could indicate a transition from an emphasis on larger group affiliation to a slightly more restricted group but not yet at the level of the household (Whalen 1981).

At San José Mogote, burials continued to be associated with houses but show increasing variability. A tomb was discovered associated with an elite residence (Flannery and Marcus 2005: 425). The household and kin-group in bilateral societies were likely the same unit and thus tombs emphasize the ancestors from whom household members inherited rights, property, and resources. At Fábrica San José, clusters of burials were associated with houses but not located inside of structures. Drennan (1976:132) interprets this pattern as small cemeteries. If this is the case, it may indicate that the inhabitants were recognizing an intermediate supra-household group affiliation below the level of the community and above the scale of the household. At the end of the Rosario Phase both San José Mogote and Fabric San José were abandoned.

Early Monte Albán I Phase

Table 3.6 - Houses during the Early Monte Albán I Phase

	Santo Domingo Tomaltepec	El Mogote (Tilcajete, SMT-11a)
House Size	70 m^2	1240 m^2 (ruler's residence)

	Santo Domingo Tomaltepec	El Mogote (Tilcajete, SMT-11a)
Layout	Indeterminate	Rooms around a patio
Construction	Adobe, stone, wattle and daub	Adobe, stone, wattle and daub
Exterior/Courtyard area	Indeterminate	Possible semi-enclosed patio
Distance between houses	30-70 m	No data
Neighborhoods	Status-based, status decreases as distance from public buildings increase	No data
Public Buildings	1 platform, not modified from previous phase	Single-room temple on the east side of the plaza
Burials	Associated with houses	No data

*Data collected from Redmond and Spencer 2017; Whalen 1981, 1988b

The sample of household architecture is small in this phase and skewed toward high-status residences (see Table 3.6). At Santo Domingo Tomaltepec, the major changes include an increase in house size to 70 m^2 (Whalen 1981: 91). Houses continued to be built with a combination of adobe, wattle and daub, and stone. The spacing between household units remains the same from the previous period. However, there is growing evidence of status differences between houses. Generally, status appears to decline the farther the house is from the public platform (Whalen 1988b:299). While the general nature and intensity of household activities is the same across the site, differences in the investment in architecture, such as the use of adobe bricks to make a floor surface, appears to be a status marker. Six burials date to this period from Santo Domingo Tomaltepec and all are likely associated with houses both elite and commoner (Whalen 1981, 1988b).

When I began my research at the Tilcajete sites, the Early Monte Albán I component, El Mogote, had one excavated household context. Mound A is an elite

residential compound on the north side of the plaza. Intrusive Postclassic activity at the site severely damaged the structure, so its exact layout was difficult to define. However, the excavators estimate it had a maximum area of 1240 m^2 and was comprised of rectangular structures around a patio. It grew gradually over time and was built with stone foundations and adobe walls (Redmond and Spencer 2017:3813). In addition to the ruler's residence along the northern side of the El Mogote plaza, a one-room temple was found along the plaza's eastern edge (Redmond and Spencer 2013).

Late Monte Albán I Phase

Table 3.7 - Houses during the Late Monte Albán I Phase

	Santo Domingo Tomaltepec	El Palenque (Tilcajete, SMT-11b)
House Size	32-36 m^2 (elite residence)	75-150 m^2 (one-patio houses) 350-475 m^2 (two-patio houses) 2790 m^2 (palace)
Layout	Two or more structures connected or in close proximity	Rooms around an enclosed patio
Construction	Stone, plaster, adobe	Stone foundations with adobe and wattle and daub
Exterior/Courtyard area	Total distribution of features and architecture is 300-320 m^2	No data
Distance between houses	No data	No data
Neighborhoods	Three zones with status decreasing as distance from public buildings increases	Large residential zone but basis for neighborhood organization is unknown.
Public Buildings	Four mounds connected by plaster surfaces	Palaces, two-room temple, temple complex with attached priestly residences
Burials	Tomb and subfloor burials	Associated with temple and houses

*Data collected from Drennan 1981, 1988b; Redmond and Spencer 2013, 2017

Santo Domingo Tomaltepec continued to grow, reaching its height during this phase. The ceremonial center grew to four platforms built with cut stone and adobe and

connected by a plastered courtyard. One of these four platforms had evidence of residential debris and it is the only one of the platforms that predates this time period. It served as the public building and Men's House and then temple in earlier time periods (Whalen 1988:293). In this phase, it doubles in size. An elite residence was located near the temple along the north edge of the "plaza". It consisted of two small stone platforms interpreted as two separate but related houses. Each structure is approximately 16-18 m^2 and built with adobe and wattle and daub walls (see Table 3.7). They share a courtyard area as well as another activity zone to the north (Whalen 1981:104).

One of the structures in the elite residence contained a tomb with three individuals, two adults and one adolescent. At least one of the adults was female; biological sex could not be determined for the others. Thirtyfive ceramic vessels and two greenstone beads were included as offerings. Seven burials were associated with activity areas and possibly with lower-status houses but no architecture was uncovered. Two burials were found in the large platform (Whalen 1981:104).

Until this study residential data at Tilcajete come from a palace located on the northern side of the plaza. The palace complex covers over 2790 m^2. It has multiple components including an entry courtyard, a throne hall, and a residence with rooms around a patio. The palace structure included cut stone foundations and adobe and wattle and daub walls (Redmond and Spencer 2017: 3813). Generally, Early and Late Monte Albán I houses have an average diameter of 20 m and thus have an average area of about 300-320 m^2 (Whalen 1981: 109, 1988b: 294; Winter 1972: 111). Although the palace architecture shows a greater level of investment in labor, other residential structures also

have cut stone masonry, a mixture of wattle and daub and adobe, and an enclosed or semi-enclosed layout.

Public architecture at Tilcajete includes a temple complex on the eastern edge of the El Palenque plaza. This area contains evidence for two-room temples with separate priestly residences. The temple complex also had a tunnel, so priests could appear in the plaza as if by magic (Redmond and Spencer 2013). The architectural elaboration of public buildings at the site indicates a significant shift in the nature of institutions and political rule at the site.

No burials were recovered from the palace at Tilcajete, but there were burials in other residential sectors as well as in temple structures. Generally, the burial patterns from this time period show the growing importance of household-residential group affiliation. The increasing use tombs and of more formal burial architecture, including the reopening of graves, in households of varying status and communities of varying importance is further evidence for an emphasis on household-level ancestors as the source of household-scale resources shared by the co-residential group.

Monte Albán II Phase

This is the final phase of occupation at Santo Domingo Tomaltepec and a period of decline. Only one house was uncovered dating to this time period at the site. It was partial, so no size estimation is possible, but it had stone foundations and wattle, daub walls, and a sand floor (see Table 3.8). It had some outdoor activity areas indicating use of a courtyard space. There is no indication of the number of rooms or overall layout. The public architecture at the site is reduced to a single two-room temple with a plaster floor and the mounds first built in the Late Monte Albán I phase were no longer used. Whalen

(1981: 125) argues that the community reverted back to its Middle Formative structure. No burials dating to this period were found perhaps indicative of a weakening connection with the resources of the area.

Table 3.8 - Houses during the Monte Albán II Phase

	Santo Domingo Tomaltepec	Tilcajete (SMT-23)
House Size	Indeterminate	40-150 m^2
Layout	Indeterminate	Rooms around a patio
Construction	Wattle and daub	Stone, adobe, and plaster
Exterior/Courtyard area	Indeterminate	Semi-enclosed or enclosed patio
Distance between houses	No data	No data
Neighborhoods	No data	Status-based. Highest Status:15-20 houses in precinct; Lowest Status: terraces on eastern slope; Middling Status: terraces on northern slope
Public Buildings	Reverts to single platform	Ceremonial precinct; Plaza I with Mounds E-K; Plaza II with Mounds M-O
Burials	No data	Associated with houses

*Data Collected from Elson 2007; Whalen 1981, 1988b

At the Tilcajete sites, the Monte Albán II occupation, SMT-23, was a secondary center imposed by the newly consolidated state at Monte Albán. There are 15-20 residences inside the ceremonial precinct and a total of 143 residences outside the ceremonial precinct (Elson 2007: 40). Houses from both sectors were excavated. The palatial residence of the local administrator was built on a stone and adobe platform and consisted of a 144 m^2 structure with four to six rooms around a central patio. It had no evidence of a tomb. This size and layout of this palatial structure reflects the new function of this area as a secondary center (Elson 2007:51). The palace is 1/20 the size of

the earlier El Palenque palace, the structure inhabited by the leader of an independent polity. It also lacked bounded spaces for administrative activities. Another relatively high-status household at Tilcajete with a similar layout and construction technique was slightly smaller (89 m^2). Both structures lacked mortuary features (Elson 2007: 51-56). A lower status house was 39 m^2, L or C-shaped with rooms around a central patio. At least one room had a stucco floor. It had 4 burials (Elson 2007: 56-60).

Discussion

The comparison of domestic architecture with civic-ceremonial architecture across sites and through time reveals several trends. Permanent domestic structures appeared in the Tierras Largas phase and house size, construction, and layout remained generally the same until the beginning of the Middle Formative. During the Middle Formative periods, there was an increase in the size of residential units, the shape was elongated, construction materials showed a greater investment in architecture, and layouts consisted of groups of two or more connected or adjacent structures. A lack of data from Early Monte Albán I makes the following transition difficult to define, but excavations from El Mogote lend support to the idea that the closed or semi-closed patio layout became common during this phase (see Figure 3.2), although the earliest example, found at San José Mogote dates to the Rosario phase (Flannery and Marcus 2005; González Licón 2003; Winter 1974).

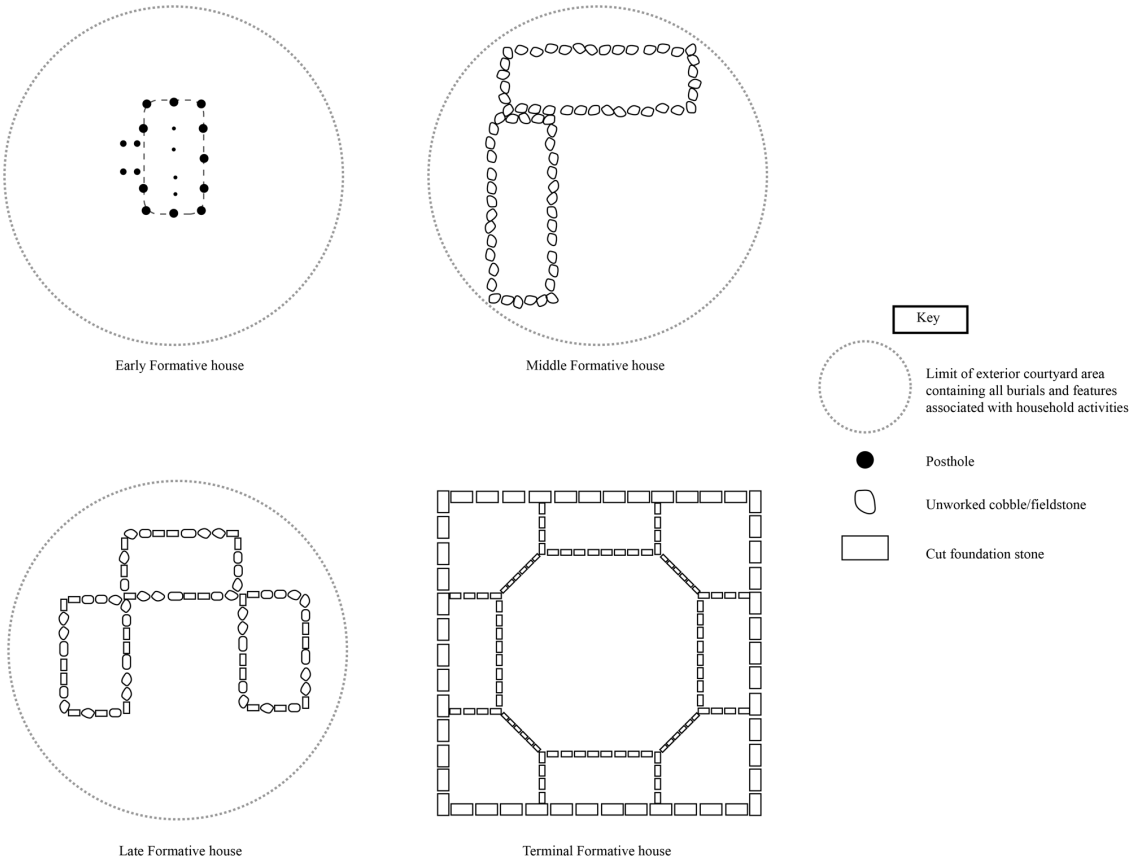


Figure 1
Idealized house forms development through the Formative Period in the Oaxaca Valley.
The drawings are based on data from Drennan 1976; Whalen 1981; Winter 1974

Figure 3.2 - Idealized house forms development through the Formaitve Period in the Oaxaca Valley

Another trend in domestic architecture was an increasing disparity in the size and investment in construction materials used to build houses. Beginning in the Rosario phase at San José Mogote and continuing through the Late Monte Albán I phase at El Palenque (Tilcajete), there was a dramatic increase in the floor space of high-status dwellings and an increasing investment in stone foundations, flagstone courtyards, and adobe bricks. While commoner structures also increased in floor space, they grew at a much lower rate leading to large size disparities between elite and commoner houses.

Public architecture first appeared at the same time as the earliest domestic architecture in the Tierras Largas phase. These structures were small Men's Houses used by a subset of initiated members of a neighborhood or small community. However, these structures underwent change earlier and more frequently than domestic structures. In the San José phase the earliest temples replaced Men's Houses. Temples grew and became increasingly elaborate in the Guadalupe and Rosario phases when clusters of up to four platforms around a small plaza or patio were first built. Another major shift occured in temple architecture with the emergence of the two-room temple in Late Monte Albán I and the development of elaborate temple complexes like those found at El Palenque.

Another important change in public buildings was the development of palaces in the Late Monte Albán I phase, coinciding with the appearance of two-room temples. These buildings served both public and domestic functions and had designated spaces for each (Flannery 1998; Redmond and Spencer 2017). Palaces and palatial complexes reached an unprecedented scale, size, and investment in architecture in comparison with even high status residences. More data from non-palatial residential structures is needed to fully account for the differences between ordinary, elite, and palatial structures.

Patterns in mortuary behavior and architecture differ markedly from domestic and public structures. There appears to be greater variability in mortuary practices within each phase than between phases. During the San José phase, Santo Domingo Tomaltepec had a cemetery while burials from other sites such as San José Mogote and Tierras Largas were associated with domestic houses or Men's Houses (Flannery and Marcus 2005, Winter 1972). In subsequent periods, burials became associated with houses and public buildings with a great deal of variation in burial treatment. A major development

in mortuary practice was the construction of tombs associated with houses that were used and reused over multiple generations. The earliest documented tomb is from the Rosario Phase at San José Mogote. However, tombs became an increasingly common fixture in Zapotec houses through the Postclassic period. Subfloor burials in households and public buildings persisted despite the increase in tombs. This continued variability in behavior indicates that burial practices may be related to increasing sociopolitical complexity but are affected by many other social factors.

Conclusions

The changes in architecture during the Formative are indicative of the increasing importance of the co-residential household group in supporting an increasingly complex sociopolitical system. Economically, households supported the growing state apparatus through their labor and productive capabilities. Further, dramatic population increase throughout the Formative period in Oaxaca may have put additional strain on existing social systems and required adjustments to the relationships and connections between groups at different scales. The state played an important role in social integration as reflected in the construction of large civic ceremonial plazas at the heart of settlements. However, access to these new spaces and the buildings around them may have been regulated by specialized state officials. As a result, households became important contexts for routine social integration and reproduction. These changing roles required significant adjustments to both public and domestic architecture.

Of these major architectural shifts, the first is the replacement of Men's Houses with temples. In the Rosario phase, houses began to grow larger and more modular, with multiple associated structures enclosing or partially enclosing a courtyard/patio. In

bilateral kinship systems, the co-residential household unit is generally equivalent with the kin unit. Early Formative period Men's Houses likely integrated initiated men who lived in dispersed, nuclear-family dwellings. During this same period, cemeteries were another context for expressing larger-scale kin group identity like ward affiliation or perhaps lineage. The replacement of Men's Houses with temples reflects the increasing centralization of ceremonial activity.

Larger extended-family dwellings first emerged in the Rosario phase, a period marked by growing political hierarchy and centralization. Extended family dwellings have been interpreted as important economic units capable of providing the labor and resources to support developing polities (Flannery 2002). In addition to economic factors, the increase in house size may indicate that the house itself had more occupants and supported a greater range of activities. The disappearance of other integrative neighborhood public buildings may indicate that the house itself was becoming the context for group integration and the expression of kin-group identity. New public buildings and large plazas served to bring people together at larger scales, but these new spaces may have been restricted or regulated by state personnel than previous communal spaces. People may have turned to houses to conduct certain ceremonies.

The emergence of patio-centered houses in the Middle Formative is indicative of the more communal, integrative role of households. In these houses, all rooms opened onto the central patio, so people generally had to move through the patio to get from one room to the next. Patios were themselves important places for activities such as food preparation and ritual. While these central spaces were accessible to anyone in the house, fully enclosed patios were only accessible to those with permission to enter the house.

The largest increase in house size occurs in the Rosario phase and coincides with earliest appearance of a patio-centered house. The timing of this change indicates that the purpose of larger dwellings may have been both functional, to house larger groups, and social, to foster a more communal and integrated household.

When tombs became common features of houses, they were often placed in patios. Ancestor veneration focused on individuals from whom a particular kin-group inherited resources (Ensor 2013a). In Oaxaca, these important ancestors are generally founder martial pairs and important couples (Flannery and Marcus 2012). The construction of tombs as a permanent but restricted burial facility reflects the importance not only of ancestors but increased social status of co-residential, household-group ancestors. The increasing inclusion of tombs in typical household architecture through time indicated the growing importance of high-status household ancestors and the household as a kin-group. The creation of a sub-patio floor tomb to honor a marital pair or founding couples is one of the keys to understanding the nature of familial ties amongst coresidential members of patio-centered houses.

Available data from residential contexts demonstrate that Formative period was a time of significant changes to domestic architecture and presumably household composition and daily life. However, we lack complete floor plans, domestic assemblages, and associated features from houses dating to the Middle and Late Formative phases. Data from the Early and Terminal Formative phases suggest that house sizes increase, floor plans become partially to fully enclosed, and investment in architecture increase. My excavations of Middle and Late Formative houses at the

Tilcjaete sites evaluate the nature, timing, and tempo of these changes to investigate the connections between these changes and larger macroevolutionary changes.

Chapter 4 - El Mogote Residential Structures

This chapter provides detailed descriptions of the Middle Formative (Rosario and Early Monte Albán I) data collected from household excavations at Tilcajete. I discuss the construction materials, floor plan, and features associated with each excavated structure. Excavations at El Mogote began in January 2014 and continued for 25 weeks. Work focused on two sectors of the site. (1) Area M is located approximately 50m from the plaza on a small mound and (2) Area N is located about 70m north of Mound A on the northern side of the plaza. This area does not contain any mounded architecture. Structure 36 was located through a program of test pits. A third area south of the plaza, Area L, was explored with a program of test pits but found to be deflated due to mechanized ploughing.

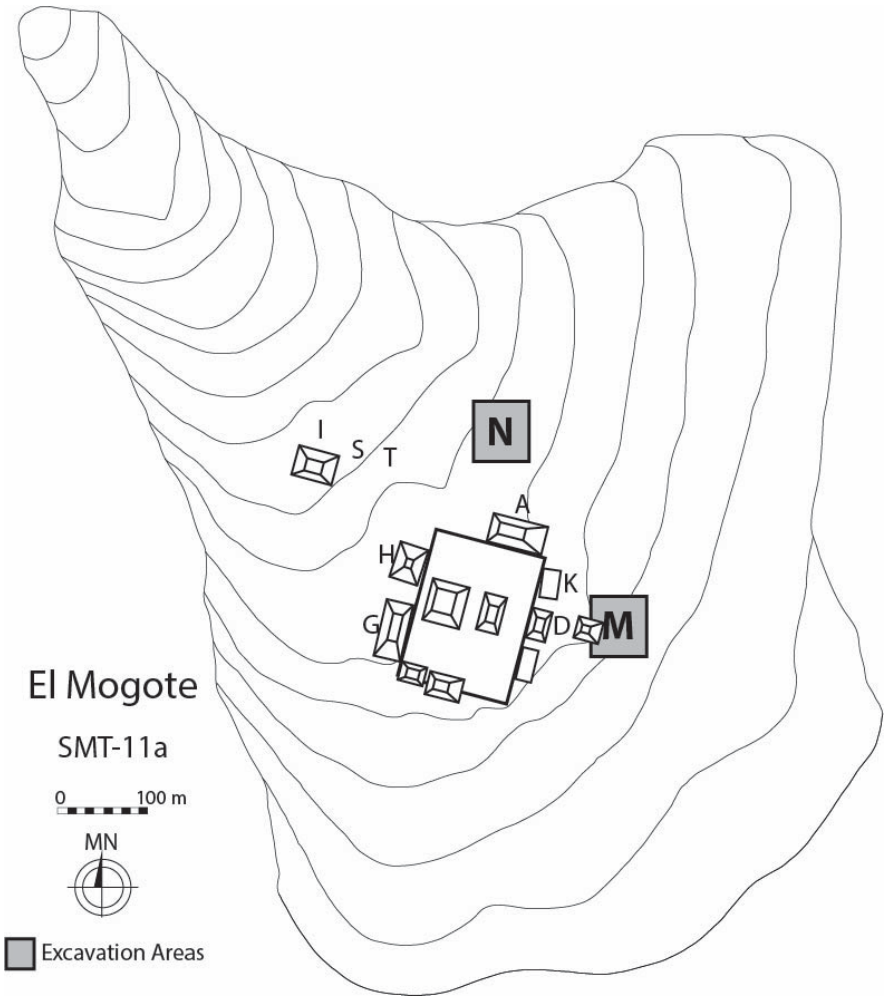


Figure 4.1 - El Mogote Site map

Research Questions

Excavations at El Mogote addressed research questions about how households were organized in the period before state formation in the Rosario and Early Monte Albán I phases. These questions concern the development of the relationship between households and the institutions of the Tilcajete polity where a secondary state emerged in response to hostilities with the pristine state centered at Monte Albán (Redmond and Spencer 2006; Spencer 2010, Spencer and Redmond 2003). During the Middle Formative period (the Rosario and Early Monte Albán I phases), Tilcajete was organized as a

chiefdom and likely in competition with other chiefly centers in the northern and eastern subvalleys (Flannery and Marcus 1983; Marcus and Flannery 1996; Spencer 2010; Spencer and Redmond 2003, 2004). The main focus of research at the El Mogote component of the Tilcajete sites is the role households may have played in this social evolutionary transformation. I ask, **How were households organized in the Rosario and Early Monte Albán I phases? Did their organization create favorable conditions for the emergence of increased sociopolitical complexity?**

The organization of households is measured through a range of variables associated with architecture and artifacts. House size, construction techniques, and layout reflect the number of occupants, the labor required to build and maintain the house, and provide context for understanding the spatial distribution of household activities (D'Altroy and Hastorf 2001). Household assemblages provide information about the availability of resources and the nature of resource-processing. Relevant artifact classes include plant and animal comestibles, tools and methods of food production and cooking, ceramics (both clay types and vessel forms), ritual implements, and exotic materials such as shell and obsidian.

Whether or not the organization of households enabled state formation is dependent on the timing of changes at the microscale in relation to changes at the macroscale. At Tilcajete, changes to floor plans of the public buildings surrounding the civic-ceremonial plaza were dated to the end of the Early Monte Albán I phase and the beginning of the Late Monte Albán I phase (Redmond and Spencer 2006, 2008, 2013, 2017; Spencer et al. 2008; Spencer and Redmond 2003, 2005). If changes to household organization predate this shift, we would expect to see significant changes in house

construction and domestic activities sometime during the Rosario or Early Monte Albán I phase.

Trends in Middle Formative Household Architecture

As was discussed in Chapter 3, available data on household architecture in the Middle Formative suggest that the majority of dwellings had an area of approximately 10-30 m^2. They were built of a combination of stone foundations with adobe bricks and wattle and daub walls. Floor surfaces were made from puddled adobe or sand. Commoner houses were comprised of one or more long, narrow structures that lacked internal divisions. Structures were sometimes arranged in an L shape creating a house yard or patio space (Drennan 1976; Flannery and Marcus 2005; Whalen 1981).

A significant development in household architecture during the Rosario phase was the appearance of the earliest enclosed-patio house at San José Mogote. Unlike other houses from this period, this structure had an area of 200 m^2, about ten times the size of the average household. This house also had internal divisions creating more permanent separate spaces or rooms. In addition, this structure had a tomb, the first known example of this kind of funerary architecture in the region (Flannery and Marcus 2005).

There are few available data for houses dating to the Early Monte Albán I phase. The most complete house dating to this phase is from Santo Domingo Tomaltepec. That house has a surface area of 70 m^2, a significant increase from the average of 10-30 m^2 in the previous phase (Flannery and Marcus 2005; Whalen 1981). However, due to preservation issues, the house layout could not be determined. The only other available household data from this phase come from an excavated residence from El Mogote. Before this project, it was the only residential structure excavated from this occupation of

the Tilcajete sites. It was an elite residence located on Mound A on the north side of the civic-ceremonial plaza and interpreted as the chiefly residence. It covered an area of 1240 m^2, a significant size increase from the 200 m^2 elite residence from the previous phase at San José Mogote (Redmond and Spencer 2017). Like the elite residence from the Rosario phase, the El Mogote chiefly dwelling had rooms around a central patio but lacked certain features such as a tomb. Generally, in the Oaxaca Valley, across different status groups, residential structures appear to have been increasing in size and elaboration. The central patio was becoming an increasingly important domestic feature.

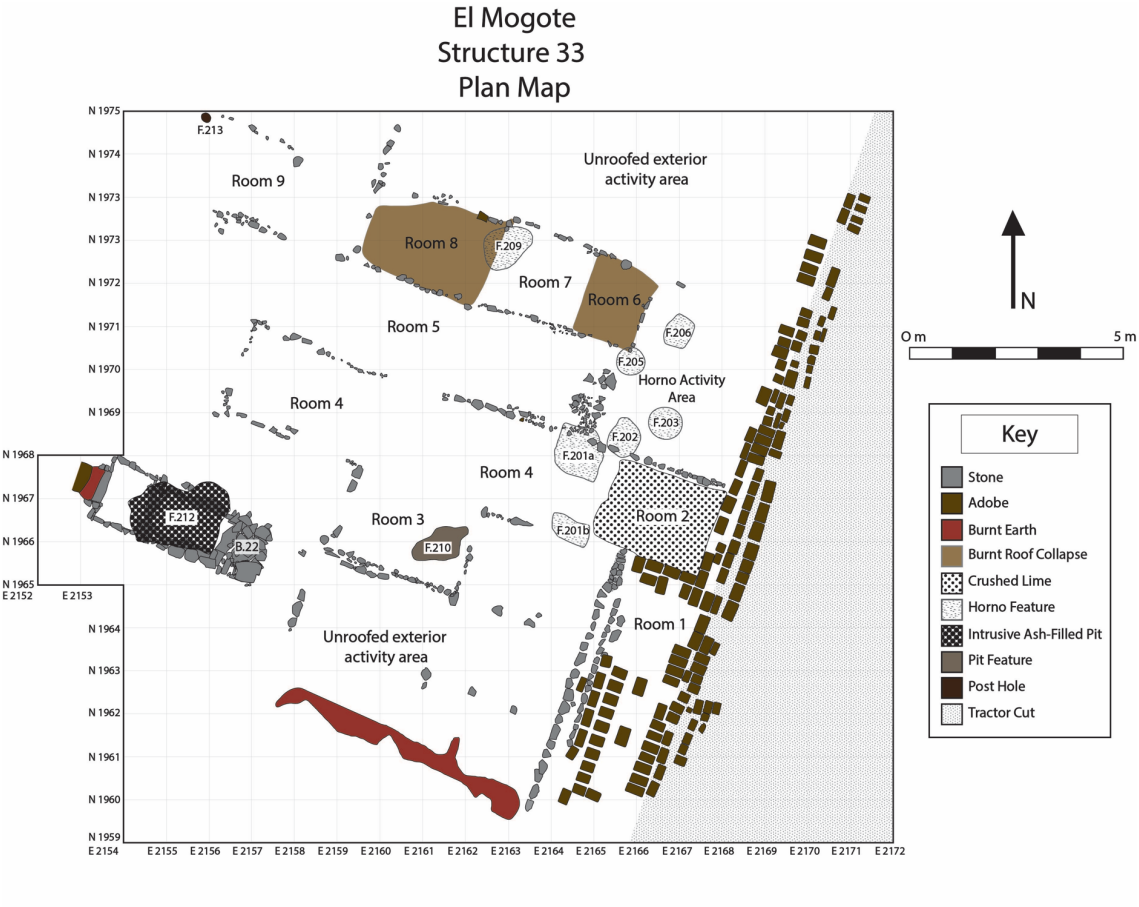


Figure 4.2 - Structure 33 Plan Map

Residential Unit Descriptions

Area M, Structure 33

Architecture and Layout

Structure 33 was an elaborate dwelling located 50 m east of the El Mogote Plaza. This structure was built directly on top of the destroyed Structure 34 platform and had a nearly identical layout. It was oriented N18ºE (all orientations will be with reference to magnetic north, unless otherwise specified) and composed of three long rectangular rooms (each about 2m wide (N-S) and 7-10 m long (E-W), a square room (possibly a patio), a raised more formally built room, a stone burial facility (Structure 35), and exterior activity areas. The house was built using small stone cobbles, cut stone blocks, adobe bricks, and wattle and daub. The floors were generally packed earth, but some areas of the house (specifically the "upper structure") have crushed lime surfaces and adobe brick pavements.

The foundations of the three rectangular rooms were made of small cobbles and likely supported wattle and daub walls. These long, narrow rooms were subdivided by wattle-and-daub walls and were likely composed of both roofed and unroofed spaces. For example, the floors of Rooms 6 and 8 had darker staining likely caused by the collapse of burnt roofing materials. The space between these rooms, Room 7, had a light surface and included Feature 209, an *horno* (oven). The lighter surface of this middle room was likely caused by a lack of roofing and the *horno* is additional evidence that this space was open, possibly to allow smoke to escape from this cooking feature.

The "upper structure" (composed of two rooms raised 40-50 cm above the rest of the house) had a more formal construction than the rest of the house. The western and

northern walls of the "upper structure" had two courses. The western wall was composed of cut stone masonry blocks and includes a single step up. Room 1 (the southernmost room in the upper structure) had an adobe pavement and Room 2 (the northernmost room in the upper structure) had a crushed lime floor. The eastern edge of the upper structure was damaged by a tractor. The tractor cut revealed the adobe bricks used as fill to elevate this area and level off the natural slope.

The house grew by accretion over time, with small alterations and repairs made to existing rooms and new rooms added on or extended. This was evident in the northernmost rectangular room (made up of Rooms 6-9) where Room 9 was a late extension of the existing room. Rooms 3 and 4 both had smaller earlier walls reinforced and/or repaired with the late addition of larger stones.

Table 4.1 - Structure 33 Individual Room Descriptions

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
1	6.0m x 2.0m	Room 1 is located in the "upper structure," a set of 2 rooms elevated 40-50 cm above the rest of the house. It has a stone wall (2 courses) and 1 step on the west. The eastern side of the room is The floor of room 1 is an adobe pavement.
2	2.2m x 2.6m	Room 2 is also in the "upper structure" to the north of Room 1. This room had a crushed lime floor. The north wall of Room 1 is made from 2 courses of small cobbles. The eastern and southern walls are adobe and the western wall was destroyed by the later construction of a stone wall. Just north of Room 1 are a series of 7 horno features, some of which are intrusive into the northern wall of the room (F.201a - F. 206). It is possible that these hornos were created and used late in the life of the house or after it was abandoned.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
3	2.0m x 3.3m	Room 3 is a square room located in the center of Str. 33. It is a possible patio or central unroofed room. The floor is a light gray packed earth surface. It has small stone foundations on its south, east, and west sides and appears to have been open to room 4. Some areas of the foundations have been reinforced with larger stones later in the use-life of the house. F.210 was an ash and burnt dirt-filled pit in the center of Room 3.
4	2.2m x 9.0m	Room 4 is one of three long rectangular rooms. It has small stone foundations (to support wattle and daub walls). It was possibly subdivided into smaller rooms by more ephemeral internal walls (like Rooms 6-9), but we did not find any soil staining or post holes. The floor was gray packed earth.
5	2.4m x 8.2m	Room 5 is the second of three long rectangular rooms located north of Room 4. It has small stone foundations on the east, north, and south sides of the room that likely supported wattle and daub walls. The floor was a light tan packed earth surface with blue inclusions. The light color of the floor indicates this space was probably unroofed. F.207 and F.208 were two ash and rubble concentrations located in Room 5. These features along with evidence of burnt soil in the eastern wall indicate this room may have been burnt during or after abandonment.
6	2.0m x 1.4m	Room 6 is the easternmost internal room in the northernmost long rectangular room (with Rooms 7-9). The outer foundations of this room are small stone cobbles that likely supported wattle and daub walls. The western wall was either wattle and daub or absent. The floor is packed earth and it is stained dark brown/black, likely from a burnt collapsed roof.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
7	2.0m x 2.2m	Room 7 is located between Room 6 and Room 8 in the northernmost long rectangular room. As mentioned earlier, this long rectangular room as small stone foundations that likely supported wattle and daub walls. Rooms 6 and 8, located to east and west respectively, both have dark staining from collapsed burnt roof material, but Room 7 has a tan/gray packed earth (similar to Room 5) indicating it was likely unroofed. F.209, an horno, is located in this room and provides further evidence that this space was likely unroofed.
8	2.0m x 3.0m	Room 8 is west of Rooms 6 and 7 in the northernmost long rectangular room. The small stone foundations for the long rectangular room are somewhat fragmentary in this western end. The floor is packed earth and stained brown/black by burned, collapsed roof material (identical to Room 6).
9	2.0m x 3.9m	Room 9 is a late extension of the long rectangular room comprised of Rooms 6-9. The walls are higher in elevation and the floor is not well preserved but was likely gray paced earth. It had a possible post hole at the western end of the northern wall (F. 219).

Associated Features (F. 201a-212, F. 219, and Structure 35)

There were several features associated with Structure 33. Most of these features were associated with cooking or heating. Features 201a-206 ere a series of *hornos* located in an outdoor activity area just north of the upper structure. Some of these features were intrusive into the northern wall of the upper structure, indicating they may have been created and used late in the use-life of the house or after its abandonment. F. 209 was also an *horno*, located in Room 7, an unroofed space in one of the long rectangular rooms. F.

207 and 208 (located in Room 5) were ash and cobble concentrations, possibly part of an abandonment or destruction episode. F. 210 was an ash and burnt-dirt filled pit located in Room 3 (also called the patio). F. 211 was a dark stain that turned out to be a tree disturbance located near the horno concentration (F.201a-F. 206). F. 219 was a possible post hole located in the Room 9 north wall.

Associated with Structure 33 was a burial facility, Structure 35 (labeled in Figure 4.2 as B.22/F.212). Structure 35 was oriented east-west and located to the west of Structure 33, Room 3. Structure 35 was heavily looted and damaged during the Postclassic period. F.212 was a black ash and rock-filled looters-pit intrusive into Structure 35. This looting episode destroyed most of the roof and northern wall of Structure 35. All but some small bone fragments were removed during the Postclassic looting. Structure 35 and its contents, including Burial 22, will be discussed in more detail in Chapter 6 along with all other Middle and Late Formative burials.

Table 4.2 - Structure 33 Associated Feature Descriptions

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
201a	N1967 E2164	1.1 m x 1.1 m	F. 201a is a large horno (very close to and possibly part of the same feature with F. 201b) located north of the upper structure in the horno activity area (F. 201a - F.206). F. 201a is an black and gray ash and cobble-filled pit 31-46 cm thick dug into sterile clay and intrudes into the northern wall of Room 4.
201b	N1966 E2164	1.0 m x 1.0 m	F. 201b is an horno (30-40 cm southwest of F. 201a, so they are possibly part of the same feature). It is an orange-ringed pit dug into compact reddish soil filled with dark gray ash, burnt dirt, daub and cobbles. 53-58 cm thick. It is just south of the northern wall of Room 4 and west of Room 2.

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
202	N1968 E2165	0.8 m x 0.8 m	F. 202 is part of the horno activity area and is located 10 cm east of F. 201a. It is a pit, 34-42 cm thick, filled with black and gray ash and cobbles (very similar to F. 201a). Like F.201a, F. 202 is intrusive into the Room 4 north wall.
203	N1968 E2166	0.7 m x 0.8 m	F. 203 is part of the horno activity area located north of the upper structure (F.201a - F. 206). F.203 is located about 30 cm east of F. 202. This circular pit deposit is filled with 37-38 cm of pink ash and is possibly a thermal feature. It is dug into sterile clay.
204	N1969 E2166	1.2 m x 1.0 m	F. 204 is a cobble concentration located between F. 202, F. 203, and F. 205 in the horno activity area north of the upper structure.
205	N1970 E2165	0.6 m x 0.6 m	F. 205 is the smallest horno in the horno activity area. It is located directly north (and touching) F. 204 is dug into sterile clay and filled with 29-30 cm of mixed ash (pink, black, and gray), gravel, and cobbles.
206	N1971 E2166	.75 m x .65 m	F. 206 is the northernmost feature in the horno activity area north of the upper structure. It is a shallow (19-23 cm) pit filled with loose black ash and dug into a compact reddish deposit.
207	N1969 E2160	2.5m x 0.8 m	F. 207 is an east-west oriented concentration of cobbles along the northern edge of the Room 4 north wall. There is some evidence of burning (burnt rocks and flecks of carbon). It may be part of a collapsed wall as a result of an abandonment or destruction episode.
208	N1969 E2160	0.8 m x 0.8 m	F. 208 is located directly below F. 207 (on top of and intrusive into the Room 4 north wall. It is a concentration of rubble and ash. It is shallow (10 cm), and has less ash than an horno. It is likely part of a collapsed wall from a destruction or abandonment episode.
209	N1972 E2162	1.0 m x 1.0 m	F. 209 is an horno located in Room 7 (a small part of about 20 cm extends into Room 8). It is a round pit filled with 18 cm of dark brown dirt, black ash, and cobbles. It is similar in composition to F. 202. It contained bone, ceramics, and chipped stone. It is dung into a scorched red and black deposit.

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
210	N1965 E2161	0.7 m x 1.1m	F. 210 is a pit filled with gray ash and loose reddish brown dirt cut into the center of Room 3 (also called the patio). It sits right on top of the burn layer that separates Str. 33 from Str. 34. It contained ceramics, daub, chipped stone, and shell. It may have been a small trash or storage pit.
211	N1970 E2164	0.7 m x 0.8 m	F. 211 is located near the horno activity area, but it is a dark brown stain caused by tree roots.
212	N1966 E2154	1.7 m x 1.3 m	F. 212 is a large pit filled with black ash and dark brown soil. This pit is intrusive into Structure 35 (the burial facility associated with Structure 33). It contained large rocks that were likely from the walls and roof of the burial facility. It contained a high density of Period V grayware, so it appears to be a looters pit dating to the Postclassic period. The looting episode substantially damaged the Structure 35 architecture and resulted in the removal of its contents.
219	N1975 E2155	.19 m x .20 m	F. 219 is a small circular pit filled with white powder (11 cm thick). It is located at the western end of the Room 9 wall, so it may be a posthole.

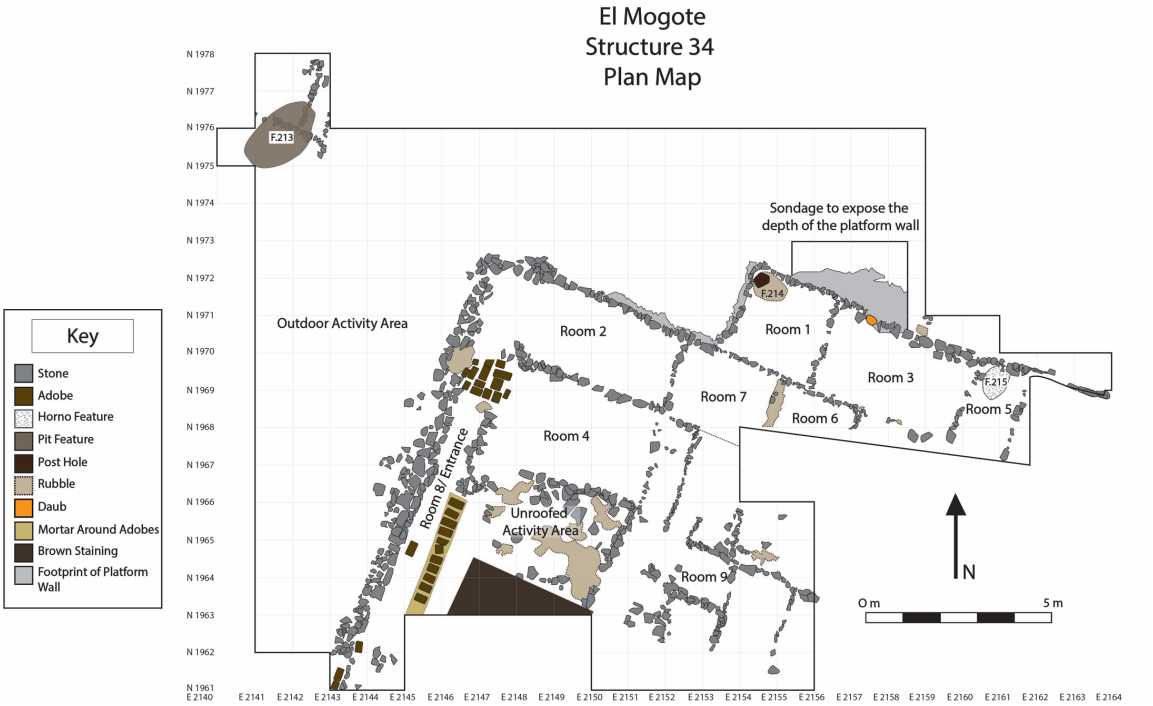


Figure 4.3 - Structure 34 map

Summary Description Area M, Structure 34

Architecture and Layout

Structure 34 was a stone platform located 50 m east of the El Mogote plaza. It was directly underneath Structure 33. This platform was oriented N18ºE and supported an elaborate domestic structure built using stone, adobe, and wattle and daub. Structure 34 had two to three long narrow rooms (2.2 m - 2.9 m wide and at least 8.5 m - 11 m long), a square room located in the center of the dwelling that appeared to have been unroofed, a long, very narrow entrance (9.8 m x 1.1 m), and a series of small cell-like rooms (1.6 m x 1.6 m) on the southern edge of the structure. Their purpose is unknown but they may have been used for storage or as structural support for the platform.

In all rooms, the stone platform foundations supported wattle-and-daub walls, and all of the floors in Structure 34 were yellow/tan packed earth. The long rectangular rooms

were divided into smaller rooms by internal stone walls. In some areas of Structure 34, adobe was used in walls or for leveling.

The platform appears to take advantage of the natural topography and is an attempt to extend a natural rise. As a result, the platform juts out to the east from the natural rise like a peninsula. The walls are taller on the eastern end of the platform than on the west. The foundations of the platform were built using a mixture of cut and rough stones held together with mortar. The area of the platform base is larger than than the area of the top, so the sides are sloping.

Structure 34 extended directly under Structure 33, so it was not possible to fully expose it. Structure 33 and 34 were separated by a 5 cm layer of a burned red deposit. The fill around Structure 34 contained vitrified and burnt daub indicating that Structure 34 was destroyed in some sort of burning episode. Further, Structure 34 was damaged during a purposeful destruction episode during the Middle Formative period as well as during the construction of Structures 33 and 35. Like Structure 33, Structure 34 grew by accretion over time. This was evident in the western wall of the structure. It was rebuilt a meter further west and the room walls were extended to connect with the new outer wall. These room extension walls had fewer courses than the original walls. The entrance also appears to have been extended and reinforced. It was first built using adobe and later reinforced with stone.

Table 4.3 - Structure 34 Individual Room Descriptions

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
1	2.6 m x 2.6 m	Room 1 is an internal division (along with Room 5 and Room 3) within the northernmost long rectangular room. This room has a stone foundation of many courses of rough stone and mortar that supported wattle and daub walls. The floor is yellow/tan packed earth. The northwest corner of this room has a filled in posthole (F.214).
2	2.3 m x 6.0 m	Room 2 is an internal division in a long rectangular room (along with Room 6 and Room 7). It has a stone foundation with multiple courses that supported wattle and daub walls. Alate and high interior (north-south) wall divided this room into 2 parts (2.3 m x 2.3 m and 2.3 m x 3.7 m). When the western wall of Structure 34 was rebuilt, the Room 2 north wall was extended to meet it. The floor is a yellow/tan packed earth surface.
3	2.6 m x 4.3 m	Room 3 is the middle room within the northernmost rectangular room (east of Room 1 and west of Room 5). The sondage to expose the full depth of the Structure 34 platform was on the northern exterior of Room 3. It showed that the foundations of this room are approximately 3.3 m and constructed with uncut stones piled on a talus slope. The walls of this room were likely wattle and daub (a large chunk of daub was found embedded in the Room 3 wall). The floor is yellow/tan packed earth.
4	2.9 m x 4.8 m	Room 4 is west of Structure 35 and may have been part of a long rectangular room that was destroyed during the construction of the Structure 35 burial facility. Room 4 may have been unroofed space (analogous to Structure 33, Room 3) because it had a high density of lithic debitage (often an outdoor activity) and it had a light gray/white packed earth floor. Room 4 is likely the southernmost room in Str. 34. The southern foundation is a stone wall with multiple courses.
5	2.8 m x 1.6 m	Room 5 is a small, narrow room on the western end of the rectangular structure with Rooms 1 and 3. It has stone foundations that likely supported wattle and daub walls. Room 5 has an horno in the northwest corner (F.215), so it may have been unroofed. It has a yellow/tan packed earth floor similar to most of the rooms in Structure 34.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
6	*2.3 m x 2.2 m	Room 6 is the easternmost room in a long rectangular room with Rooms 2 and 7. Room 6 was not fully exposed because of a balk left to protect Structure 35. It is likely that the southern wall of the room was damaged/destroyed during the construction of Structure 35. This room has a yellow/tan packed earth surface.
7	2.2 m x 2.8 m	Room 7 is the middle internal division in a long rectangular room with Rooms 2 and 6. The southeast corner of Room 7 was not exposed because of a balk left for Structure 35. The southeast corner of the room was likely damaged/destroyed during the construction of Structure 35. The interior walls that from Rooms 6 and 7 are smaller and made of piled cobbles and rubble but still have multiple courses. The floor is a yellow/tan packed earth surface.
8	9.8 m x 1.1 m	Room 8 is a long narrow entrance for Structure 34 and a possible indicator of restricted access to this residence. The east and west walls are stone (the eastern wall was originally adobe), and they direct traffic into Room 2 and/or Room 4. It is possible that this entrance was created when the Structure 34 western wall was moved further west. These entrance walls are only 2-3 courses, indicating the platform foundations are not 3.3 m all around. Instead, the platform is a peninsula that extends a natural rise out to the east.
9	1.6 m x 1.6 m 2.6 m x 1.6 m	Room 9 is a series of 3-4 small cell-like “rooms” composed of small, multi-course stone foundations. These structures may be storage rooms or internal support for the platform to prevent collapse.

*measurement is an estimate because the remaining walls were fragmentary

Associated Features (F. 213-215)

There were three features with Structure 34. Feature 213 was a trash deposit located northwest of Structure 34. It contained rubble, large sherds, bone, and carbon. Below the trash deposit was a wall fragment, possibly associated with an earlier structure that predates Structure 34. Feature 214 was a filled-in posthole located in the northwest

corner of Room 1. Feature 215 was an *horno* feature located in the northwest corner of Room 5. This *horno* contained layers of ash, cobbles, and animal bone and was interpreted as a cooking feature.

Table 4.4 - Structure 34 Associated Feature Descriptions

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
213	N1975 E2140	1.5 m x 1.8 m	F. 213 is a trash deposit northwest of Structure 34. The pit was filled with rubble, very large sherds, loose dark soil, animal bone, and carbon. The deposit appears to be primary because the ceramic sherds were very large and the some of the animal bone was partially articulated. Below the trash deposit was a wall fragment, possibly a remnant of an earlier structure filled in to level off for the construction of Structure 34.
214	N1971 E2154	0.5 m x 0.6m	F. 214 is a filled in posthole in the northwest corner of Room 1. It appears that the post was removed and the hole filled in with soil and sand and covered over with small cobbles and sherds.
215	N1969 E2160	1.0 m x 0.7 m	F. 215 is an horno located in the northwest corner of Structure 34, Room 5. Like the Structure 33 hornos, F. 215 was covered over with small cobbles and filled in with dark gray and pink ash. F. 215 had 4 internal levels (1. small cobbles and ash 2. medium rocks surrounded by loose red/brown soil 3. a layer of red burnt dirt 4. fine white ash and bone). Room 5 also had a great deal of lithic debitage, so this room may have been unroofed.

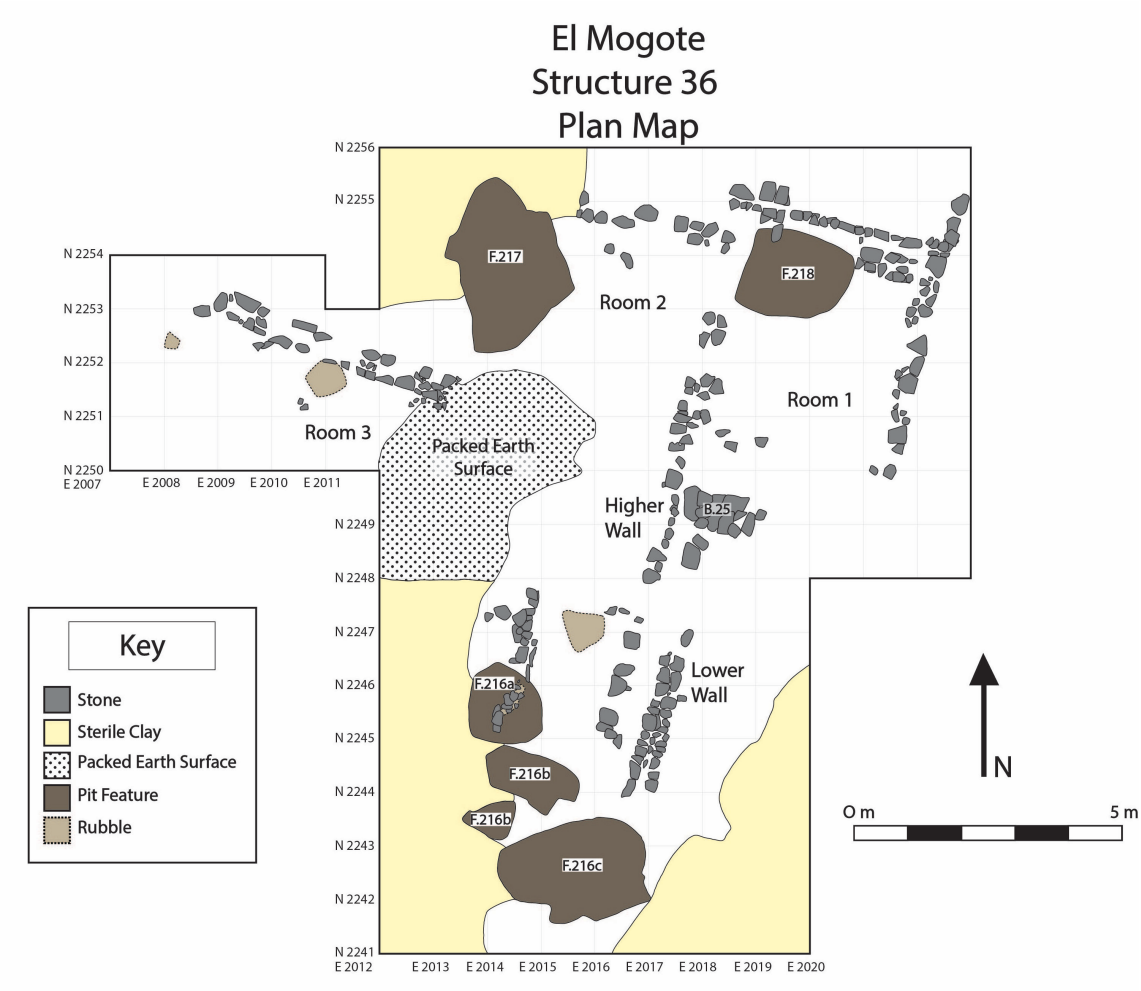


Figure 4.4 - Structure 36 map

Summary Description Area N, Structure 36

Architecture and Layout

Structure 36 was a dwelling located approximately 70 m north of Mound A, the northern mound on the El Mogote plaza. Structure 36 was oriented N18ºE. However, it is difficult to discuss the layout of Structure 36, given its state of preservation. This sector of the site has been under cultivation for decades and has been plowed extensively with a

tractor. There was substantial damage to the architecture and poor preservation of floors and surfaces.

Structure 36 had stone foundations of 1-2 courses. These foundations likely supported wattle and daub walls, but there was no evidence of adobe bricks; however, the foundation walls were wide enough to have supported adobe bricks. No evidence was found of internal divisions, but this could be the result of poor preservation. The structure appears to have had two long rectangular rooms and a very fragmentary third room. The rectangular rooms appear to have had a longer north-south measurement (unlike Area M where the long rectangular rooms run east-west). The preservation of floors and surfaces was generally poor; however, one fragmentary yellow packed earth surface was uncovered in Room 3 and exterior areas had compact red soil surfaces.

Structure 36 (like the Area M residences) was modified over time. The wall separating Room 1 and Room 2 was moved further west. When that wall was moved, a burial (B. 25) was placed where the earlier wall had been.

Area N, Structure 36 was likely of lower status than the residences in Area M (Structure 33 and Structure 34). Area N was located away from the plaza in an area lacking any mounded architecture, indicative of its relatively lower status. However, Structure 36 was relatively large and had multiple course stone foundations, so it may have been more of an intermediate-status residence.

Table 4.5 - Structure 36 Individual Room Descriptions

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
1	10.4 m x 3.8 m	Room 1 is the eastern long rectangular room. It has two course stone foundations on its north, east, and west sides. They are wide enough to have supported adobe bricks but daub is the only architectural material recovered. The floor was not preserved. All that remained was a burnt earth subfloor. The north wall of Room 1 has a trash deposit (F. 218). The west wall of Room 1 was moved late in the use life of the house and Burial 25 was deposited where the earlier wall once was.
2	10.2 m x *2.5 m	Room 2 is the western long rectangular room. It is very fragmentary, and not much of the north-south wall remains (the east-west measurement is an estimate). A trash deposit (F. 217) borders the western edge of the room. A possible packed earth surface (yellow/tan) extends into Room 2 (as well as Room 3).
3	?? m x 5.0 m	Room 3 is just an east-west wall fragment and associated fragmentary packed yellow/tan earth surface. The east-west wall fragment is just one course. It is wide enough to have supported adobe bricks but only daub was recovered.

*measurement is an estimate because the remaining walls were fragmentary

Associated Features (F. 216a-218)

There were a number of trash deposits or midden features associated with Structure 36. F. 216 was a very large trash deposit, covering an area of 5 m x 6 m. F. 216 had three segments (and was collected in three segments F. 216a, b, and c) but was likely one deposit. Each segment appears to have been an attempt to fill in or level off natural depressions in the sterile clay (tepetate). This midden is located along the southern edge of Structure 36. Given the fragmentary nature of the walls, it was difficult to tell if the midden predates construction (an attempt to level the ground and build the structure) or if

the midden dated to the destruction and abandonment of the residence. However, F. 216a does appear to have gone under the western wall of Room 2, so it may date to the construction of the house.

The two other features, F. 217 and F. 218, were also trash deposits or midden features. Like F. 216, F. 217 and F. 218, they were trash deposits in natural depressions in the tepetate and may represent attempts to level the surrounding area for the construction of Structure 36. F. 217 was not associated with any intact architecture but was located where the Room 2 western wall should be. F. 218 appears to have been intrusive into the Room 1 north wall and may have been associated with the abandonment/destruction of Structure 36 rather than its construction.

Table 4.6 - Structure 36 Associated Feature Descriptions

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
216a	N2245 E2014	1.3 m x 1.3 m	F. 216a is the northernmost segment of the F. 216 trash deposit/midden and also the segment with the highest elevation. F. 216a is the only segment of this feature that underlies the architecture of Structure 34 (Room 2 western wall). The deposit is approximately 35 cm thick and contains rubble and high densities of artifacts (ceramic, chipped stone, shell, animal bone, and figurines) in dark brown to black ashy soil.
216b	N2243 E2014	1.7 m x 2.0 m	F. 216b is the central segment of the F. 216 trash deposit/midden. It is made up of two connecting deposits placed in natural depressions in the tepetate. They are not associated with any intact architecture but may have supported the Room 2 southern wall. Like the other segments of the F. 216 midden, F 216b contains rubble and high densities of artifacts in dark brown to black ashy soil (24 cm thick).

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
216c	N2242 E2014	1.9 m x 2.6 m	F. 216 c is the southernmost segment of the F. 216 trash deposit/midden and also the lowest in elevation. It is located to the south of Structure 36 and not associated with any architecture. This deposit is placed in a natural depression in the tepetate. Like the other segments of F. 216, it contains rubble and high densities of artifacts in dark brown to black ashy soil (17 cm thick).
217	N2252 E2013	3.2 m x 2.0 m	F. 217 is a trash deposit/midden in a natural depression in the tepetate. It is located west of Room 2 and may have supported the Room 2 western wall; however, no western wall was preserved. Like F. 216 and F. 218, the deposit contained rubble and high densities of artifacts in dark, ashy soil (20 cm thick). However, the artifacts in F. 217 are smaller and more eroded. It is possible that they are redeposited.
218	N2253 E2019	1.6 m x 2.0 m	F. 218 us a trash deposit/midden located in the north wall of Room 1. Like the F. 216 and F. 217, F. 218 is filled with high densities of artifacts and dark ashy soil (44 cm thick). F. 218 has less rubble than F. 216 and F. 217 and had more soil relative to artifacts than the other midden features. Also, F. 218 is intrusive into the Room 1 north wall and may date to the abandonment/destruction of Structure 36 rather than its construction.

Discussion

Based on the new excavated data from El Mogote, it appears that house size and layout are consistent with other known examples from across the Oaxaca Valley. The Area M structures dating to the Rosario and Early Monte Albán I phases were 225 m^2 and 400 m^2 respectively. Their size and position relative to public buildings was consistent with the interpretation that they were relatively high status. Str. 34 likely predated the building of the El Mogote Plaza and was possibly the precursor to the Mound A residence.

House layout data indicate that, at El Mogote, significant changes to household organization did not predate the formation of state-level governing practices. Str. 33 was built directly on top of the destroyed Str. 34 on Mound M. It is especially significant that the layouts remained exactly the same with the walls of the newer structure running directly on top of those of the lower structure. The two houses were separated by a burn layer that partially to completely obscures the lower structure, indicating memory or knowledge of the layout of the previous structure when building the more recent one. Despite similarities in layout, the quality of the construction declined somewhat indicating that this house may have become less important in the Early Monte Albán I phase. It remained in a relatively high-status position as indicated by the presence of an elaborate tomb (F.212/Str. 35) incorporated into the household layout.

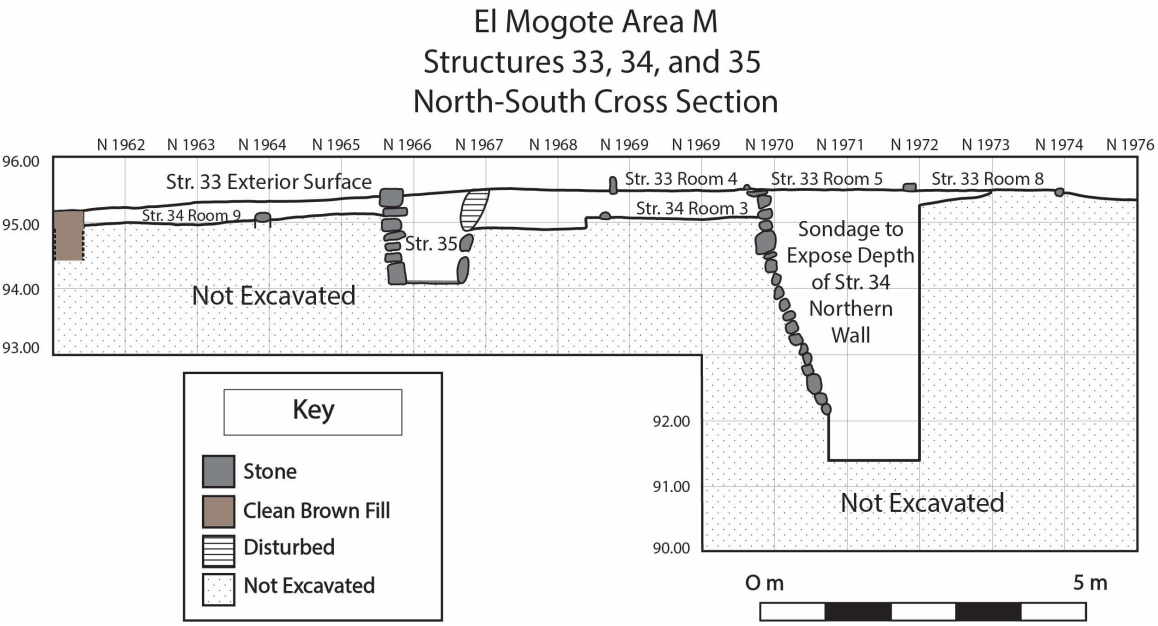


Figure 4.5 - Area M cross section

At El Mogote, the Middle Formative phases were a time of experimentation with internal divisions. The long narrow rooms were subdivided at times by 1-2 course walls or by more ephemeral wattle and daub divisions. Unlike San José Mogote, we do not see

the emergence of the patio-centered house at El Mogote until the Early Monte Albán I phase in the preeminent elite residence on Mound A. The Rosario phase marks the first use of adobes in house construction. Adobes are used in combination with wattle and daub to build walls atop stone foundations. The houses at El Mogote fit this trend and were constructed with a combination of stone, adobe, and wattle and daub. At El Mogote, in both Rosario and Early Monte Albán I phases, the stones used to build house foundations and larger platform foundations were a mixture of cut, shaped stones and unshaped cobbles. This may reflect a lack of specialized masons or a lack of the technology for shaping the stones.

Conclusions

House size, construction, and layout at El Mogote indicate that higher status households were likely larger than a nuclear family. This trend likely began during the Rosario phase when high status houses began to exhibit significant size and construction difference from ordinary houses. This trend of significantly larger elite households continued to develop into the Early Monte Albán I phase. However, more data from ordinary houses at El Mogote and other sites in the region are needed to better understand the disparity between elite and commoner domestic architecture.

The timing of changes in household architecture indicate they likely do not predate the formation of the state with the possible exception of the ruler's residence. At both San José Mogote and El Mogote, the patio-centered structure originated with the ruler's residence; however, the emergence of the central patio occured in the Early Monte Albán I phase and not the Rosario phase. In both cases, the patio-centered house eventually became common in the general population in the following phase. This trend

of change beginning in elite houses had deeper roots in Oaxaca. As early as the San José phase, there were differences between ordinary houses and high-status residential architecture. During the Early Formative, elite houses had more than one structure while ordinary houses had only one. By the Rosario phase, houses composed of two structures were more common at San José Mogote as well as at smaller sites (Drennan 1976; Flannery and Marcus 2005; Whalen 1981).

New household data from El Mogote demonstrate that although some changes took place among elite households, household organization remained relatively stable before state formation. Through the end of the Early Monte Albán I phase, ordinary house size, layout, and construction grew gradually, possibly indicating a shift toward more extended family dwellings. The most significant household development occurred during the Rosario phase with the appearance of very large high-status dwellings. These large dwellings could be indicative of an early shift to extended family houses by elites or could also be evidence of elites' abilities to command labor both in the construction and maintenance of the house and household. In the following chapter, I will discuss excavated residential structures from the Late Monte Albán I occupation, known as El Palenque.

Chapter 5 - El Palenque Residential Structures

This chapter provides detailed descriptions of the Late Formative (Late Monte Albán I) structures excavated at the El Palenque occupation of the Tilcajete sites. I discuss the construction materials, floor plans, and features associated with each excavated structure. Fieldwork at El Palenque began in July 2016 and continued for nineteen weeks. Work focused on two sectors of the site. (1) Area X is located approximately 300 m west of the plaza and (2) Area P is located about 70 m southwest of the plaza. The structures were chosen because they were adjacent to previously excavated houses. The goal was to compare neighboring structures at different distances from the plaza in an attempt to capture residential variability within and between sectors of the site.

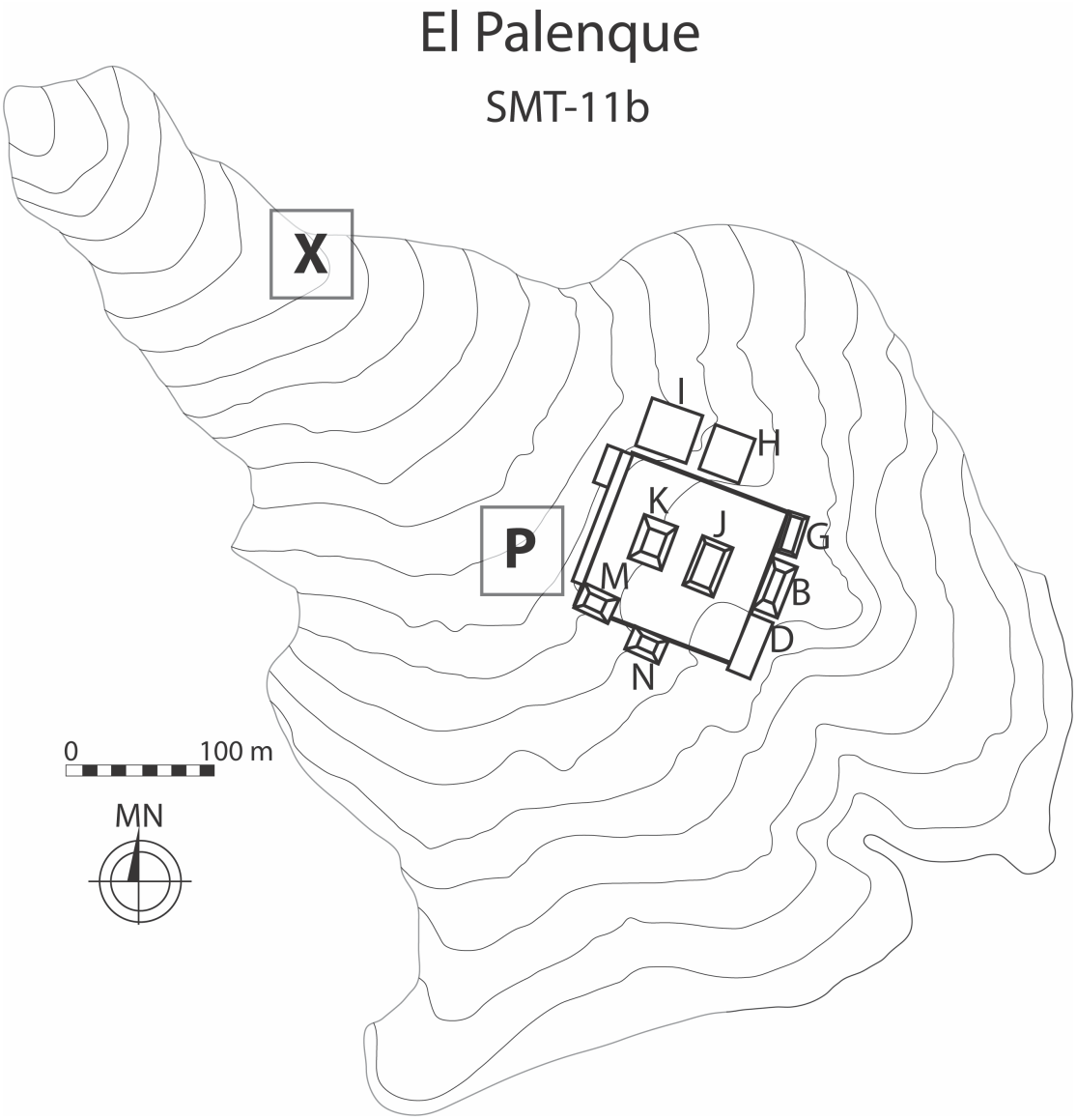


Figure 5.1 - El Palenque site map. Redrawn from Spencer and Redmond 2004b

The focus of this dissertation is change through time in household organization. Residential architecture is an important indicator of household composition, size, the structure of domestic activities, and social beliefs (Blanton 1994; Flannery 1976; Grahame 2000; Hanson 1998; Kent 1990a; Kramer 1982; Nash 2009; Rapaport 1990a; Sanders 1990; Wilk and Rathje 1982). To assess the relationship between residential

architecture and sociopolitical organization, I conducted excavations at El Palenque to examine how households were organized during and after state formation in the Late Monte Albán I phase. My questions concerned the relationship between household organization and the newly formed secondary state at Tilcajete. The nature and timing of changes to household architecture are related to the relationships among household members and between households. The composition of individual households and the nature of their links to one another create constraints and opportunities for the newly-formed state authority and shape administrative strategies. This phase of research had two major research questions:

(1) What were the effects at the household level, of the political institutional transformations documented during the Late Monte Albán I phase (300-100 B.C.)? (2) Did household organization, economic activities, and ritual practice at El Palenque remain constant or experience changes concurrent with those seen in the civic-ceremonial plazas?

A comparison between the floor plans of dwellings at El Mogote and El Palenque reveal some significant changes in the layout and construction techniques used at the two occupations. The changes in floor plan and construction reflect an increase in house size, a standardization of household layout, and the increased and more permanent partitioning of space. These changes are evidence of possible growth in household size, new emphasis on communal space, and possible centralization of household activities and labor.

The changes in household architecture coincide with a change in public architecture at El Palenque (Redmond and Spencer 2008, 2013, 2017; Spencer and Redmond 2004a, 2004b, 2005). The floor plans of buildings around El Palenque's civic-

ceremonial plaza also included the increased partitioning of space. One-room temples became divided into two rooms with a front room, a back room, and at Tilcajete, a room on either end. Some temples also included private domestic space for priests and temple staff (Redmond and Spencer 2008, 2013; Spencer and Redmond 2005). The ruler's residence or palace included a division between private domestic space and public administrative space (Redmond and Spencer 2017; Spencer and Redmond 2004b, 2005). For public buildings, this partitioning and specialization of space was tied to the emergence of new political institutions and created through the increasing centralization of power in the hands of specialized government officials (Feinman and Marcus eds. 1998; Flannery 1998; Spencer and Redmond 2005). The standardization and formalization of floor plans reflected the need for division of space and control of the movement of different types of people through those buildings.

The timing and nature of changes to domestic architecture at El Palenque demonstrate that the social changes associated with emergence of state level institutions were not limited to the public sphere. People remade their domestic spaces at the same time. The proposition that social macroevolutionary shifts are pervasive and transformative is supported by the observed changes to house architecture during the time of state formation. Daily life and household composition changed at the same time as political and economic systems. Houses became larger indicating a shift to even larger extended family units. Larger households could be advantageous for defensive reasons or to provide more labor in support of the growing state apparatus. Space became more rigidly subdivided and possibly more specialized (Kent 1990b). This may have reflected

a need to standardize and coordinate household activities involving an increasing number of people.

Trends in Late Formative Household Architecture

A significant development in household architecture during the Middle Formative was the appearance of patio-centered houses. While the earliest documented patio-centered dwelling comes from San José Mogote and the earliest at Tilcajete comes from Mound A at El Mogote, the houses at El Palenque represent the popularization and standardization of this architectural type (Flannery and Marcus 2005:418; Spencer and Redmond 2015).

As discussed in Chapters 3 and 4, there are limited data on household architecture from the Late Formative period. The majority of data come from the Tilcajete sites. However, one elite residence from Santo Domingo Tomaltepec was excavated. While the floor space at Tomaltepec was much smaller than any structure at Tilcajete (about 36 m^2), the total extent of domestic activities and debris was about 300-320 m^2, similar to the median house size at El Palenque. The Late Monte Albán I occupation had a trimodal distribution of house size with the first mode between 75-112 m^2, the second 350-475 m^2, and the third (the Area I Palace) 2790 m^2 (Redmond and Spencer 2017:3805). The major difference between houses in modes 1 and 2 is the number of patios. The smaller structures had only one patio while the larger structures had two. The smaller structures were most similar in size and construction to the smaller, paved patios of the larger structures. This may indicate that smaller structures with paved patios were built first and later expanded to include a larger, unpaved patio. Alternatively, the two-patio houses may represent a different kind of household than the single-patio structures. The third

mode is the palace and ruler's residence on the north side of the civic ceremonial plaza. The residential portion of the palace is a single patio, and it is paired with two paved courtyards that likely served public and administrative functions (Redmond and Spencer 2017; Spencer and Redmond 2004b). All dwellings regardless of size were built using a combination of cut stone foundations, adobe bricks, and wattle and daub. Interior floor surfaces were made from packed earth and outdoor surfaces were packed earth or flagstone pavement. In the following section, I will present descriptions of each excavated house including construction materials, surfaces, room dimensions, and associated features.

Residential Unit Descriptions

Area X, Structure 30 Summary

Architecture and Layout

Structure 30 was excavated by Elsa Redmond in 2011 (see Figure 5.2). The structure was built on a low mound. It was oriented N21-22ºE and composed of five rooms and a single patio. The structure as a whole measured approximately 12.5 m x 9 m. Its construction materials and techniques are very similar to those of Structures 9, 31, and 50 and includes cut stone foundations, flagstone pavements, diagonal walls, stone drains, and raised rooms. Floors and surfaces were generally packed earth.

The rooms were located on the southern and eastern sides of the patio. Any rooms on the western and northern sides may not have been preserved due to erosion and modern activity at the site. The patio was paved except for a square portion in the center. The structure may have been accessed through an entrance in the southeast room. At least one room had a drain indicating it may have been unroofed. The room floors were

generally raised above the level of the patio surface. Most rooms opened onto the patio which was accessed by a stone or adobe step (Spencer and Redmond 2013 INFORME).



Figure 5.2 - Area X with Structures 30 and 31 and unexcavated neighboring structures

Area X, Structure 31 Summary

Architecture and Layout

Structure 31 was excavated by the author in 2016. It is located close to three other structures (see Figure 5.2). It is 2.78 m east of Structure 30's Room 1. No connecting walls were detected between Structures 30 and 31 suggesting these were independent dwellings. Structures 30 and 31 are also located about 5 m north of Structure 32, an

unexcavated house. One small wall fragment indicates a possible connection between these two structures. Structure 31 is 4.5 m west of Structure 51, also unexcavated, with no detected connections; however, damage to the eastern end of Structure 31, patio 2 make the connection with Structure 51 difficult to assess.

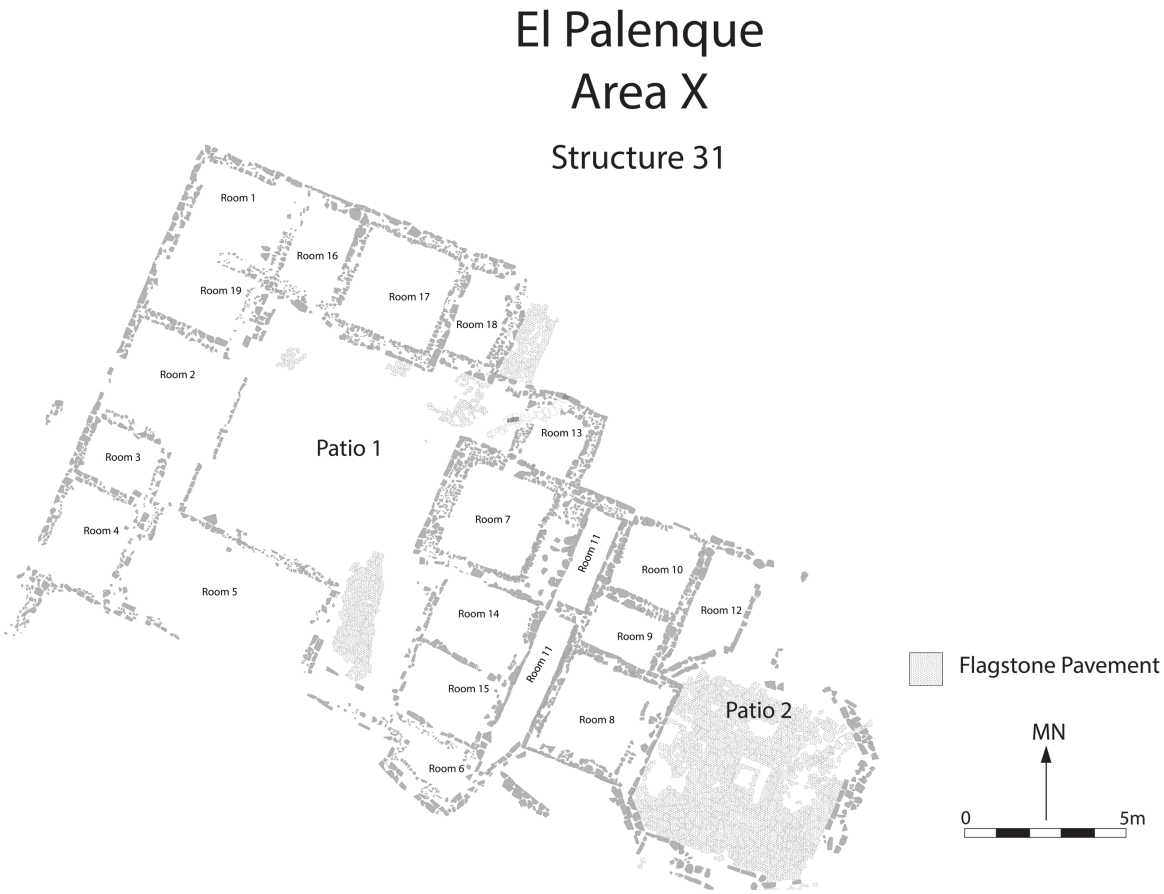


Figure 5.3 - Structure 31 floor plan

Structure 31 was an elaborate residence with 19 rooms and 2 patios and was oriented N 21-22º E, like Structure 30 to the west. The structure was accessed by two entrances marked with flagstones, one on the northeast side of Patio 1, the unpaved patio, and one on the southeast side of Patio 1. The majority of the rooms were small and cell-like with an average dimension of 2.8m x 2.4m. Generally, the rooms to the north and west were raised above the level of the unpaved patio. The rooms to the south and east had floors at the same level of the patio. This may have been, in part, to accommodate the

natural sloping of the hillside. The rooms on the north and west of Patio 1 did not have preserved floor surfaces, so it was difficult to assess their functions. The block of rooms along the east of Patio 1, the large unpaved patio, appear to have had functions related to food preparation and consumption. The two patios were separated by two long narrow rooms that may have served as storage rooms as indicated by F. 220, a concentration of animal bone in the southern half of Room 11, and F. 226, a concentration of animal bone and burnt ceramics in the northern half of Room 11.



Figure 5.4 - Room 11 (north), F. 226 a concentration of animal bone and burnt ceramics

For Patio 2, only the rooms on the west and northwestern sides of the patio were preserved. They suffered the most from erosion, a stone-collecting program, and a small road. It is likely that there were rooms on at least three sides of this paved patio if not all four. It is possible that the eastern end of Patio 2 was open because the drain let out on the northeast corner. However, the drain could have extended under a now-destroyed

room. Burial 28 was found next to the opening of the drain, and Burial 30 was found just east of the southeast corner of the patio. All other burials associated with Structure 31 were under room floors, indicating these areas could have been interior, roofed spaces.



Figure 5.5 - Structure 31, Patio 2

Structure 31 was built using cut stone blocks, adobe bricks, and wattle and daub. Remains of daub were found on the Room 8 floor (see Figure 5.6), and remains of adobe were found in the Room 11 passage and the trash deposit F. 221 (see Figure 5.7). The subfloors were made of a mixture of compact dark soil and white gravel. This deposit was used to raise and level the area. It was found primarily in Rooms 1-4 and 16-19, the rooms on the north and west sides of Patio 1 that were raised above the patio surface. Intact floor surfaces were generally a compact yellow/tan sandy soil (see Figure 5.6). This floor deposit was used in both roofed (interior) and unroofed (patio) spaces. It was particularly well-preserved in Rooms 8-10 but also found in Room 5-8.



Figure 5.6 - Room 8 with two concentrations of daub near the southwest corner. The floor surface is visible with white gravel inclusions. Room 9 to the north has the yellow/tan floor surface visible.

Structure 31 was likely planned and built as a single residence, but it is possible that one patio was built before the other. In the articulation between the walls of Room 11 and the rooms to the east and west, the stones do not clearly overlap/interlock. This could indicate that one patio was built before the other or that two neighboring structures were later connected. The presence of two smaller structures (Str. 30 and Str. 9) similar in size to the smaller, paved patios, may indicate that, if these multi-patio structures were built sequentially, the smaller patio may have been built first.

Table 5.1 - Structure 31 Individual Room Descriptions

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
1	2.4 m x 2.8 m	Room 1 is the in northwestern corner of Structure 31, Patio 1. It one of the highest rooms in the structure and was also one of the closest to the surface. The floor/living surface was not preserved. A dark soil with gravel inclusions was exposed and is likely a subfloor deposit. The walls have 1-2 courses. There are larger stones on the exterior and smaller stones along the interior. The walls sit directly on bedrock/sterile.
2	2.9 m x 3.6 m	Room 2 is the central room on the west side of patio 1. The north, west, and south walls have 2 courses. There is no eastern wall, so the room opens onto the patio and was accessed via a step. The western wall is built directly on top of bedrock and there are some preservation issues with this section of the wall. The other walls sit on top of or go into the occupation layer. The packed dirt floor surface was light tan/yellow. It was preserved only on the eastern side of the room. On the western edge, bedrock was already exposed.
3	1.9 m x 2.1 m	Room 3 is a small room south of room 2. The north wall has 2 courses and the east, west, and south walls have 1 course. There is a wide step or banquet on the east side that provided access to the room from the patio. There was a possible patch of floor preserved in the southeastern corner of the room. However, the majority of the room had dark brown soil with rubble and gravel deposit that is likely subfloor.
4	3.0 m x 2.2 m	Room 4 is located in the southwest corner of Structure 31, Patio 1. A possible step (1-2 courses) may have facilitated movement between Rooms 4 and 5. The walls have 1-2 courses with bigger stones on the exterior and smaller ones on the interior. The southwest corner of the room is not well preserved and there is a gap in the wall. The floor surface was not preserved. The dark soil with rubble and gravel inclusions was uncovered and is likely subfloor. A G.12 base was found in the northwest corner along with a groundstone adze.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
5	3.1 m x 5.7 m	Room 5 is the only room defined on the south side of Patio 1. It may have been subdivided into 2 rooms. A possible remnant of a dividing wall lines up with the room division on the north side of Patio 1. The north wall of the room had 2-3 courses and a possible step down to the patio. The south and west walls were not well-preserved. The west wall had 1 course and was built directly on sterile. There is a patchy packed dirt surface (light tan/yellow with white inclusions), but tepetate and bedrock were uncovered in the southern portion of the room. Burial 26 was located in the eastern half of this room.
6	1.3 m x 2.7 m	Room 6 is the southernmost room on the eastern side of Patio 1. It is not rectangular and the southern wall has a different orientation than the rest of the structure. This southern wall is also an exterior wall for the structure. It is 65 cm thick and there is some evidence of burning south of the the exterior wall. It only has one course and was built directly on top of bedrock. The surface uncovered is packed medium brown dirt with white inclusions. The floor in this room is darker than the normal tan/yellow floor surface.
7	2.9 m x 2.7 m	Room 7, also called the “raised room,” had a high density of rubble and artifacts. It is on the east side of patio 1. The walls were 1.15m thick and had 3-4 courses. The walls were similar to the Room 1 walls, because they had large cut stones on the exterior and small cobbles on top that are slightly offset. The surface was similar to the floors in Rooms 8, 9, and 10. It is a light tan/yellow clayey deposit. Like Room 8, the floor is strongest in the west and has gravel patches. There are more gravel patches in the center and eastern side. F. 222 (a midden) was found on the western side of the room.
8	2.9 m x 2.7 m	Room 8 is the southern-most room on the west side of Patio 2. The walls have at least 2 courses of thin lajas. The southern wall is slumping and has an upper course that is mainly rubble.The floor surface is light tan/yellow packed dirt. It is strongest along the western edge with gravel patches. The soil is generally darker in the eastern half. There were 2 daub concentrations found on the floor in the room. A vessel base was found in the southeast corner.
9	1.5 m x 2.2 m	Room 9 is on the west side of Patio 2. The south wall is well-preserved and has 3 courses. The north and east walls have approximately 2 courses. The west wall has only 1 course and is not well-preserved. The floor in this room is a light yellow/tan packed dirt surface with white inclusions and small pockets of reddish brown gravel/sand. The soil remains darker along the eastern wall.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
10	2.1 m x 2.2 m	Room 10 is north of Room 9. The western and southern walls have multiple courses and the northern and eastern walls have 1 course. The floor is a light tan/yellow surface with white inclusions. It is built directly on top of bedrock/sterile that is beginning to show in the northwest corner.
11	North: 5.3 m x 1.0 m South: 5.3 m x 1.0 m	Room 11 is a long, narrow pair of rooms between patio 1 and 2. The wall dividing the north and south rooms does not extend across the entire room. The walls have 2-3 courses, but the western wall is taller than the eastern wall. These walls are probably stepped down to accommodate the natural slope. The walls are built directly on top of sterile cascajo. The southern room has a curved wall with only 1 course of stone. These rooms were filled with dark fill and rubble. Patches of floor were preserved, and they were yellow clay. There were concentrations of animal bone in the southern room (F. 220). F. 226 was located in the northern room and contained animal bone and burnt, reconstructable vessels.
12	4.0 m x 1.6 m	Room 12 is a trapezoidal room on the west side of Patio 2. The diagonal wall forms part of the step down onto the paved patio. The east and north walls of the room are 1 course and it is very eroded. The west and southeast walls have 1-2 courses. No floor was preserved. Cascajo and sterile were already exposed.
13	1.9 m x 1.6 m	Room 13 is the room north of Room 7. It had a curved north wall and the drain for Patio 1 passes under the floor of this room. No floor surface was preserved. All that remained was dark soil with gravel inclusions, probably subfloor. Burial 27 was located in this room.
14	2.3 m x 2.9 m	Room 14 is located just south of Room 7. The walls have 1-2 courses. The floor surface is yellow/tan packed dirt. It is strongest on the western half of the room. The room contained a large amount of rockfall and rubble. F. 223, an horno, was located in the center of this room.
15	2.1 m x 2.7 m	Room 15 is south of Room 14. The walls have 1 course. The floor is a patchy yellow/tan surface with ceramic sherds laying flat on it.
16	2.8 m x 1.6 m	Room 16 is north of Patio 1 and east of room1. The north, east, and west walls have 1 course, but the stones are large. The south wall has multiple courses but is built of small cobbles. The west wall does not extend all the way to the north wall, but the stones are large.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
17	3.0 m x 2.9 m	Room 17 is east of Room 16 and north of Patio 1. The walls are multiple courses in some places. The room slopes down to the north. No floor was preserved, only the dark, gravely subfloor deposit. Burial 29 was located in this room.
18	2.6 m x 1.4 m	Room 18 is east of Room 17 and west of the north entrance. The stones in the walls are small, but the walls have at least 2 courses. The northeast corner is eroded and the wall is only some small cobbles here. No floor was preserved, but the room contained dense rubble and fill.
19	2.1 m x 2.6 m	Room 19 is south of Room 1 and the two rooms are separated by a rubble wall that does not extend across the entire room. The floor/living surface was not preserved. A dark soil with gravel inclusions was exposed and is likely a subfloor deposit. The walls have 1-2 courses. There are larger stones on the exterior and smaller stones along the interior. The walls sit directly on bedrock/sterile. Gray convex wall bowl was found near south wall and may have been part of a subfloor offering.
Patio 1	6.8 m x 6.5 m	Patio 1 is the larger, western patio of Structure 31. It is not continuously paved, but there are patches of flagstones at the south entrance, the northwest corner, the northeast corner, and in front of Room 17. The patio surface is lower than the rooms on the north, south, and west sides of the patio. The east rooms likely had floors about the same level as the patio surface. The raised rooms were accessed via steps. Most rooms open onto the patio, except Rooms 1 and 4. A drain directed water away from this area to the northeast. The floor is packed light tan/yellow surface. It is generally well-preserved.
Patio 2	5.3 m x 5.4 m	Patio 2 is the smaller, eastern patio of Structure 31. It is fully paved with flagstones. The flagstones get patchier near the Room 8 wall. They are set into sterile clay. The patio has diagonal corners. There may have been rooms on all sides of the patio, but only rooms on the western side are preserved. The northwest and southwest diagonal corners are steps leading to these western rooms. In the middle of the patio is a square (2.2m x 2.2m) that is sunken about 3 cm. Near the middle of this area (slightly off-center) is a pedestal or small “adoratorio”. It is just one course of stone and contained a burnt deposit but no artifacts. Burial 28 was located just off the northeast corner of the patio. Burial 30 was located just off the southeast corner. There were daub or burnt clay concentrations on the southern side of the patio. A zoomorphic vessel was recovered on the eastern side of the patio.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
South Entrance	5.0 m x 2.6 m	There was no opening in the south wall, but it wasn't well-preserved (only 1 course). The segments recovered were directly on bedrock. A patch of flagstones (about 1.2 m wide x 5 m long were uncovered in the space between Room 5 and Rooms 14-15. This entrance opens onto the southeast corner of Patio 1.
North Entrance	3.0 m x 1.0 m	The north entrance is located in the exterior area east of Room 18. It is a flagstone path or ramp and a single step up. It leads into the northeast corner of patio 1 near Rooms 7 and 13.

Associated Features

Several features were associated with Structure 31. Most of these features pertained to food production and trash disposal. F. 220 and F. 226 were concentrations of animal bone and ceramics found in the narrow rooms separating Patio 1 and 2 (see Figure 5.4). They may represent stored food or an episode of trash disposal. F. 221 and 222 were trash disposal episodes. F. 221 was a primary trash pit on the northeast exterior corner of Patio 1 (see Figure 5.7). F. 222 was a secondary trash deposit or fill episode. F. 223 was a cooking hearth (See Figure 5.8). F. 225 was fill inside the pedestal at the center of patio 2. There was some evidence for burning, so it may have been used for heat or the fill used during construction was previously burned.



Figure 5.7 - Feature 221, a primary trash deposit. Large ceramic fragments are scattered throughout, and an adobe brick is visible against the wall to the south.



Figure 5.8 - Feature 223 hearth feature with black ash

Table 5.2 - Structure 31 Associated Feature Descriptions

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
220	N 2310-1 E 1132.5-33	2.8 m x 1.3 m	F. 220 is 3 small concentrations of animal bone in the southern end of Room 11. There seem to be a number of mandibles and digits. Some of the digits seem to be partially articulated. The bones were in a slightly darker deposit, but it is unlikely to be a pit given the shallow nature of each pile. The deposit underneath was still a medium brown. It is likely that these bone piles are part of the fill in this area. The central rooms of the house (Room 7, 14, and Feature 221) all have evidence of food preparation and discard.
221	N 2318-20 E 1135.5-37	3.0 m x 1.5 m	F. 221 is a trash pit located east of Room 13 and north of Room 11, possibly built up over time (because of the multiple layers of ceramics). This whole area (between the two patios) has lots of evidence of food preparation and consumption (Rm. 11 N and S, Rm. 14, Rm. 7/F.223). The pit was dug into sterile and the sherds are mounded/piled up against the corner of the structure. The pit contained large sherds, bone chopped stone, figurines, daub, carbon, and a possible ornament.
222	N 2316.6-19.4 E 1131.4-33	2.9 m x 2.6 m	F. 222 is most likely an episode of dirty fill to raise the floor level in Room 7. This feature is mainly in the western half of the room and includes a high density of ceramics, bone, chipped stone, and groundstone. The ceramics are a bit small and may be redeposited. This feature is north of Room 14 (the room that contained F. 223, a hearth/cooking feature). It's possible that this rubble and fill are the result of cleaning out and dumping the contents of the hearth or that this debris comes from food preparation activities (this the manos). Removing F.222 exposed a yellow/tan possible floor deposit, but this was only in the western half of the room. The east and center of the room remained gravely and had a high density of artifacts. This room has much thicker walls than the other rooms and a lower floor. It could possibly have used for storage room.

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
223	N 2314 E 1132-3	1.1 m x 1.2 m	F. 223 is a hearth/cooking/heating feature in the center of Room 14. It is associated with a number of other features that make up a food preparation activity area in the center of Structure 31(Room 11 north and south (F. 220), Room 7 (F.222), F.221). It is a small circular pit filled with loose black ash and small to medium-sized rocks. No other artifacts were found in this feature.
224	N 2323.5-24.1 E 1129.9-30.5	0.6 m x 0.6m	F. 224 is a whole pot that was part of the offerings for Burial 29. For more information, see the description of Burial 29 in Chapter 6.
225	N 2309.3-10.3 E 1140.3-41.25	1.0 m x 1.0 m	F. 225 is the deposit inside the pedestal/adoratorio at the center of the paved patio. The feature contained evidence for burning and may have served as a heat source. Artifact density is very low. There are two layers. The first is a mix of medium brown soil and chunks of yellow clay. It looks exactly like the mortar found elsewhere in the structure. Under this layer is reddish brown soil with a black patch. At the base of this layer, we started to uncover cascajo.
226	N 2314-6 E 1134-6	3.0 m x 1.0 m	F.226 is a concentration of fallen rocks, sherds (some burnt), and animal bone in the northern half of Room 11. A groundstone Mano and a fragment of an effigy vessel were also recovered here. There were two layers of sherds. The first contained G.12 bowl bases laying fairly flat, indicating a possible surface. Under this first layer of sherds and bone was another layer of sherds (both G.12 fragments and café olla sherds, some burnt) and animal bone. This could be related to F.220, the concentrations of animal bone in the southern half of Room 11, but this is 10-15 cm lower than F.220.

Area P, Structure 9 Summary

Architecture and Layout

Area P, Structure 9 was excavated by Christina Elson in collaboration with Elsa Redmond and Charles Spencer in 1997. It was a simple domestic dwelling located 70 m

west of the El Palenque Plaza. It was oriented N17ºE and composed of 3 rooms and a single patio. The structure covered an area of 75 m^2. It was constructed using techniques similar to those of Structures 30, 31, and 50. It had cut stone foundations, a partially paved flagstone patio, diagonal walls, an L-shaped room, and floors of packed earth.

The rooms were located on the north and west sides of the patio. No rooms were detected to the east or south, but there could be more architecture in the unexcavated portion between F. 14 (a midden feature) and Room 2. The patio was U-shaped. At its center was referred to as Room 4 with a stone-lined firebox (F. 70) and a patch of flagstones. A corridor on the south side of the patio may have been an entrance to the house (Spencer and Redmond 2008 INFORME).

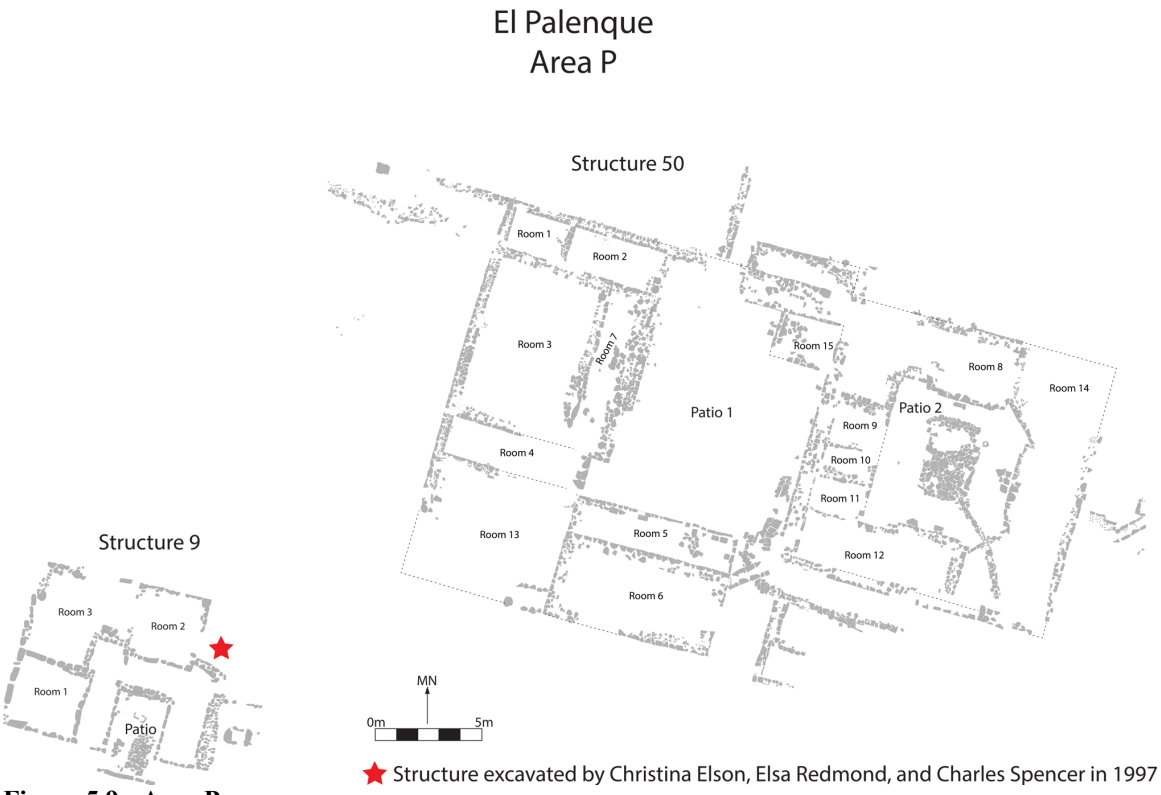


Figure 5.9 - Area P

Area P, Structure 50 Summary

Architecture and Layout

Structure 50 was excavated by the author with the assistance of Lizzette Soto in 2016. It was 9-10.8 m northeast of Structure 9, but no connecting walls were detected suggesting these were independent dwellings. One wall fragment in the northwest corner of Structure 50 does suggest a possible connection with a structure to the west, but it was 23 m north of the Structure 9 north wall. During the excavation of Structure 9, a possible structure to the north was mentioned in the notes, so there may be another house west of Structure 50 and north of Structure 9. The eastern part of Structure 50 is immediately adjacent to the southwestern corner of the civic-ceremonial plaza and may even continue onto the southern mound. A wall fragment heading north from the middle of the northern wall of Structure 50 also suggests the possibility of another structure in this area.

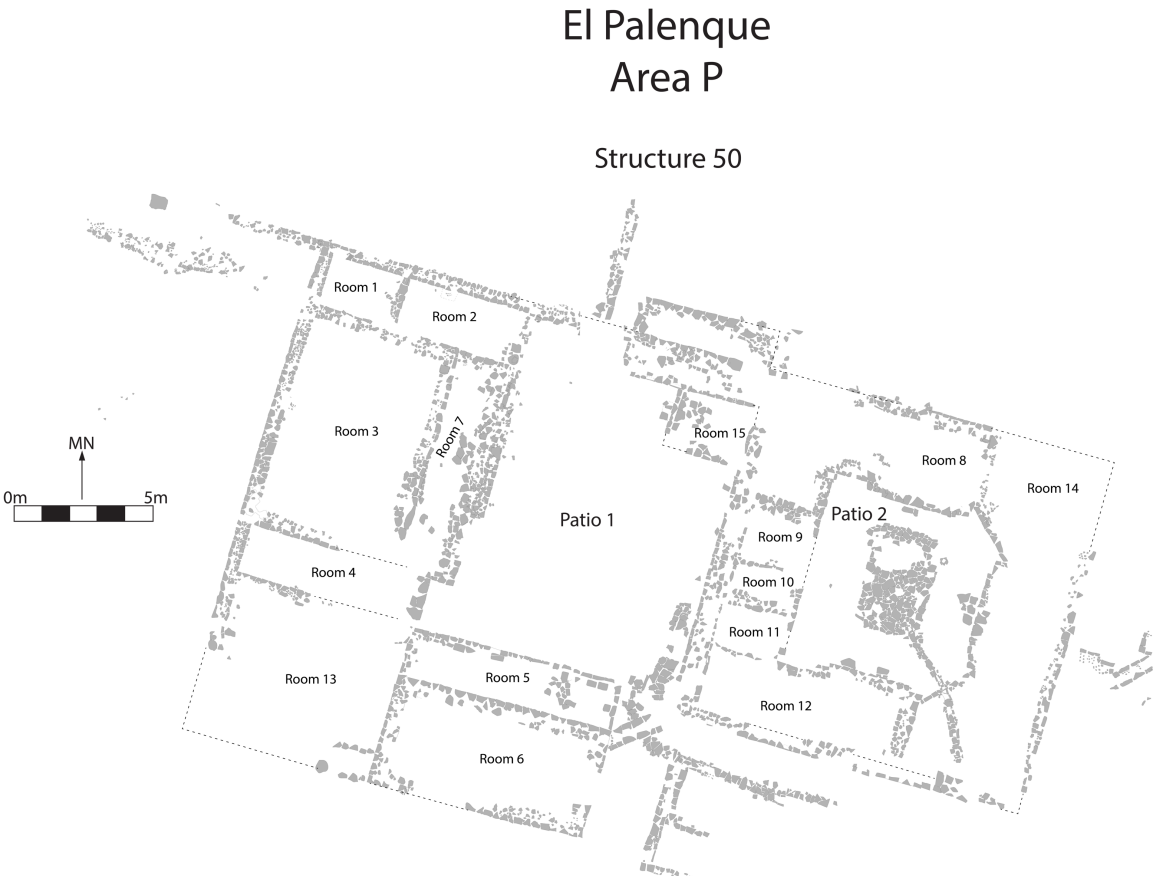


Figure 5.10 - Area P Structure 50

Structure 50 was an elaborate residence with 15 rooms and 2 patios. It was oriented N 18ºE like Structure 9 to the west. The structure was accessed by two entrances, one in the north and one in the southeast of Patio 1. The north entrance consists of two stairs that led into a partially paved entrance platform or small room. The southeastern entrance was a single step and narrow step or pavement that connected with the eastern wall of Patio 1. Most rooms were mid-sized and roughly rectangular with an average dimension of 3.2 m x 4.4 m. These rooms were on average twice as large as those in Structure 31. This as unsurprising considering Structure 50 was larger overall and had fewer rooms. As in Structure 31, the western patio, Patio 1, was larger and unpaved. It had rooms on the west and south, but not to the north or east. The rooms to

the west had floors that were raised about 50 cm above the level of the patio surface. They were accessed by stairs from Patio 1. The rooms to the south had floors only slightly above the patio surface (3-5 cm). The differences in floor height may have been due, in part, to the natural slope in this area. The floor surfaces in the western rooms were generally not preserved. However, the southern rooms were more deeply buried and had well preserved earth floor surfaces.

The two patios of Structure 50 were separated by a wall approximately 90-95 cm thick. Unlike Structure 31, in Area X, there was no evidence of storage space in the area between patios. There was no clear indication of a corridor or connection that linked the two patios of Structure 50. Patio 2 had rooms around all four sides and appeared to have been fully enclosed. However, the southeast corner was not well preserved due to erosion. The rooms on the southern side were poorly preserved due to erosion and damage by a large tree. The rooms on the eastern side of the patio were not fully excavated. It is not entirely clear if Patio 2 had any formal entrances; however, it may have been accessed from the plaza. A diagonal wall fragment was detected on the east side of Room 14 that may have been part of some sort of access or entrance from the plaza or the southern mound. If this was the case, this patio may have been relatively restricted or exclusive.

Both Patios 1 and 2 featured evidence of household activities. Several groundstone manos and metates were found on both patios. A large and complete metate was left in situ on the Patio 2 floor surface (see Figure 5. 11). On Patio 1, Room 5 (F. 230a) had a possible storage pit feature with large sherds (see Figure 5. 12, Table 5.4). On Patio 2, a layer of burnt sherds (F.232) were found associated with a floor. It appears that food preparation activities may have taken place in both patios. Unlike Structure 31, no hearth was found inside the Structure 50 dwelling. However, F. 233 may be some sort of cooking feature or possibly a kiln. It was located in the exterior area between the two patios. It is possible that this was a shared by people from both patios (Chang 1958).



Figure 5.11 - Structure 50, Patio 2 showing pavement and drain. The arrow on the left marks the metate found in situ. The arrow on the right marks the location of F.232.

The house was built using cut stone blocks, adobe bricks, and wattle and daub. A line of adobe bricks was found on the inside of the Room 5 north wall. In some cases, walls contain a line of stones with a line of rubble along the interior of the room. In some cases, adobes may have been placed on the interior of the room to reinforce the walls. Exterior walls tend to have two lines of stones. The subfloors ranged from a tan compact earth surface with white inclusions to a modeled yellow/orange/brown clayey deposit with patches of flaky yellow-orange clay and patches of white gravel throughout. The best-preserved floors were in Rooms 5-6 and 8-12. This type of floor deposit was found in both roofed and unroofed spaces, including the patios. In places where floors were not preserved, we uncovered sterile clay. This area does not appear to have been built up or leveled quite as much as Area X.



Figure 5.12 - Structure 50 Room 5 and part of Room 6. Showing intact packed earth floors. To the right of the scale, the large sherds in F. 230a are visible

Structure 50 was likely planned and built as a single residence. The north wall of the structure runs uninterrupted from the eastern edge of Patio 2 to the western edge of Patio 1. The large wall that divided the two patio groups articulates with rooms to the east and west. However, it is possible that one patio was built before the other and the remodeling destroyed evidence of this addition. The thick wall separating the patios is wide enough that it may obscure the nature of the connection between the two patios. There was evidence in Patio 2 for a resurfacing of the pavement and earth floor. The wall fragments that connect with the Patio 1 drain are another area with possible evidence of modification or addition. They are slightly offset from the Structure 50 walls and may be part of a storage area or outbuilding.



Figure 5.13 - The southeast entrance of Structure 50 showing the flagstone entrance or bench, the curving drain, and the thick wall separating Patios 1 and 2

Table 5.3 - Structure 50 Individual Room Descriptions

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
1	1.9 m x 2.7 m	Room 1 is located in the northeastern corner of Structure 50. It was accessed through Room 2. The walls have at least 2 courses of stone. The floor surface was not preserved.
2	2.0 m x 4.0* m	Room 2 is on the northwest corner of Patio 1 and was accessed directly from the patio. If a wall divided this room from the patio, it was not preserved. The north wall has a course of large stones and then 1-2 courses of thin lajas. The wall dividing Room 1 and 2 has 2-3. The north and south walls are taller and more deeply buried. There is evidence of burning in the fill above the floor layer and level with the floor. A patch of the floor surface was preserved in the southwest corner of the room. It is a light tan clay deposit. It looks like they used natural sterile clay. The rest of the room has a medium to dark brown deposit with red and orange patches and deposits of gray ash.
3	7.3 m x 5.0 m	Room 3 is the central room on the western side of Patio 1. It was accessed from the patio by a stairway and small narrow room or landing (Room 7). It may have been accessible through Rooms 2 and 4. The western wall is at least 2-3 courses and the interior walls are 1-2 courses. The southeast corner is not well-preserved. Generally, the wall stones in the outer line are nicely faced, but the interior stones are smaller cobbles. One section of the western wall dividing Room 3 from Room 7 was uncovered in F.228 and F.231 and had 7-9 courses. It appears to be an attempt to level off a natural depression in the sterile clay. The floor in this room was not well-preserved. It is one of the highest rooms, and had some evidence of animal burrowing. We uncovered compact white sterile clay almost immediately. However, there was a patch of compact, light brown packed earth in the northeast corner.
4	1.8 m x 5.2-6.3* m	Room 4 is between Room 3 and Room 13. It may have been accessed directly from Patio 1 or through Room 3. Only the western half of its north and south walls are preserved, so it was not possible to determine exactly how it articulates with the rooms to the north and east. The western wall has at least 2 courses, and the preserved sections of the north and south walls have 1-2 courses. The floor was not preserved, and no subfloor was detected. The deposit exposed is likely post-abandonment fill.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
5	1.4 m x 7.1 m	Room 5 is located south of the patio and was access directly from Patio 1. The south wall had 2 courses, but the north, east, and west walls were 1 course of large stones with 1-2 courses of thin lajas on top. The north and east walls contained an inner row of adobe bricks. The floor surface is a medium to light brown packed earth deposit. The eastern part of the room had a patch of flagstones and there were several large sherds lying on top of this surface. Room 5 contained two pit features (F. 230a and b).
6	3.0 m x 6.9 m	Room 6 is the southern most room in Structure 50 and was located on the south side of Patio 1. It was most likely was accessed through Room 5. The walls of Room 6 have 1-2 courses. The interior walls are rubbly and not well aligned (also observed in Structure 31). The floor is a compact, modeled yellow/orange/brown clayey deposit with patches of flakey yellow-orange clay. There were patches of white gravel throughout the room but especially in the northeast corner. This was the best-preserved floor surface of any room uncovered in Structure 50. This room had a low density of artifacts compared with Room 5.
7	7.6-9.7* m x 1.4 m	Room 7 is a staircase and narrow room or landing on the west side of Patio 1. It provided access to Room 3 and possibly Room 4. There are three steps. The steps are made of large stones or 2 courses of thinner stones. In some areas, the steps were made of one line of stones, but other areas suggest two lines. The lowest step was well-preserved. The second step was in line with the Room 2 and 4 walls, and the third and highest step was the most damaged. The western wall is 1 course of large stones, but it is slumping in the center and the southwestern corner is not preserved. The Room 7 floor was not preserved, and was likely badly damaged by post-abandonment activity. There were two garbage pit features (F. 234 (*226)* and F. 228). they appear to be post-abandonment trash dumps that were intrusive into the floor surface. There was also evidence of a high level of animal activity (burrowing) in this room.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
8	4.2 m x 7.8 m	Room 8 is an L-shaped room on the northwestern corner of Patio 2. It was likely accessed directly from Patio 2. The stones of the west wall seem to be higher than the other walls in this room which only have 1 course and sit on top of white gravel (subfloor). The southern wall has 2 courses. In some places, the base of the stones appears to be above the level of the floor surface. This could be because the ground slopes down to the east. While Rooms 8, 10, and 11 have an inner line of stones, the Room 8 walls do not. The floor surface is a very light grayish-tan soil with very few artifacts. A small patch of about 5 flagstones confirmed that this is likely the floor. The northwest corner had a patch of white gravel (subfloor).
9	1.8 m x 2.3 m	Room 9 is a small room south of Room 8 on the west side of Patio 2. The north, south, and western walls have 1 course of stone. They have a more formal outer line of cut stone and an interior row of rubble or smaller stones. The south wall is only one line of stones and does not completely divide Rooms 9 and 10, because it stops about 1 m from the eastern wall. The inner line of wall stones continues down below the floor deposit, but the northwest corner of the Room 9 wall is missing its innermost stones. The east wall has 1-3 courses and divides this room from Patio 2. The floor deposit is light tan with white inclusions and it is strong throughout the room.
10	1.1 m x 2.3 m	Room 10 is a very small small room south of Room 9 on the west side of Patio 2. Given its small size, it may have been used for storage. The north, south, and west walls have 1 course of stone. The inner line of wall stones continues down below the floor level. The east wall has 1-3 courses and divides this room from Patio 2. The floor surface is strong in this room. It is light tan with white inclusions. The southwest corner has some rubble with patches of burnt orange dirt.
11	1.5 m x 2.4 m	Room 11 is a small room south of Room 10 on the west side of Patio 2. The north, west, and south walls have 1 course. The east wall has 1-3 courses and divides Room 11 from Patio 2. The north wall that divides Room 11 from Room 10 is 3 lines of stones. The south wall that divides Room 11 from Room 12 is one line of stones, and it does not extend all the way to the east wall. The floor surface in this room is light tan with white inclusions and is similar to Rooms 9 and 10.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
12	2.3* m x 7.1 m	Room 12 is a large room on the southwest corner of Patio 2. It was likely accessed by a step on the south side of Patio 2. The north and south walls are 2-3 courses (except the north dividing wall with Room 11). The east wall is 1-2 courses, and the west wall is 1 course. The east wall of Room 2 matches up with the east wall of Room 8 on the north side of Patio 2. The floor surface was a light yellowish tan fine soil with white inclusions. Burial 31 was found below the floor surface and along the southern wall in this room. There was a tree in the center of this room, so we were not able to fully excavate the central portion.
13	6.0* m x 6.6* m	Room 13 is located in the southwest corner of Structure 50, Patio 1. This section of the structure is poorly preserved, but the west wall continues south of Room 4 and there are fragments continuing west of Room 6. The deposit in this area was lighter north and west of these wall fragments and dark south and east of the fragments. It appears that this may have been an interior space and likely a room. The wall fragments are 1 course. The floor surface in this area was not preserved. The bedrock here was very close to the surface, and this area appears to be very eroded.
14	12.6 m x 2.7-4.4* m	Room 14 was defined but the interior was not excavated. It is the room (or set of rooms) on the east side of Patio 2. There is a drain running from Patio 2 under the southeast corner of this room. Both the southeast and northeast corners of this room are poorly preserved. The northeast corner has a tree preventing full exposure of the wall. The southeast corner is lower in elevation than the rest of the structure and is likely affected by erosion. The exposed walls have at least 1 course. It is unclear if this area was subdivided into smaller rooms like the west side of Patio 2. It is unclear if the floor surface is preserved without further excavation.
15	2.2 m x 2.9	Room 15 is located on the northeast corner of Patio 1. It is associated with the north entrance. The east, west, and south walls of the room have 1-2 courses. The north wall has 2-3 courses. The southwest corner of this room is not preserved. The room is accessed by a single step on the west side of the wall. The walls sit directly on bedrock, and it is possible that this room was built on a natural rise in the sterile. The floor surface in this room has flagstones above the level of the packed earth floor (medium brown sandy deposit). There was a small mano found in place on the floor. This may have been part of the entrance or a separate room and activity area.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
Patio 1	12.0 m x 8.8 m	Patio 1 is the larger of two unroofed courtyards and was located on the west side of Structure 50. It is unpaved. The rooms along the western side of Patio 1 were raised above the level of the patio and were accessed by stairs. Rooms along the southern side had floors at approximately the same level as the patio surface. There were no rooms on the north side of the patio. Rooms 2, 5, and 7 were accessible directly from the patio and facilitated access to all other rooms. The walls defining the north, west, and south sides of Patio 1 were built using a lower course of large stones with 1-2 upper courses of thin lajas. The walls are about 40-50 cm tall. Patio 1 was separated from Patio 2 by a wall almost 1 m thick and about 20 cm tall. The southeast corner of the patio has a diagonal wall that also contains the opening for a drain that directed water downslope away from the structure. The patio was entered from formal entrances on the southeast or northeast. The floor surface is light yellow/tan sandy soil with patches of orange/yellow clay and white gravel. The floor seems to be right above bedrock/sterile. Several large sherds and groundstone Mano and metate fragments were found laying flat on this surface. There is some evidence of burning on the southern/southwestern portion of the patio. The northern/northwestern side was damaged by burrowing animals.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
Patio 2	6.3 m x 6.4 m	Patio 2 is the smaller patio on the eastern side of Structure 50. A portion of the center was paved with flagstones. The entire patio floor may have been resurfaced at least once. There were rooms on all four sides of the patio, and it was likely accessed through one of these rooms. All of the rooms were raised about 40-50 cm above the level of the patio surface. The north and west walls of Patio 2 were built with 1 course of large stones and 1-2 additional courses of thin lajas. The south and east walls were built with approximately 3 courses of stone blocks of similar size. The northwest and southwest corners have a small niche created because the westernmost 2 m of the north and south walls is stepped back, making the patio slightly wider in this area. The northeast and southeast corners have diagonal walls. The patio layout is symmetrical along an east-west axis. The southeast corner of the patio has a drain that begins at the southeast corner of the flagstone pavement and extends under Room 14 directing water downslope to the southeast. At the center of the patio surface there is 3.9 m x 2.5 m paved area. The surrounding surface is medium to light brown with white inclusions and some patches of gravel. It appears that this surface was burned, filled in, and covered with a second floor layer that contained a small patch of flagstones. A large, complete metate located on the eastern side of the patio sits on the earlier floor surface, but would have been visible even after the resurfacing. The earlier floor surface contained large sherds and several pieces of groundstone. F.227 was a soft pocket in the post-abandonment fill along the northeast diagonal wall. F.232 is a concentation of burned sherds on the west wall approaching the southwest corner.
South Entrance	3.0 m x 5.0* m	The south entrance is located on the southeast corner of Patio 1. It is a single layer of flagstones raised above the level of the Patio 1 floor. They are set on a layer of mortar (yellow clay with white cal inclusions). They may have also acted as a step up to facilitate movement between Patio 1 and Room 12. There is a diagonal wall connecting the flagstones to the northeast corner of Room 6. This would be the point of entry from the southern side of Structure 50. The drain begins on the southeast corner of the patio and extends under the diagonal wall.

Room Number	Dimensions (North-South x East-West)	Description (nature of floors, architecture, associated features)
North Entrance	5.9 m x 2.0 m	The north entrance is on the northeast side of Patio 1. North of the Structure 50 north wall is an arc of flagstones. The north wall of Structure 50 is 1-2 courses in this area, and it is lower than in other areas and serves as the lowest step in the entrance. The second "step" is 1.2 m x 3.5 m and the space between the north and south walls is paved with small flagstones. The walls of the second step have 2-3 courses. At some point the north wall and second step were filled in with dirt and rubble. This was capped with another layer of flagstones. These flagstones were removed to expose the north wall and step. There is some evidence for burning north of the entrance (dark soil with chunks fo black and orange burnt dirt and cal chunks).

* - indicates measurement is an estimate



Figure 5.14 - Structure 50, F. 232 a ceramic scatter on the west side of Patio 2

Associated Features

The features associated with Structure 50 were generally associated with construction and trash disposal. F. 228, F. 234 (226), and F. 230 are all trash deposits. However, only F. 230a was likely a primary deposit. Both F.228 and F234 (226) are secondary trash deposits likely made after the abandonment of Structure 50. F. 229 and F.231 are leveling episodes that likely date to the construction of Structure 50. They represent attempts to fill in natural depressions in the sterile clay to prepare the area for building. F. 232 and F. 233 are most likely associated with activities performed during the occupation of the house. F. 232 is a ceramic scatter on the resurfaced Patio 2 floor (the later of 2 floor layers). F. 233 is a cylindrical pit that may be a ceramic kiln. It appears to have been cleaned out as no wasters were found. However, the presence of fired adobes inside suggests the possibility that it reached a high temperature. Further, it lacked the ash that is typical in other hornos at both El Palenque and El Mogote. F. 227 was a soft deposit in the corner of Patio 2 that was likely created by natural infilling after abandonment (see Table 5.4 for a description of features recovered in Structure 50).



Figure 5.15 - F. 233 a possible kiln or oven. Note the three chunks of adobe at the base and the orange stain around the edges of the pit

Table 5.4 - Area P Structure 50 Feature Descriptions

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
227	N 2085-6 E 1312-13.4	2.1 m x 0.64 m	This feature is a soft, loose area in front of the Patio 2 northeast diagonal wall. The deposit is darker and has a higher density of artifacts than the rest of patio 2. It turned out to be shallow and the ceramics look redeposited and eroded. It is likely a post-abandonment deposit of artifacts that tumbled down and got caught by this wall.
228	N 2086-8 E 1292	3.0 m x 1.4 m	This feature is darker, looser soil with a higher density of artifacts, but, unlike F.226 (234), F.228 is not gravely. Under this loose deposit was a more compact medium brown layer, but the loose soil continued down in a small 1.5m x 1.5m patch in front of the Room 7 west wall. This part of the deposit contained some flakey orange/brown clay that was about 30 cm deep. Under this clay the soil became more modeled with gray sand. The base of the feature is sterile clay on the west and gray gravel/sandy gray soil on the east. This pit is up against the Room 7 west wall and in this segment with the loose soil the wall is about 1 m deep. The construction technique looks like El Mogote with a mix of cut stones and cobbles that are loosely piled. The wall looks hollow on the other side. F.231 in Room 3 explored the other side of the wall, but this area was very compact sterile clay, so the hollowness is likely rodent activity.
229	N 2096-8 E1294-7	2.6 m x 3.5 m	This feature is most likely a leveling event to fill in the uneven sterile clay. The fill is medium to dark brown, loose with some artifacts. Below this first layer is a deposit of gray sandy soil with lots of medium to large chunks of cal and gravel. This layer had a low density of artifacts. The base of this feature is light, white sterile clay. The sterile clay is generally high in this area and only dips in this one spot. The deposit south of this feature is the orange/brown flakey clay we usually see in rooms that may be floor or subfloor. We are not planning to expand north, so I don't know for sure if this is inside or outside. The deposit looks very similar to F.228 and F.231 which were also an attempt to level a natural depression in the sterile clay.

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
230	N 2082 E 1292-5	1.2 m x 3.3 m	F.230 a and b are 2 concentrations of rocks and rubble that appear to be trash pits. F.230a is roughly in the center of Room 5 and F.230b is near the west wall. F.230a had a higher density of sherds and rubble. At the base of the pit there were some very large sherds (possibly a reconstructable vessel) wedged between some large stones. There is a patch of flagstones at the same level as these large rocks and sherds, so this pit or pile sits on top fo the floor and it is likely post-abandonment. The soil around the sherds was similar to the overall fill, so the "pit" may just be a concentration within a larger fill episode. The pit contained ceramics, bone, and groudstone. F.230b has a much lower density of ceramics and artifacts than F.230a. It could be overflow from F.230a. F.230b is mostly rubble and the deposit was relatively shallow.
231	N 2087 E 1290	1.3 m x 1.3 m	F.231 is a fill deposit that was an attempt to level natural depressions in the sterile clay. IL-1 is a 20 cm layer of grayish brown dark, loose, sandy sill with white gravel. IL-2 is much more compact modeled light brown/tan, medium brown, and white clayey soil with chunks of cal (~25-30 cm). This layer had a few rocks and pockets of burnt red soil. There are no artifacts in this level. IL-2 Arbitrary 2 is more compact and slightly darker and browner. At the base of the pit, we hit an extremely compact, rocky deposit (maybe bedrock?). We did see evidence (soft pockets of clay) of rodent activity. This confirmed that the deep wall fragment seemed hollow because of rodent activity and its purpose was to level a natural depression in the sterile clay.
232	N 2084-5 E 1307	1.8 m x 1.5 m	F.232 is a ceramic scatter on Patio 2. It is at the same level as the top of the large, complete metate and the patch of flagstones. It is possibly associated with a resurfacing of the Patio 2 surface/floor. Below this level is another flagstone surface. The sherds look to be a discrete deposit and may come from the same vessel. The sherds are in/on dark soil with rubble and cal. Below the sherds, we started to uncover some bedrock. The burning could be associated with the destruction/closing of the earlier floor and the creation of the second floor layer that the sherds were laying on.

Feature Number	Location	Dimensions (N-S x E-W)	Context and Description
233	N 2076-7 E 1300	1.2 m x 1.5 m	F.233 is a circular feature with evidence of heating/burning. It may be a cooking feature (horno). It could also be a kiln. IL-1 is a red circle of burnt dirt with medium to dark brown soil with rubble. The base of IL-1 is a layer of small cobbles/rubble that may be the top/cap. IL-2 is the dark brown soil below the rubble cap. The soil is loose and has cobbles and chunks of burn dirt (black and orange chunks) but no ash. Between 134.64-134.27, we found large fragments of adobes. Below the adobes, the dark loose soil continues, IL-3 is a 13-15 cm layer of dark brown/black ashy soil. It is fine and does not have much rubble in it. This could be the ash from the base layer of fuel . The base of the pit is yellow clay (compact tepetate). The walls of the pit are modeled clay, soil and rocks. The bottom of the pit has 3 chunks of clay or adobe, evenly spaced.
234 *(226)*	N 2091-3.4 E 1293-4.8	2.5 m x 1.3 m	This feature is a trash deposit that takes up the whole northern third of Room 7. There is a high density of ceramics mixed with small cobbles, chunks of cal, and small, thin lajas. The deposit is likely post-abandonment because it goes over the wall stones (so not subfloor). The artifacts look redeposited/secondary (smaller, eroded). The feature contained ceramics, groundstone, daub, and shell. The pit goes down into the floor just a bit and its deepest in the northeast corner and piled highest in the northwest corner. The pit is dug into the floor, a medium to light brown deposit with white inclusions.

Interpretation

Built space is the context for social interactions that create, transform, and reproduce social norms and institutions. Buildings structure patterns of movement that encourage or discourage interaction between occupants, creating both physical and social boundaries (Bourdieu 1973, 1977; DeCerteau 1984; Giddens 1984; Lefebvre 1991 [1974]). Room size and shape can influence behavior and interaction along with other elements like built-ins or furnishings (Altman 1975; Bechtel and Churchman 2002; Boast

1987; Fisher 2009; Goffman 1963; Grahame 2000; Gutman 1972; Hall 1966; Rapoport 1990a; Sanders 1990; Stokols and Altman 1987). They limit the number of participants in an interaction and influence the proximity of people to one another. Architecture itself can be symbolic and deeply meaningful. Stylistic and decorative elements can indicate function which in turn influences the nature of behavior and social interactions in that space. Practical and decorative elements of architectural design act as social cues, prompting certain behaviors and interactions and allowing architecture to be understood or "read" by a broader group of people, including visitors who may be entirely unfamiliar with the building (DeCerteau 1984; Fisher 2009; Kent 1990a; Rapoport 1990a).

There are a number of influential variables and theoretical frameworks for analyzing space and architecture. One such framework is spatial syntax, defined as the focus on the relationship of space within the "built shell", including aspects of accessibility, interrelationships between spaces and the social meanings behind the organization of space (Hillier and Hanson 1984; Steadman 1996: 66). Steadman (1996) argues that spatial syntax and architectural studies emerged out of household and settlement archaeology. Both approaches focus on distinct scales but fundamentally analyze the spatial distribution of structures and activities. Household archaeology in particular focuses on economics taking as its focus productive activities of a particular social unit.

Spatial syntax was developed by architects as an analytical tool to improve the design of buildings and by taking movement and space into account (Cutting 2003). According to this framework, space is built to suit biological, economic, and social needs. As a method, spatial syntax analysis is built on three assumptions: (1) people use space

consciously and reflexively, (2) the ways spaces are linked together affects how people move through and use those spaces, and (3) movement and use of space in turn affect the behavior of people living in those spaces (Cutting 2003; Hillier 1996).

It can be difficult to apply space syntax as an analytical approach to ancient architecture because of preservation issues. Space syntax analyses rely on complete structures with clearly defined rooms and entrances. The greater the number of rooms and entrances, the more effective the analyses. These analyses attach values to spaces based on their relationships to all other spaces within the structure. The results of such analyses aid in drawing conclusions about privacy and movement and making comparisons between buildings (Cutting 2003:18). However, a focus on movement and accessibility does not take room dimensions into account. An integrated approach, outlined by Fisher (2009), combines analyses of access, spatial dimensions, and symbolic/decorative elements for a more comprehensive understanding of the recursive relationship between space and social institutions.

In this section, I use the principles of the integrated approach as a conceptual tool to make diachronic comparisons between house layouts at El Mogote and El Palenque. As analytical tool, the integrated approach has the potential to help to explore systematically the variability in house layouts and the implications of changes to the organization of space in multi-room structures.

Diachronic Change at the Tilcajete Sites

Houses at the Early Monte Albán I occupation at El Mogote have a distinctly different layout and different construction techniques than those at the Late Monte Albán I occupation at El Palenque. These changes in house layout, construction techniques, and

organization of space reflect change in household composition and activities that coincides with the formation of an independent state at El Palenque. The transformation of house layout observed is primarily a reorganization of the arrangement of rooms rather than a change in the size or shape of interior spaces. The new house layout introduces a large, enclosed space (a courtyard or patio) into the plan of the house. This space is the first area entered from the outside and it provides access to most of the rooms in the house. Of all domestic spaces, the patios have the most architectural embellishments or decorative elements, reflecting increased investment in these spaces. I argue that house size increased reflecting larger households that included more members. The new arrangement of rooms around a patio may reflect an attempt to coordinate the activities of the larger household through the creation of a central, communal space. The investment in architectural embellishments for the patio indicates that this space was important for more than just practical domestic activities. The patio also served as the context for creating a shared household identity.

Construction Materials and Techniques

The data from houses excavated at El Mogote and El Palenque demonstrate clear changes in the nature of house construction and design, as well as some continuities. The materials used to build houses remain relatively constant. Residents of both occupations use stone, adobe, and wattle and daub. In all excavated structures, there was evidence for a combination of all of these materials. This indicates that regardless of house size and layout all three materials remained important for domestic construction. Domestic structures at El Mogote incorporate some cut stone but generally walls are a single line made from some combination of smaller, unworked cobbles and cut stone blocks. Both

the Mound A residence (Structures 10-12 and 18-19 interpreted as a ruler's residence) and Mound M Structures 33 and 34 clearly exhibit this construction style. This sort of stonework is not unique to El Mogote. It has been documented at other Middle Formative sites in the Valley of Oaxaca like San José Mogote (Marcus and Flannery 1996:109). Cut stone masonry appears to have been reserved for public or ceremonial structures. The foundations for the platform that the Mound A residence is on, the one-room temple structure (Structure 1), and the Area M tomb (Structure 35) are built from nicely shaped stone blocks.



Figure 5.16 - Structure 31 Room 7 showing the combination of cut stone blocks and small cobbles

At El Palenque, there is a shift in the nature of stonework, and both residential and public buildings are built from cut stone blocks. However, small unworked cobbles are still at times incorporated into domestic architecture (like Rooms 7 and 17 in Structure 31). Generally, stonework is a combination of larger cut blocks and thinner

"lajas" or brick-shaped stones. This is accompanied by the use of two lines of stone for walls. Exterior walls almost always have two lines of stone while interior walls may have an interior line of cut-stone masonry with a line of rubble or adobe bricks. The use of flagstones is first observed at El Palenque as well. While Area M at El Mogote did seem to have a pavement of adobes, both public and domestic buildings make extensive use of flagstone pavements at El Palenque (Redmond and Spencer 2017). Overall, these changes in construction techniques reflect an increased investment in cut-stone masonry. These changing construction techniques may possibly be connected with an increased investment in architecture as a form of display and expression.

Room Size and Shape

Although both layout and construction technique exhibit clear changes, the nature of internal divisions shows both continuity and change. To more critically and systematically examine house layouts, I quantified and compared the size and shape of rooms from houses at both sites. In this analysis, I included interior roofed spaces. This excludes central courtyards or patios, which are considered separately. Changes in the size and/or shape of rooms would be indicative of new ways of segmenting space and changes to household activities. A comparison of the mean floor areas of rooms from El Mogote and El Palenque reveals that there is no significant difference between room sizes at these sites (see Table 5.5). The mean room size at El Mogote is 8.66 m^2 (N = 17) and the mean room size at El Palenque is 9.87 m^2 (N = 41). An ANOVA shows they are not significantly different (p = .5998).

Room shape influences the types of interactions possible for interior spaces. Long and narrow spaces tend to facilitate movement from one place to another and function

differently than relatively square spaces which may facilitate gatherings (Fisher 2009:444; Grahame 2000). For this analysis, shape was calculated by dividing the longer room dimension by the shorter room dimension (l/w). All calculations fall between 0 and 1. The closer the convexity calculation is to 1, the more square or convex a room is. More convex rooms are more conducive to sustained group social interaction (Grahame 2000: 56-57). A comparison of the mean convexity of rooms at El Mogote and El Palenque demonstrate that there is no significant difference between room shapes at the sites. The mean convexity measure at El Mogote is .64. The mean convexity measure at El Palenque is .67. An ANOVA shows that these means are not significantly different ($p = 0.6483$). This indicates that rooms in houses at both sites are generally rectangular and about 2/3 as wide as they are long. Houses at both sites contain rooms that are particularly narrow and are usually interpreted as passageways or transitional spaces (e.g, Structure 31, Room 11 and Structure 50, Room 3). These consistencies in room size and shape indicate that interior spaces had the potential to contain the same sorts of social interactions involving comparable numbers of people (group sizes).

Table 5.5 - Room Size and Shape

	By Area		**By Number of Patios**	
	Area X All Structures	Area P All Structures	1 Patio	2 Patios
Mean Room Size (Area)	6.77 m^2	14.25 m^2	10.31 m^2	11.88 m^2
Mean Room Shape (Convexity)	0.72	0.60	0.87	0.61

The consistency in room size and shape through time is particularly significant considering there are substantial differences between these measures among houses at El

Palenque, so variation is greater within sites than between sites. Rooms in Area X (Structures 30 and 31) tend to be smaller (mean of 6.77 m^2) than rooms in Area P (Structures 9 and 50) (mean of 14.25 m^2), and the difference is statistically significant ($p = .0049$). There was no statistically significant difference in mean room size between 1-patio and 2-patio houses ($p = .9879$), but the sample sizes were dramatically different (for 2-patio structures $n = 34$, and for 1-patio structures $n = 8$). There is variability in room size within the 1-patio structures (30 and 9) and the 2-patio structures (31 and 50) in terms of room size (1-patio: (30) 8.43 m^2 and (9) 12.18 m^2; 2-patio: (31) 9.09 m^2 and (50) 14.67 $m^{2)}$.

For room shape, differences are less pronounced between Areas X and P. The rooms in Area X have a mean convexity measure of .72 while those in Area P have a mean convexity measure of .60. The difference is not statistically significant at a p-value of 0.05 but is significant if p is set at 0.1 ($p = 0.0944$). Between 1-patio houses, there is no significant difference in convexity between Areas X and P (.84 and .89 respectively). The 2-patio houses have the most significant difference. Area X Structure 31 has a convexity measure of .69 and Area P Structure 50 has a measure of .53. This indicates that rooms in Structure 50 tend to be more rectangular than those of Structure 31. The difference is statistically significant ($p = 0.0263$). Generally speaking, there is more variability in room size and shape at El Palenque than there is between houses at the two sites. However, the greater sample size at El Palenque may affect these results to a degree.

Based on these analyses, it appears that changes to the architectural plans of houses at the Tilcajete sites is not a change to room size or shape but a reconfiguration of

the arrangement of rooms. At El Mogote, rooms are arranged in lines and rows (see Figures 5.19 and 5.20). There are no rooms that are significant outliers in terms of area (see Figures 5.17 and 5.18). The two largest rooms are from Structure 33 and were likely subdivided, but, even if they were unified spaces, these rooms are not in a central location nor are they different in architectural style from other spaces in the house. Houses at El Palenque have a large central patio space that is almost always significantly larger than any other space in the house (mean room size 9.87 m^2; mean patio size 44.45 m^2). Patios also have a consistently higher convexity measure than rooms (mean room convexity .67; mean patio convexity .89). Patios account for 20-30% of the total area of domestic structures at El Palenque, so they are a relatively significant portion of the house itself. They seem to have served as the entryway to many of the rooms and the first space people would have entered from the outside. When it is possible to assess doorways or access, it appears that most rooms were entered via the patio. In Area X, 60-75% of rooms were accessible from the patio, and in Area P 79-100% of rooms were accessible from the patio.

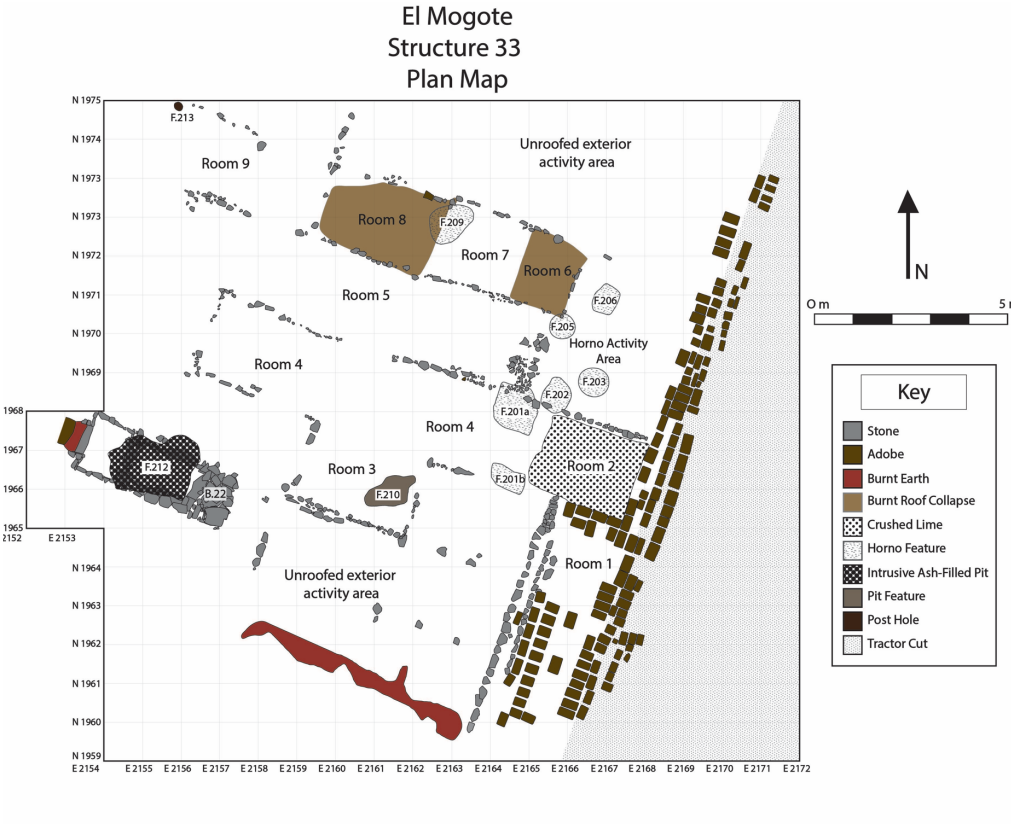


Figure 5.17 - Layout of Area M, Structure 33 showing the rows of rooms

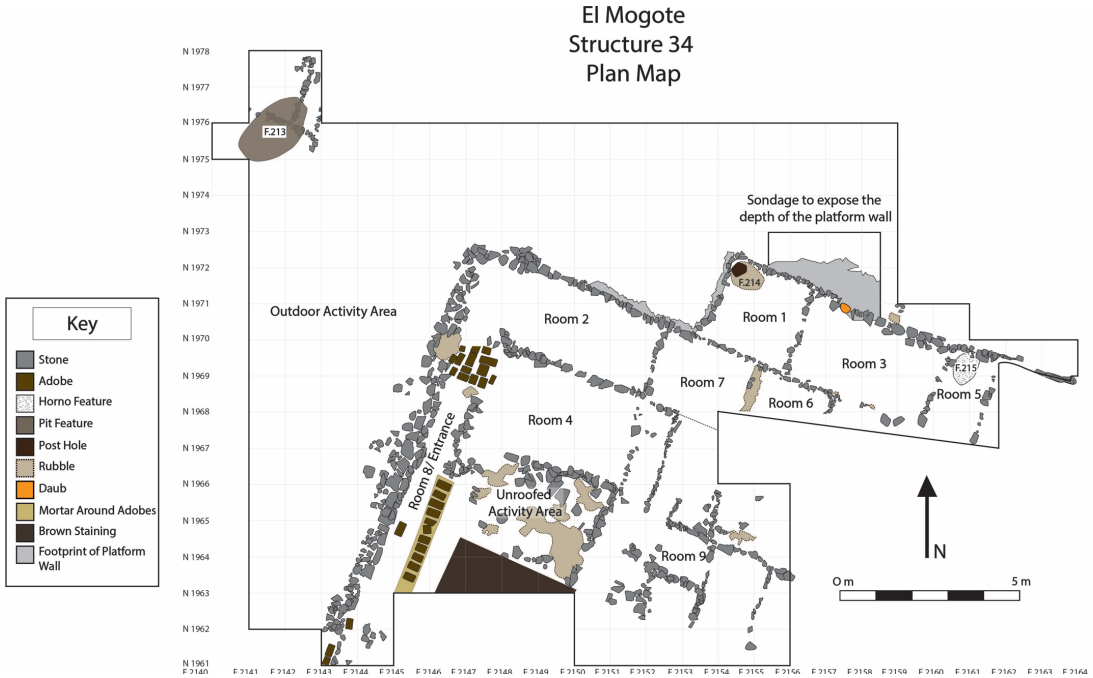


Figure 5.18 - Layout of Area M, Structure 34 showing the rows of rooms

At El Palenque, not only were patios larger and centrally located, they were marked by several decorative or architectural features and furniture that differentiated them from other spaces in the house. They were frequently embellished with diagonal walls, notched walls, multi-course stone masonry, elaborate stone-lined drains, steps and stairways, and flagstone pavements (see Figures 5.5 and 5.11). These spaces were significant in terms of size, location, and investment in their appearance. Some of these embellishments likely had practical purposes. Diagonal walls allowed for corner rooms to be accessed directly from the patio. Notches may have held posts.

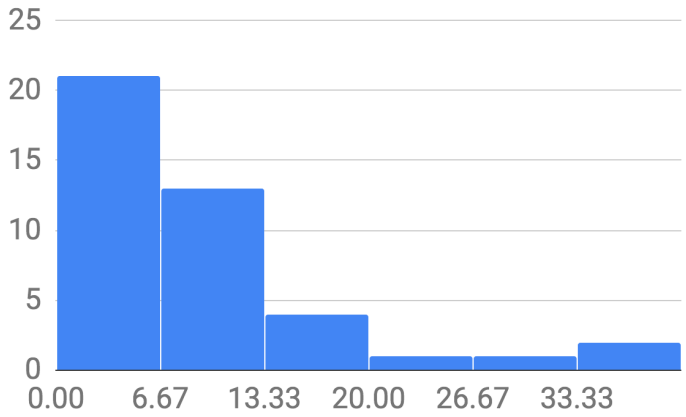


Figure 5.19 - Distribution of room area (excluding patios) at El Palenque

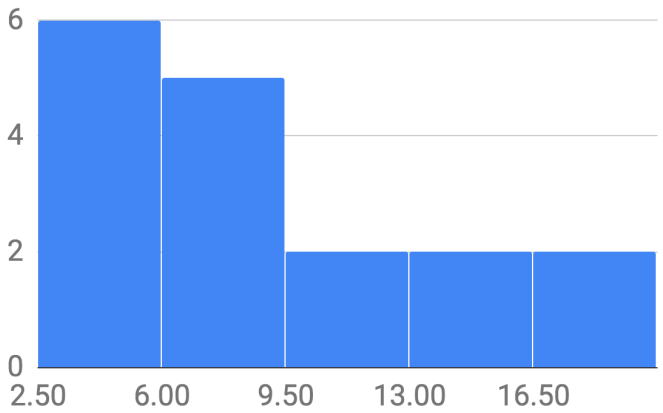


Figure 5.20 - Distribution of room area at El Mogote

Another feature commonly associated with patios were flagstone pavements. If the house had two patios, it was usually the smaller patio that was paved or partially

paved. When houses had just one patio it was paved or partially paved. This may indicate increased investment in patio spaces, which were likely a communal space open to visitors. However, in larger houses, the paved patios were usually the smaller patios without clear entrances. The larger patios with two entrances had only small patches (if any) of paving. I argue that the paving, while an investment in materials and time, may have been for more practical concerns. Patios were likely high traffic areas that required more durable floor surfaces. This was supported by the presence of patches of pavement in entryways, also likely to have been high traffic areas of the house. These smaller patios had the most evidence for architectural elaboration (diagonal walls and other niches or flourishes), reflecting an increased investment in a household communal space.

Smaller patios may have been less accessible to visitors but in many cases had evidence of domestic activities related to ritual and food production. These spaces may have required more durable paved surfaces to sustain these kinds of activities. In Structure 50, two large, complete metates were found on the smaller paved patio along with burned smashed vessels (see Figures 5.11 and 5.14). At the center of Structure 31's Patio 2 stood a small burned pedestal associated with obsidian blades. A large portion of a vessel decorated with zoomorphic appliqués lay nearby. Structures 9 and 30 had only one patio but in both houses, this patio contained evidence for both ritual and food preparation activities (Spencer and Redmond 2008, 2013 INFORME). These paved spaces made this multipurpose space more durable and were important in an unroofed space to allow it to be used even after heavy rain. Stone lined drains located in both paved and unpaved patios indicate a concern with maintaining these spaces.

Large patios had less investment in stone masonry, so they may have been less intensively used but more open to visitors and more suitable to larger gatherings. In both Area P and Area X, the large patio had set of stairs (2-3) leading to a central room on the west side of the patio. There was often a narrow transitional space (landing or antechamber) leading into this larger room. In both cases, the central western room was the largest or second largest room in the house. Neither Structure 31 nor Structure 50 had floor surfaces preserved in this space, so it is difficult to draw conclusions about the nature of activities performed in these raised western rooms. If rooms were accessed by a step, it is typically a single small step. The presence of multiple stairs nearly as wide as the western room itself may indicate that a higher number of people were using the space simultaneously.

Household Activities: Fixed and Semi-Fixed Features

The nature and use of domestic space can also be assessed through patterns in features beyond walls and doorways. Household activities can be detected through the patterns produced by artifacts (non-fixed features), semi-fixed features, and fixed features (Fisher 2009:444; Rapoport 1990b:87-101). Artifact patterns will be discussed in Chapter 7. Semi-fixed features can be distinguished from fixed features by their permanence and importance to the architectural structure of the building (Fisher 2009:444; Rapaport 1990a:13). Residential burial produces fixed features in the form of tombs and cists consisting of some kind of stone architecture.

The arrangement of space changed significantly in the transition from the Early Monte Albán I phase to the Late Monte Albán I phase. However, the location of domestic activities may reflect some continuity in use of household space. Many of these activities

are detected using semi-fixed features. Pits, hornos, and kilns are examples of features that were relatively permanent but not integral to the architectural structure of the building (Rapoport 1990a:13). At both occupations of the Tilcajete sites, *hornos*) were located in small rooms that were roofed or partially roofed spaces. While these features could have been relocated during the use-life of the house, they were likely used and reused many times. At El Mogote, Structure 33 and 34 in Area M both contained at least one horno inside the house walls (See Figure 5.21). The hornos were generally found in the northern rooms in the structure. In El Palenque, Area X Structure 31 had an horno in a small room east of the larger unpaved patio (see Figure 5.22). Structure 9 in Area P had a stone-lined hearth with two chambers located in the center of the patio. Structure 30 in Area P had a multi-chambered adobe lined hearth near the southwest corner of the patio. This reflects not only continuity in the location of food preparation but also in the methods of food preparation. There is evidence that these activities continued at the Terminal Formative period occupation as well. A stone- and adobe-lined hearth was found on the west side of the patio in Structure 4, a lower status residence at the SMT-23 occupation of Tilcajete (Elson 2007:56-60). There is also some evidence that household cooking practices were beginning to change or become more diverse.



Figure 5.21 - Area M, Structure 34 F. 215, an horno



Figure 5.22 - Area X, Structure 31 F. 223, an horno

Consistency in certain crucial household practices indicates some continuity in the use of domestic space. Fixed and semi-fixed features associated with food preparation and mortuary ritual were incorporated into the house throughout its use life by multiple generations of occupants. By continuing to choose analogous spaces for these activities, they produced and reproduced certain social norms and behaviors (Bourdieu 1973, 1977; Rapoport 1990a). Further, the inclusion of some of the same fixed features from one occupation to the next indicates the importance of these elements to concepts of domestic space.

House Capacity Estimates

In addition to organization of household activities and movement through the house, architecture holds clues about the number of people and the potential for interaction within defined space. It can be difficult to estimate the number of people living in a particular house. Most methods for estimating capacity produce numbers that overestimate the number of occupants, but an assessment of room capacities can provide a starting point for addressing how many participants may have been involved in activities in a given space. Modern architectural standards allow for 3.4 people per m^2 when standing and 1.9 people per m^2 when seated (Neufert and Neufert 2000:16-17). However, room capacity often depends on more than just floor space. The number of exits and windows can limit light, air circulation, and influence the comfort and safety of a room for a given number of occupants. Houses are the contexts for a diverse array of activities involving different body positions (reclining, standing, kneeling, seated) and thus requiring different amounts of space. One method for estimating house population is using personal sleeping space requirements. These can range from 1.24-1.77 m^2

depending on the height of the individual (Birch-Chapman et al. 2017:4; Hemsley 2008:131). These estimates should avoid spaces with furniture or features.

For Area X's Structure 31, spaces by eliminating the patio spaces and rooms with clear obstacles, show the house could have slept up to about 67 people; however, only about 80% of the house was preserved, so this number could be as high as 84. For Structure 30, the estimate is 26. For Area P's, Structure 50, the sleeping space estimate is 117 people. For Structure 9, the estimate is 23. I calculated sleeping space by eliminating patio spaces and rooms with clear obstacles. These estimates are meant as a conceptual tool. It is not currently possible to know how many rooms were used for sleeping at any given time. It is likely that certain rooms were used for storage and others for special or specific purposes the made them unsuitable or unavailable for sleeping.

Patios were multi-purpose spaces and always the largest interior spaces the house. They were unroofed and thus not included as a potential sleeping space. It is probable that the patio was one of the only spaces in the house that could accommodate the entire household group and almost certainly the only space that could hold occupants plus a substantial number of outside visitors. Based on modern architectural standards and the understanding of the patio as a relatively open, unroofed space, in houses with 1 patio at El Palenque, that space could potentially accommodate up to 45 people seated 77-85 standing. In the 2 patio houses, the smaller patio could accommodate 54-77 people seated and 97-137 standing. The larger patio could hold between 84-201 seated and 150 and 360 people standing. Patio spaces had the potential to hold many more people than likely lived in the house.

Conclusions

An examination of house construction, the size and shape of interior spaces, and the configuration of rooms demonstrates both change and continuity in household life at the Tilcajete sites. Building materials remained constant but building techniques reflect an increased investment in cut-stone masonry. Room size and shape also remained the same. The locations of certain fixed and semi-fixed features associated with food preparation indicate that domestic activities may have been carried out in a similar way and in similar spaces at both occupations.

However, a major change does occur in the overall configuration of rooms within the house. The new layout of domestic spaces at El Palenque included 1-2 central patio spaces. This new floor plan also meant that the majority of rooms were accessed from the patio, so people would have needed to traverse a central space to enter most rooms. There was potential to monitor movement through the house and coordinate domestic activities. The presence of grinding stones, burned ceramics, and other domestic debris on these patios supports the argument that they were important sites for domestic activities probably involving multiple household members. The size of patios indicates they may have been crucial for communal activities involving most or all household members as well as outside visitors. This was supported by the investment in the architectural embellishment of patios including features like pavements, stairs, and diagonal walls.

The change in domestic architecture occurs at the same time as changes in public and ceremonial architecture (Redmond and Spencer 2008, 2013, 2017; Spencer and Redmond 2004b, 2005). This indicates that household size, composition, and the organization of household labor underwent significant transformation. These changes

coincide with an episode of independent state formation at Tilcajete. Notably, similar changes have been reported in houses at Monte Albán. Remnants of houses from the site dating to Early and Late Monte Albán I seem to show an increase in formal and structured use of space and standardization in size and layout (Winter 1974:984). Changes observed at both the Tilcajete sites and Monte Albán support the proposition that the social macroevolutionary changes associated with state formation will affect and involve all levels of society. Households are neither unaffected nor passive respondents to change in the political sphere or the elite socioeconomic strata. Changes in public buildings occurred at the same time that residents were investing resources and labor in the construction of large, well-planned houses that remained relatively unaltered during their occupation. The emergence of more formal public buildings with more internal divisions reflects new state institutions, and the emergence of more formal houses with reorganized interior space reflects a major change in the institution of the household.

Chapter 6 - Mortuary Practices and Ancestor Veneration in Household at Tilcajete

Mortuary practices are expressions of both social ideals and realities. Archaeologists have long recognized the potential of mortuary archaeology to contribute to our understandings of social inequality (Binford 1971, Childe 1945; Kroeber 1927; Saxe 1970). Subsequent investigations expanded the scope of mortuary studies to encompass the complex relationship between the living and the dead expressed through elaborate, multi-stage funerary and commemorative rituals (O'Shea 1984; Parker-Pearson 1993; Shanks and Tilley 1982). Archaeologists recognize that mortuary rituals are conducted by and for the living. They can involve large or limited numbers of people, take place in highly visible or restricted places, and they can be multi-stage, unfolding over days or generations. The choices made by the living produce a highly variable and complex mortuary record that relates to but does not simply reflect social organization (see Brück 2004a, 2004b, 2006; Cannon 1989; Cerezo-Roman 2014; Fowler 2005; Keswani 2004; Kuijt 1996, 2000, 2008; Quinn and Beck 2016). To analyze these complex rituals, archaeologists look at body treatment, context of burial, burial architecture, offerings, and the nature of reopening, revisiting, and commemorative rituals.

A key principle in mortuary archaeology is the notion that not all individuals are buried. The mortuary record is generally a limited sample of the ancient population. The

rules defining who is eligible for burial and under what circumstances are shaped by social, political, and economic processes operating in society. Inheritance of resources and authority is one major factor in determining who is eligible for burial (McAnany 1995). Death marks the transition from one generation to the next and results in the transmission of knowledge, rights/privileges, resources, and property. Mortuary rituals mark these occasions and serve as the context for these significant social transitions (McAnany 1995; Van Gennep 1960). The individuals buried during these rituals may also take on significance as ancestors. Mortuary practices and rituals are useful archaeologically for understanding the nature of property and authority in ancient societies (Buikstra and Charles 1999; Connerton 1989; Kuijt 2001; Parker Pearson 1999; Philip 2003).

Bioarchaeological methods are used to better understand the life histories of the individuals recovered, or, to begin to untangle "who is eligible for burial". The mortuary record is just a portion of the living population, and burial populations are not static reflections of living populations. Certain groups are more vulnerable at particular points in a life trajectory. We would generally expect a burial population to have larger numbers of the very young and those of advanced age (Acsádi and Nemeskéri 1970; Weiss 1973). Deviations from this sort of inverse curve are indicators of possible criteria for inclusion in the mortuary record. The data presented in this chapter include excerpts from bioarchaeological analyses performed by Sofía Pacheco-Fores (Pacheco-Fores, n.d.).

In this study, I examine residential burials from the Tilcajete sites (El Mogote and El Palenque) to determine the nature of mortuary ritual during the emergence of the state. I examine body treatment including the position of the body, the orientation of the body

and grave, and evidence for processing before or after burial. I begin by situating burial data from both occupations of the Tilcajete sites in the context of data from sites in the Valley of Oaxaca occupied during the Formative period. I discuss changes in the mortuary population and argue that ancestor veneration played an increasingly important role in household ritual during the formation of the state. Female individuals are selected at higher rates for ancestor veneration during state formation, reflecting a need for more flexible kin systems, postmarital residence rules, and inheritance during time of sociopolitical reorganization.

Mortuary Practices in the Valley of Oaxaca

To provide an interpretive framework for patterns identified at the Tilcajete sites, I examine data from eight sites occupied across the entire Formative period sequence in the Valley of Oaxaca. These sites include large centers such as the Tilcajete sites (El Mogote, El Palenque, SMT-23), San José Mogote, Huitzo, and Monte Albán as well as smaller secondary and tertiary centers like Santo Domingo Tomaltepec, Fábrica San José, and Tierras Largas (Drennan 1976; Elson 2007; Flannery and Marcus 2005, 2015; González Licón 2003; Redmond and Spencer 2008; Spencer and Redmond 2003; Whalen 1981, 1988a, 1988b; Winter 1972; Winter et al. 1996). For a more detailed discussion of these sites see Chapter 3. The Formative Period began with sedentary villages around 1500 B.C. and ended with the formation and consolidation of a state at Monte Albán in A.D. 200 (Flannery 1976, 2002; Kowalewski et al. 1989; Marcus and Flannery 1996; Spencer 2009, 2010; Spencer and Redmond 2001, 2004). During this nearly 2000-year period, the rate and scale of social, political, and economic change was unprecedented and the results shaped the trajectory of Zapotec society for centuries to come. The

Formative period also marked the beginning of the mortuary record in the Valley of Oaxaca where both residential and cemetery burial were practiced from the earliest phases (Whalen 1981; Winter 1972).

In this section, I will discuss the demographics of the burial population, specifically the increasing representation and differentiation in the treatment of children. I will also discuss the origins and development of primary successive burial practices. I argue that primary successive burials with multiple individuals may represent ancestor veneration associated with the emergence of an bilateral and bilocal kinship system where the extended family household is the most significant social unit (Ensor 2013; Flannery 1972, 2002; Kuijt 2018). This kinship system coincides with the standardization of the patio or courtyard house and the increase of social complexity and political centralization. Household ancestors were important in marking the transmission of resources and property across generations and crucial to the identity of households as significant social units (McAnany 1995).

Demographic Trends

Table 6.1 - The demographic profile of the burial population during the Formative period

Chronological Period	Children	Adults (Female)	Adults (Male)
Early Formative (1500-850 B.C.)	17%	32%	30%
Middle Formative (850-300 B.C.)	25%	30%	28%
Late Formative (300-100 B.C.)	28%	26%	21%
Terminal Formative (100 B.C.-A.D.200)	45%	14%	22%

There was a gradual increase in the percentage of children in the burial population from the Early Formative period (1500-850 B.C.) through the Late Formative period

(300-100 B.C.) (see Table 6.1). This could be due to better preservation in more recent phases, although the percentage of children increased dramatically in the Terminal Formative period, more than would be expected from preservation alone. This increase in children in the burial record could indicate changing demographics of the living population. Population in the Oaxaca Valley was increasing throughout the Formative period, peaking in the Late Formative period and remaining relatively stable between the Late and Terminal Formative periods. The most rapid increases occurred during the Middle Formative period and the transition to the Late Formative period (Kowalewski et al. 1989).

However, the increase in children in the burial record comes after the period of most rapid population growth. The percentage of children in the burial record remains relatively stable during the growth period. This may indicate that the changing make up of the burial population in the Terminal Formative period may be the result of the selection of more children for burial rather than natural population growth. The increased selection of children for inclusion in the burial record is one of the most visible changes during the entire Formative period. This rapid increase in the number of children buried coincides with the consolidation of state power at Monte Albán and may be related to elite or high-status practices of burying their offspring. The formation of the state occurred at the transition from the Middle to Late Formative, following a period of conquest (Redmond and Spencer 2006, 2013; Spencer 2009, 2010; Wright 1977). The shift in burial demographics to include more children may be the result of changing notions about the identity, membership, and role of children in households (Roth and Baustian 2015; Sillar 1994).

Multiple Burials

Table 6.2 - Prevalence of burials containing multiple individuals or a single individual

Chronological Period	Single	Multiple	Indeterminate
Early Formative	71%	25%	4%
Middle Formative	63%	35%	2%
Late Formative	36%	64%	
Terminal Formative	59%	41%	

Burials containing multiple individuals are common throughout the Formative period and found at most sites. They become increasingly common, peaking in the Late Formative period (see Table 6.2). Tracing the development of multiple burials through time demonstrates the antiquity of this practice. It began in the Early Formative period and is found in both cemetery and residential burial contexts and continues in subsequent phases. While multiple burial is only briefly the most common burial practice, it takes on an increasingly prominent role. Multiple burials can be created by a number of different behaviors including the (1) simultaneous primary burial of more than one person (2) the successive but primary burials of one or more individuals (3) the secondary burial of multiple individuals (4) a combination of any of these practices. The earliest multiple burials are overwhelmingly combination burials. However, primary successive and primary simultaneous increase steadily over the course of the Formative and take on a relatively significant role. In this section, I argue that multiple burials are evidence of ancestor veneration. Changes in the practices used to create multiple burials and in the individuals selected for these burials are indicative of changing criteria for household ancestors.

At Tilcajete in the Late Formative period, a pattern of cists containing multiple individuals created through primary successive burial emerged as a common feature in multiple households from different areas of the site (see Table 6.3). This is not the earliest or only example of this practice. The first evidence for primary successive burial practices dates to the Early Formative and is found at the Tomaltepec cemetery (Whalen 1981). This practice is relatively rare in early multiple burials but becomes the most common practice during the Terminal Formative period when it is associated with tombs (Middleton et al. 1998). All multiple burial practices, except primary simultaneous, indicate post-burial interaction with the deceased individual. This sort of protracted mortary ritual is associated with ancestor veneration (McAnany 1995).

Table 6.3 - Frequency of mortuary behaviors associated with multiple burials

	Early Formative	Middle Formative	Late Formative	Terminal Formative
Primary simultaneous	2%	5%	7%	9%
Primary successive	4%	11%	10%	19%
Secondary	0	5%	0	2%
Combination	20%	15%	43%	11%

Table 6.4 - This table examines all individuals found in multiple burials showing what percent are identifiable as are females, males, and children

		Female	Male	Child	INDET
Early Formative	Multiple	25%	39%	7%	29%
	Single	36%	29%	21%	14%
	Total for phase	*32%*	*30%*	*17%*	*21%*
Middle Formative	Multiple	16%	36%	32%	16%
	Single	36%	26%	22%	16%
	Total for phase	*30%*	*28%*	*25%*	*17%*
Late Formative	Multiple	36%	21%	28%	15%
	Single	9%	23%	27%	41%
	Total for phase	*26%*	*21%*	*28%*	*25%*
Terminal Formative	Multiple	21%	32%	32%	15%
	Single	10%	16%	54%	20%
	Total for phase	*14%*	*22%*	*45%*	*19%*

Table 6.5 - This table examines all identifiable adult female or male individuals and shows which percentage are found in multiple vs. single contexts

Chronological Period		Female	Male	Children	Total
Early Formative	Multiple	17%	32%	11%	25%
	Single	83%	68%	89%	71%
Middle Formative	Multiple	20%	46%	45%	35%
	Single	80%	54%	55%	63%
Late Formative	Multiple	88%	62%	65%	64%
	Single	12%	38%	35%	36%
Terminal Formative	Multiple	60%	58%	29%	41%
	Single	40%	42%	71%	59%

In the Early Formative period, single burial is most common (see Table 6.2). In multiple burial contexts, males are found more frequently than females and subadults (see Tables 6.4 and 6.5). When comparing with the general demographics of the burial population, males are found in multiple burial contexts more than would be expected. It appears they are preferentially selected for this type of burial.

In the Middle Formative period, single burial is still the most common but with slight decrease from the previous phase. Within multiple burial contexts, males are still more common and more likely than expected. Females are more commonly found in single burials. In this phase, children become more common than expected in multiple burial contexts. This indicates that males and children are selected for multiple burial while females are selected for single burial.

In the Late Formative period, multiple burial becomes the most common practice for the first time. In the context of multiple burials, females are most frequent and occur at a rate significantly higher than expected. This is a significant change from the previous phase. It may appear so drastic because this is the phase with the smallest sample size. Males and children are found in both multiple and single burials at approximately the same rate.

In the Terminal Formative period, single burial becomes the most common practice again but at a lower rate than any previous phase. In the context of multiple burial, males are most common but adults of both sexes are found at much higher rates than expected. Children are overrepresented in single burials. This marks the first time that children are treated differently than adults in a consistent way.

These temporal changes in the context and nature of multiple burial are related to changes in who is eligible to become an ancestor. The earliest examples of multiple burial from the Tomaltepec cemetery date to the Early Formative period and generally involve men buried with secondary burials of one or more individuals. This early pattern found in a cemetery context may indicate more about status (political or economic) of these individuals in their community (Whalen 1981:52). However, later multiple burials associated with residential contexts created through combination and primary successive burial indicate the importance of certain individuals to the protection and transmission of household property and resources. Ultimately, multiple burials created through primary successive interment become most frequently associated with tombs in the Classic and Postclassic periods (Middleton et al. 1998). Tombs are often used as evidence for the importance of ancestor veneration (Acosta and Romero 1992; Flannery 1983:134-5; Lind and Urcid 1983; Marcus 1983:143; Miller 1995; Paddock et al. 1968; Romano 1974; Sempowski and Spence 1994). However, it is clear from the Formative period data, that ancestor metamorphasis and the practice of reopening graves predates the earliest tombs by centuries.

Burial Practices at El Mogote

The earliest occupation at El Mogote dates to at least 700 BC and continued to 300 BC when this area was abandoned following a raid perpetrated by a rival chiefly polity. El Mogote consists of a 2.2 ha civic ceremonial core and approximately 52.8 ha of residential occupation (Spencer and Redmond 2005:175). It is 800m downslope from the later El Palenque occupation. All data presented below from El Mogote were excavated in 2014 by the author.

Area M is located approximately 50 m east of the plaza and includes Structures 33, 34, and 35. It was likely residential but may also have had some special purpose due to its proximity to the temple complex on the eastern edge of the plaza. *Area N* is located 70 m north of the plaza and it contains the remains of Structure 36. It is a flat area with no discernible mound.

Area M, Structure 33

Structure 33 was an elaborate residential structure that covered approximate 225 m^2 and was built of small stone cobbles, adobe bricks, and wattle and daub walls. It was built directly above the Structure 34 platform immediately following its destruction. Structure 33 was more ephemeral than the Structure 34 platform. Structure 35/F.212 is a burial facility associated with the Structure 33 residence that contained Burial 22. There were two burials associated with this structure, Burial 21 and Burial 22.

Burial 21 Description

B.21 is in a simple pit located north of Structure 33 in an activity area with a number of hornos. The pit appears to have been dug into a burned exterior surface (gray and red). The fill is somewhat compact. We first uncovered the face-down jar rim, ribs, and feet (see Figure 6.1). When we removed the jar and feet, we exposed a hand, partial lower arm bone and a rock. Below the hand, we uncovered pelvic bones, ribs, lower arm and leg bones. Below these, we found another foot (see Figure 6.2 and 6.3).



Figure 6.1 - Photo of Burial 21 showing the offering placement

If this is a secondary burial, it is unusual that the missing elements of B21-1 were larger elements (both femora and the left lower leg) and that the hands and feet of B21-2 were articulated. This appears to be either a primary burial of a person who was disarticulated before burial or a secondary burial that was moved before it was completely skeletonized.

Burial 21 contains the partially articulated remains of a minimum of two individuals. Preservation of recovered skeletal elements ranges from fair to poor. **B21-1** is mostly complete, missing only the right and left femora, as well as the left tibia and fibula. **B21-1** is a young adult female. The age at death is between 18-29 years. **B21-2** is a right hand and right foot, although it is unknown whether both of these extra elements are from the same individual. **B21-2** is of indeterminate sex. The age at death is between 14-18 years.



Figure 6.2 - Photo of Burial 21 showing the pelvis and long bones

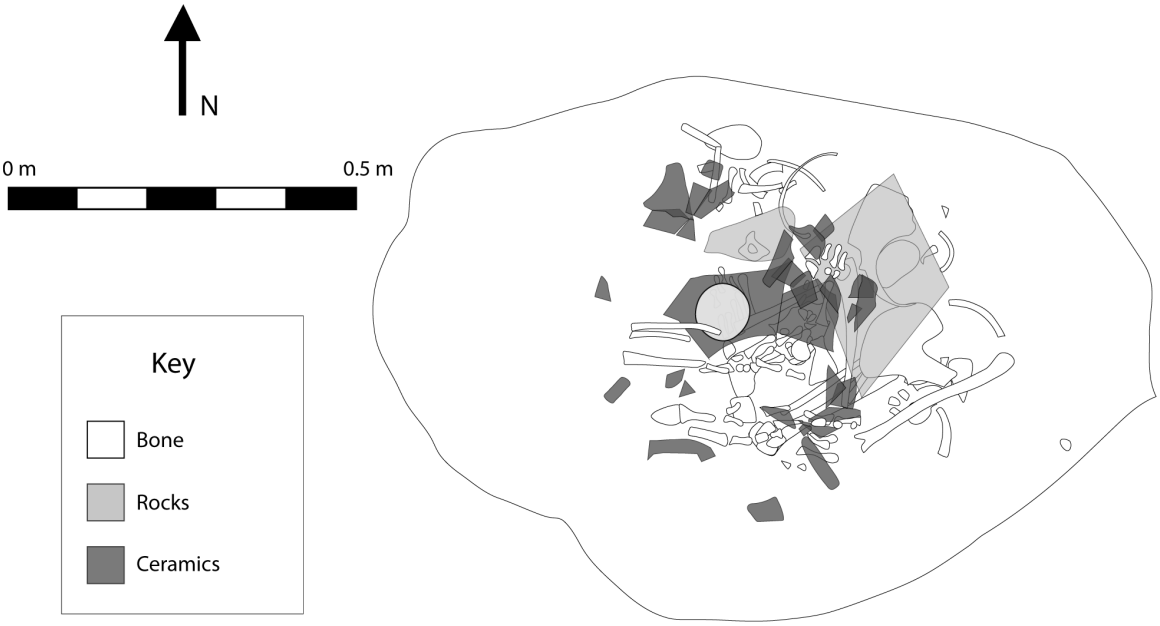


Figure 6.3 - Plan map of Burial 21

Burial Offerings

V.1 is a thin-walled gray olla (see Figure 6.4 and 6.5)

V.1 on top of the bones, face down (see Figure 6.1 and 6.3)



Figure 6.4 - Vessel 1



Figure 6.5 - Vessel 1 profile view

Structure 35 Burial Facility Description

Architectural Layout

Structure 35 was a burial facility, a stone masory tomb, associated with the Structure 33 house and had the same orientation, N18ºE (see Figure 4.2). The Structure 35 tomb had three sections: an entrance, antechamber, and chamber (see Figure 6.6). The

entrance was short and narrow and contained three steps. The first two steps are packed earth and were distinguishable from one another by soil color. The first step was a yellow/brown much like the fill in and around Structure 33, and the second step was red packed earth and appeared to have been burned. The last step was stone and was part of the perimeter of rectangular blocks that linesdthe base of the antechamber like baseboard molding. The entrance walls were constructed in the same style as the antechamber: large, shaped stone blocks surrounded by smaller, brick-sized stones. The entrance was likely unroofed, because the relatively small upper stones were not robust enough to support capstones.

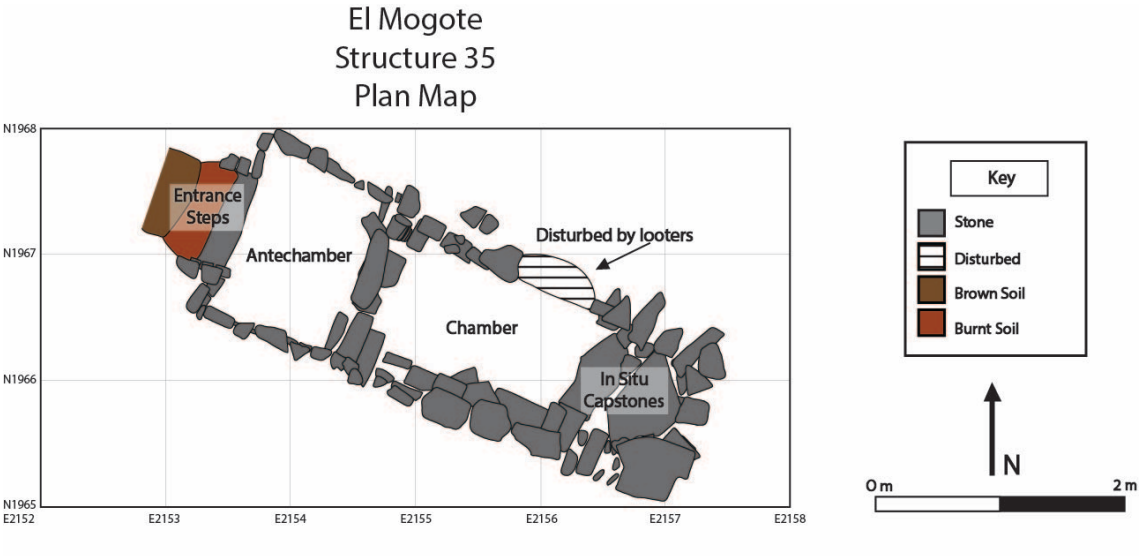


Figure 6.6 - Plan view of Structure 35 tomb

The antechamber was constructed using large shaped stones surrounded by small, brick-sized stones (like the entrance). The north wall had a small niche that had traces of red paint. The basal perimeter of the antechamber was lined by rectangular stone blocks (like baseboard molding). On the west side, these stones served as the step from the entrance down into the chamber, on the east side, they served as a threshold and support

for the doorway into the chamber. Along the top of the chamber walls were a series of flat, inward-slanting rectangular stones that acted as supports for a vaulted roof. The capstones of the roof were not in place. The antechamber contained subfloor offerings of animal bone and ceramics. The southwest corner of the antechamber contained a complete gray outleaned wall bowl with a direct rim with a partial bowl (incised on the exterior). The northwest corner contained the remains of two smashed vessels. The northeast corner contained a partially articulated animal skeleton associated with a partial miniature. On the east side of the tomb, next to the threshold, was an offering of 13 miniatures (a combination of copas and plates). None of these offerings was particularly diagnostic, so it was difficult to tell whether they were made during the Formative period use of the tomb or during the Postclassic period reopening episode.

The chamber differed in construction from the antechamber in several ways. It was constructed using primarily large, shaped stones with relatively few small or brick-sized stones. The chamber was not as wide as the antechamber, and it narrowed even more on the eastern end, giving it an almost trapezoidal shape. Its roof was flat (not vaulted), and the two easternmost capstones were found in situ. The chamber lacked a foundation of rectangular stone blocks. The chamber had two niches, one on the east wall and one on the south wall. It may have had a third niche on the north wall, but this wall was the most severely damaged during the reopening episode. The chamber contained human and animal bone and a small number of ceramics. Some of the animal bone was partially articulated and likely represents intrusive burrowing animals. However, on the chamber floor, a deer mandible was found alongside disarticulated human remains. The human bone was disarticulated, fragmentary, and poorly preserved. The majority of

Structure 35's contents were removed when the tomb was reopened in the Postclassic period, so mainly ribs and digits remained. The bone fragments were found mixed in with rocks and rubble form the collapsed wall and roof. The most complete element recovered was a human mandible and a long bone fragment. Five partial miniatures were recovered from the mixture of rubble and bone. They were identical to the miniatures found in the antechamber offering.

Re-opening of the Tomb (F. 212)

Structure 35 was reopened in the Postclassic period. They dug a pit into the north wall of the chamber (Feature 212). It contained black ash, rocks taken from the walls and roof, and Period V hemispherical bowl fragments. The looters broke into the roof and north wall of the chamber, severely damaging the structure (see Figure 6.7). All roof capstones were removed except for two on the eastern end of the chamber. During this looting episode, the majority of the contents were removed except for some bone fragments and miniatures. After the looters removed the contents, they threw the stones robbed from the roof and wall back into the chamber and antechamber and filled the structure with soil and ash. We did not recover any contents or offerrings dating to the Formative period in or near the tomb.

Table 6.6 - Structure 35 burial facility description

Room Type	Dimensions (North-South x East-West)	Floor/Surface (Elevation and Type)	Description (Architecture, contents, and preservation)
Entrance	1.0 m x 0.3 m	**Step 1:** 94.89 m, yellow/brown packed earth **Step 2:** 94.75 m, burnt, red packed earth **Step 3:** 94.28 m, stone	The entrance is a short, narrow stone opening with two earthen steps (distinguishable by soil color) and one stone step. The entrance has the same architectural style as the antechamber with large, nicely shaped stones surrounded by small brick-sized stones. The entrance was likely unroofed.

Room Type	Dimensions (North-South x East-West)	Floor/Surface (Elevation and Type)	Description (Architecture, contents, and preservation)
Antechamber	1.6 m x 1.2 m	**Floor:** 94.22 m, gray/brown packed earth **Subfloor offering:** 94.11 m	The entrance opens up to the antechamber, built with large, cut stones surrounded by small, brick-sized stones. It has a small niche on the northern wall which had traces of red paint. The antechamber base is lined with rectangular stone blocks (like baseboard molding). This is the only section of Structure 35 with a finished base (the chamber does not have this). Along the top of the antechamber are large inward slanting stones. They likely supported a vaulted roof. However, the majority of the Structure 35 roof was removed by looters. The antechamber is separated from the chamber by a small doorway with a stone threshold. This doorway was blocked with a large stone and sealed. Because the looters broke in through the north wall and roof, the door-stone was still in place. Several offerings were found below the antechamber floor: a complete and partial gray bowl in the southwest corner, a smashed vessel in the northwest corner, a partially articulated animal skeleton and partial miniature in the northeast corner, and an arrangement of miniature copas and plates on the east side near the threshold stone. None of the offerings contained clearly diagnostic pottery, so it is difficult to tell if they were deposited during construction or use of the facility or by the Postclassic looters.

Room Type	Dimensions (North-South x East-West)	Floor/Surface (Elevation and Type)	Description (Architecture, contents, and preservation)
Chamber	1.5 m x 2.8 m	**Floor:** 94.22 m, gray/brown packed earth	The chamber architecture differs slightly form the entrance and antechamber. It was constructed primarily with large, shaped stone blocks. Unlike the antechamber, the roof of the chamber was flat. The two easternmost capstones were found in situ. Unlike the antechamber, the chamber walls did not have a stone perimeter (no stone baseboard molding). The chamber is rectangular, but narrows slightly in the eastern end. The chamber had 2 niches (one on the east and one on the south). It may have had a third niche on the northern wall but it was severely damaged during the looting episode. The chamber contained human and animal bone. Some partially articulated animal bone was found at high elevations in the chamber and may represent intrusive burrowing animals. However, on the chamber floor, scattered human remains and a deer mandible were recovered. The human remains were highly fragmentary, disarticulated, and mixed in with rockfall from the collapsed roof and walls. Some partial miniature copas (like those in the antechamber) were recovered near the disarticulated bone.

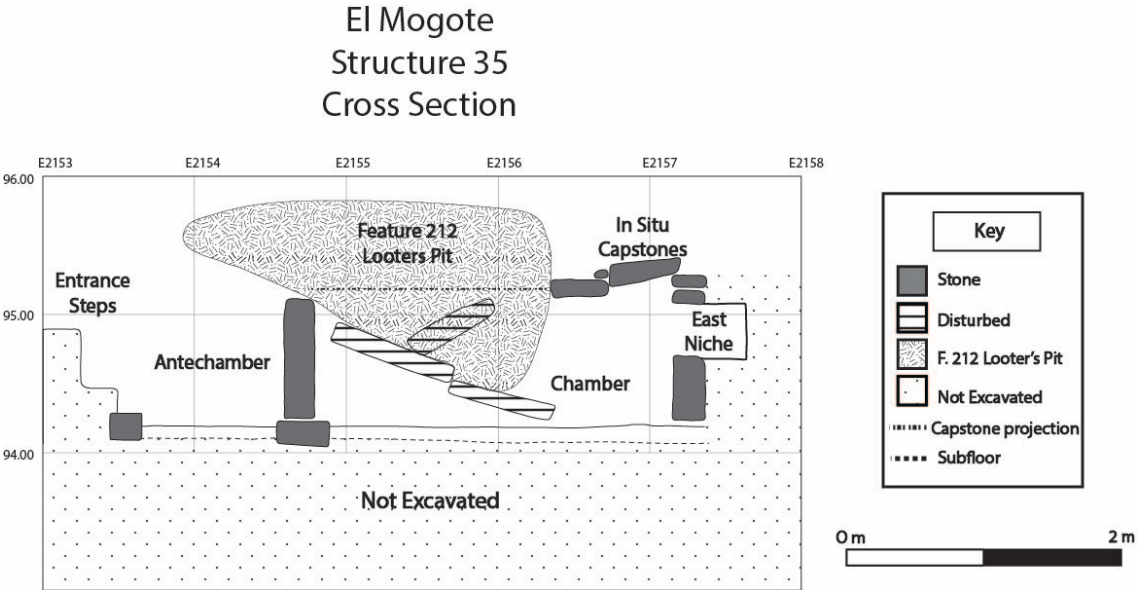


Figure 6.7 - Cross Section of Structure 35 showing damage from a reopening or looting episode

Burial Offerings

Table 6.7 - Structure 35 burial accompaniments descriptions

Offering Number	Description
V.1	G3M miniature convex wall bowl
V.2	V.2 Café miniature bowl
V.3	Gray miniature copita
V.4	Gray outleaned wall bowl with direct rim
V.5	Café olla base with incising or impressions
V.6	Gray miniature copita with 2 appliques
V.7-V.8, V.19	Gray miniature copitas with 3 appliques
V.9, V.11-14, V.20	Gray miniature plate
V.10	Gray miniature plate with applique
V.15-17	Gray miniature copita with 3 appliques
V.18	Gray miniature plate with applique and red paint
V.A	2 Café sooted sherds and 1 brushed olla body
V.B	1 Gray miniature plate with applique (refit with sherd near V.D)

Offering Number	Description
V.C	Café sooted olla body
V.D	G3M convex wall bowl
	Animal bone
	Stone bead
	Groundstone mano fragments



Figure 6.8 - Photo showing antechamber offering placement and bone scatter in the chamber

Offering Placement

V.1-3, stone bead, mano fragments, and animal bone were found in the fill of the antechamber. V.4-20 were arranged in the antechamber to the west of the door leading to the chamber (see Figure 6.8). V.A was in the center of the antechamber, just west of the offering of miniatures V.B and C were smashed and found on the north wall/NW corner of the antechamber V.D was in the SW corner of the antechamber.

Burial 22 Description

Burial 22 is all of the human bone found in the Structure 35 tomb. The bone was found in 2 layers. The first layer of bone was mixed with collapsed wall stones. The second concentration of bone was found directly underneath the final layer of rockfall and likely represents the floor of the tomb (see Figure 6.9). The largest identifiable bone is a robust mandible. There was more bone near the chamber entrance, likely the result of reopening or disturbance.



Figure 6.9 - Photo showing bone scatter on the tomb floor in the chamber, including the mandible along the north wall.

A number of deposits of animal bone were found. Some may be fairly recent (possibly intrusive burrowing animals), but others may have been left by those who re-entered the tomb, or, in other cases, they may be part of the original tomb.

Burial 22 contains the disarticulated remains of one individual. Representative sections of all parts of the skeleton were present, with the exception of the os coxae and femora. The skull is fragmented although dentition is well preserved. Most recovered skeletal elements are poorly preserved and fragmented. **B22** is likely an adult male over 21 years of age (Pacheco-Fores, n.d.). It is difficult to definitively assign the individual to any phase without direct dating. It is possible that this individual was placed in the tomb during the Middle Formative. But, it is also possible they were interred during the Postclassic reopening of the tomb.

Summary: Area M Structure 33

There are two burials associated with Structure 33 that likely date to the Formative period (Burial 21 and Burial 22). The burials located in this area support the interpretation of this space as both residential and ritual. As discussed in Chapter 4, Structure 33 is a high-status residential structure located immediately east of the central plaza and behind an early Monte Albán I temple structure. While this area is likely residential, it may have had a connection to the temple complex and ritual activities conducted in the civic-ceremonial core (Redmond and Spencer 2008, 2017).

Burial 21 may be a dedicatory burial consistent with others found in ceremonial contexts. Dating of the associated ceramics were ambiguous, but the grave did not appear to be intrusive into the mound. ^{14}C dating is necessary to conclusively date this burial. Burial 21 is likely secondary due to disarticulation of certain skeletal elements. The burial lacked evidence of femora, another indicator of processing after death or burial. The secondary nature of this burial in addition to the relatively young age of the individual are interesting parallels with burials found at San José Mogote in Mound 1, Zone F. These

secondary burials of adolescents and young adults are placed in between two construction layers and may serve as dedicatory offerings (Flannery and Marcus 2015:89-104).

Burial 22 and Structure 35 (the tomb) are indicative of the residential function of this structure. The tomb itself was remarkably elaborate and among the earliest tombs with multiple internal divisions (pending dating). Tombs eventually became a standard feature, located in the patio of residences by the Classic period. Tombs are often referred to as family mausolea. They were reopened and new individuals are added, a behavior known as primary successive burial (Middleton et al. 1998). In addition, tombs were associated with increasing social stratification and the growing role of ancestor veneration in household ritual practice.

The Structure 35 tomb contained evidence of just one individual, but it is difficult to say conclusively because the tomb was emptied sometime during the Postclassic period. This is the only tomb discovered to date at either occupation of the Tilcajete sites; however, when considered with the cist burials from El Palenque, it may be part of a longer tradition of ancestor veneration. Although the offerings were removed from the tomb, all elements of the individual were recovered except for the femora. This indicates that the tomb may have been reopened and the femora removed as part of continuing mortuary rituals. The association of the tomb with the later and more ephemeral Structure 33 may indicate the transformation of this space into a more exclusively residential structure.

Both Burial 21 and 22 have evidence for secondary mortuary ritual. Burial 21 is likely an example of a reburial where a body was moved at least once before its final deposition. Burial 22 is an example of a reopened burial. Both individuals were missing

femora. The removal of certain bones, particularly femora, is associated with ancestor veneration as a source of legitimacy for positions of authority (Feinman et al. 2010; Klein 2002; Marcus 2006).

Area M Structure 34

Structure 34 was a 3m tall stone platform directly underneath Structure 33. It supported an elaborate residence that was at least 200 m^2. Burials 23 and 24 were burials associated with this structure, but they likely date to the Postclassic period rather than the Middle Formative period. They may be part of a pattern of Postclassic reuse of significant Formative and Classic period sites for ritual purposes (Spencer and Redmond 2015).

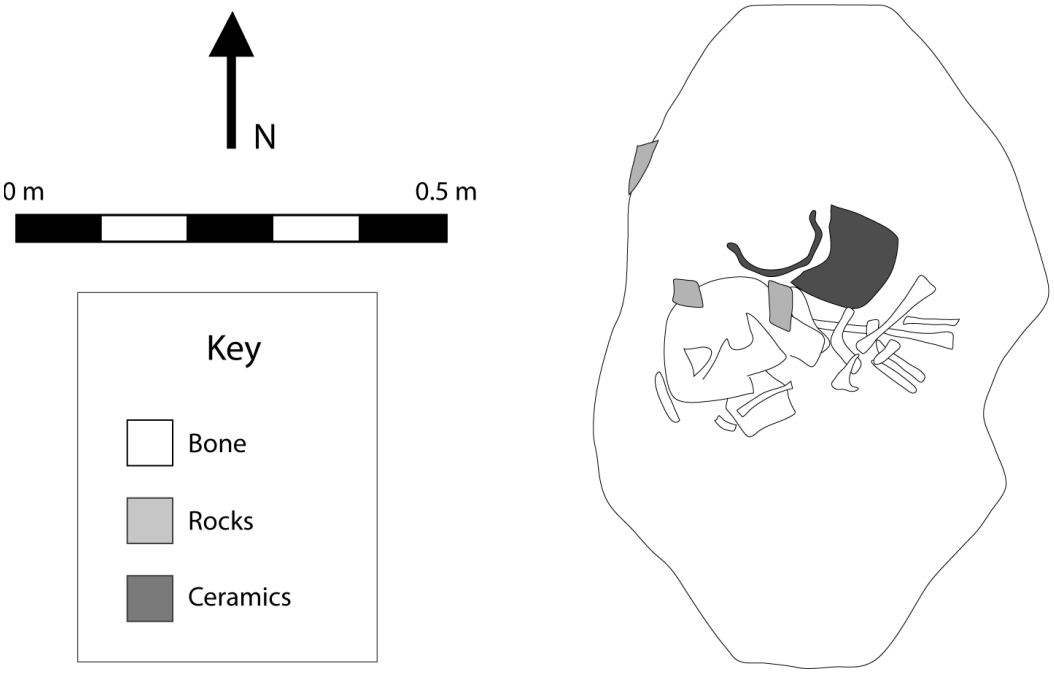


Figure 6.10 - Plan map of Burial 23

Burial 23 Description

B23 was located in the plow zone and suffered significant damage making the body position difficult to discern. We first uncovered the grave goods and skull, all damaged by the plow. The skull appears to have been facing east (see Figure 6.10 and 6.11). Below the skull and vessels, we exposed the mandible and several fragmented long bones (see Figure 6.12). While direct dating is necessary, the darker fill in and around the burial indicated it is intrusive into the Formative period mound.



Figure 6.11 - Burial 23 showing Vessels 1 and 2 and skull fragments



Figure 6.12 - Bones under vessels and skull

Burial 23 contained the partial remains of one individual (a tibia and fibula are missing). Overall, preservation was poor. B23 was likely 7-8 years old (±2 years) at death. Sex was not assessed for B23, as the secondary sexual characteristics used to estimate sex do not develop until late adolescence (Pacheco-Fores, n.d.).

Burial Offerings

V.1 Gray composite silhouette bowl of small size (see Figure 6.13)

V.2 Gray cylindrical vessel (see Figure 6.14)

Marine shell (possibly perforated)

All offerings were on top of (disarticulated/disturbed) bones.



Figure 6.13 - Vessel 1, gray composite silhouette bowl



Figure 6.14 - Vessel 2, gray cylindrical vessel

Burial 24 Description

Burial 24 was located near the northwest corner of Structure 34 and 3-4m north of B.23. The pit had a black ashy fill and was intrusive into the first layer below plow zone. The stratigraphy and offering (gray sahumador) indicate this burial was likely put into the Formative mound during the Postclassic period. There were two deposits of bone separated stratigraphically by large stones. The first layer of bone contained the lower arm and finger bones (partially articulated), one humerus, and the lower body (not articulated) (see Figure 6.15 and 6.16). When we removed the large rocks, we found ribs,

vertebrae, a humerus, clavicle, and scapula (partially articulated) (see Figure 6.17 and 6.18).

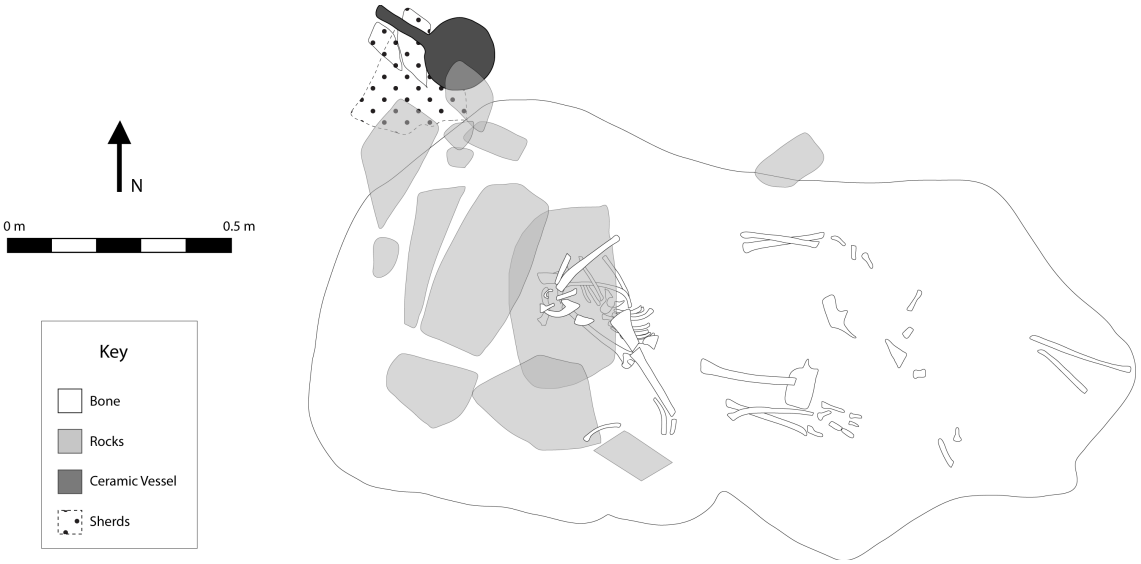


Figure 6.15 - Plan map of Burial 24

This individual was not fully articulated at the time of burial. This disarticulation seems to be the result of reburial of a still partially articulated skeleton given that the lower arms were intact above the rocks and the ribs and upper arm were in tact below the rocks. The grave was oriented east-west and the body had roughly the same orientation.



Figure 6.16 - Photo showing Burial 24.

Burial 24 contained the partially complete remains of a single individual. The thorax is represented by thoracic vertebral fragments, the right and left clavicles, scapulae, and rib fragments. Both arms were recovered, as well as the os coxae, the right leg (excluding the foot), and the left tibia and fibula. No cranium, mandible, or feet were recovered. Similarly, the left femur was not recovered. Preservation was fair to poor. B24 was likely an adult with an age-at-death of over 21 years. A more precise age range cannot be estimated given the heavy fragmentation and the lack of a cranium or dentition. Similarly, sex could not be estimated given the poor preservation of the os coxae and the absence of a skull (Pacheco-Fores, n.d.).



Figure 6.17 - Rocks separating two layers of bone



Figure 6.18 - Lower bone deposit



Figure 6.19 - Burial 24 Vessel 1



Figure 6.20 - Burial 24 Vessel 1 in situ

Burial Offerings

V.1 gray sahumador (see Figure 6.19)

V.1 was located under a rock in the northwest part of the burial pit and it sits on top of a small pavement of gray sherds (see Figure 6.20).

Summary: Postclassic secondary burials

The other two burials from Area M were intrusive into the Middle Formative period Structures 33 and 34. Burials 23 and 24 were secondary burials brought in from elsewhere, possibly the Postclassic period site on a nearby hilltop (Maragliano 2014). In addition, ceramic offerings left during the reopening of Structure 35 tomb are further indications of Postclassic mortuary activity in the Formative period civic-ceremonial core. A Postclassic temple was built directly on top of the Formative period high-status residence in Area A, on the north side of the plaza at El Mogote (Spencer and Redmond 2015).

The reburials and reopening of the tomb in addition to the building of a temple are be indicative of an attempt to establish a connection to a once powerful center (Spencer and Redmond 2015). Test pits north of the civic ceremonial core uncovered Postclassic pottery but no intact Postclassic domestic structures have been located. It appears that attempts to establish a connection and potentially assert some sort of ancestral connection was done exclusively through ritual behaviors with the temple and mortuary activities. After a centuries-long hiatus, later peoples chose to establish a connection with the site through burial rather than reoccupation.

Area N Structure 36

Structure 36 was poorly preserved, so little is known about its overall size and layout. It was at least 180 m^2 and built with stone and wattle and daub. There was one burial, Burial 25, associated with Structure 36.

Burial 25 Description

The pit was cut into tepetate (sterile clay) and covered with capstones. The grave itself is on the east side and perpendicular to a north-south wall in Structure 36, possibly part of an earlier wall.

This wall appears to have been moved or reconstructed and the earlier wall was partially removed. Some of the stones from the earlier wall may have been reused as capstones for this burial. The grave itself extends right up to the higher/later wall. The grave was possibly put in around the same time the wall was reconstructed. The individual was fully extended, supine, and oriented east-west with the head to the west (see Figure 6.21 and 6.22).

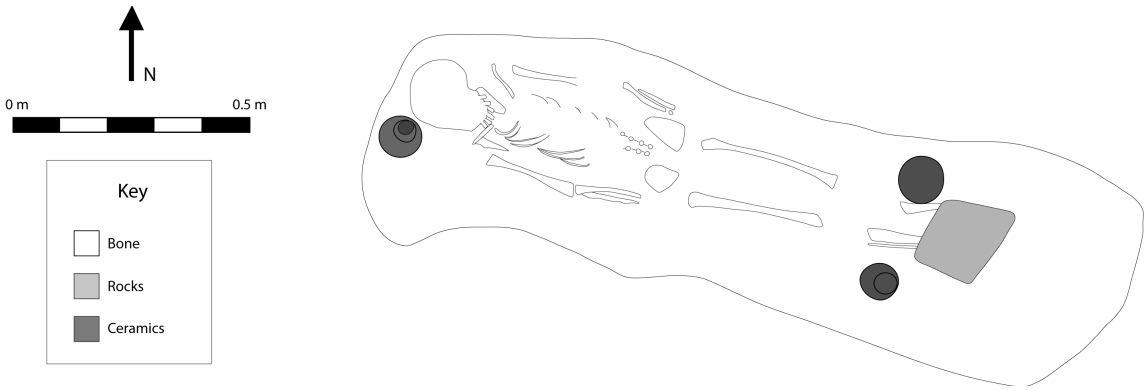


Figure 6.21 - Plan of Burial 25



Figure 6.22 - Capstones in association with the Structure 36 wall and Vessel 1



Figure 6.23 - Burial 25

Burial 25 contains the mostly complete remains of a single individual. Representative sections of all parts of the skeleton were present, with the exception of bones of the hands and feet (see Figure 6.23). All recovered remains were poorly preserved. B25 was likely 7.5-12.5 years old at death. Sex was not assessed for B25, as the secondary sexual characteristics used to estimate sex do not develop until late adolescence. B25 features multiple enamel defects on the permanent dentition (the upper central incisors and the upper right canine). These enamel defects could indicate nutritional stress, disease, or traumatic injury during enamel deposition (Pacheco-Fores, n.d.).



Figure 6.24 - Vessels 1-5

Burial Offering (see Figure 6.24)

V.1 G.15 outleaned wall bowl with break on interior rim and line with scallop incising on rim (see Figures 6.25 and 6.26)

V.2 Gray bottle/olla, possibly a G.15 olla in the form of a squash (CBA p.173-4 Fig. 127e)

V.3 Small café bowl

V.4 Gray miniature olla

V.5 Gray miniature tecomate

V.1 was face down on top of capstones (see Figure 6.22). V.2 was south of the skull. V.3 was on the north side of the burial pit near the left lower leg face down. V.4 was face up on southern side of the pit near the lower right leg. V.5 was face down inside V. 4.

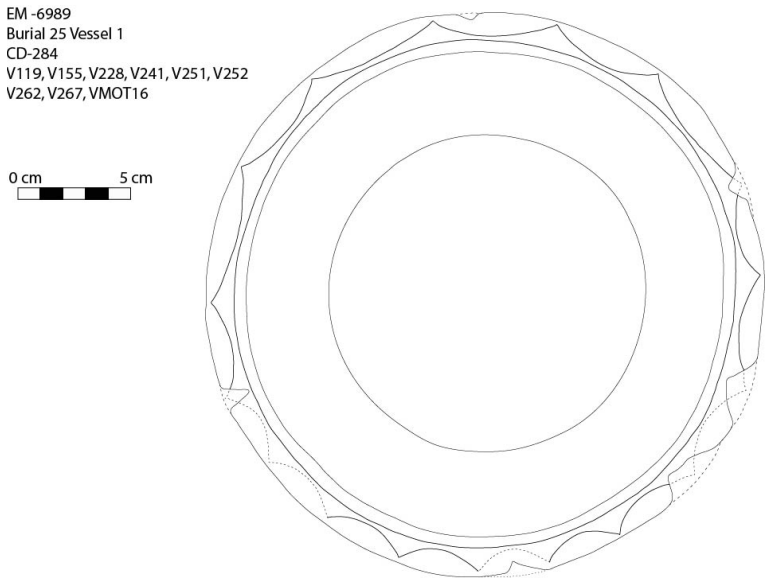


Figure 6.25 - Burial 25 Vessel 1 showing incised motif

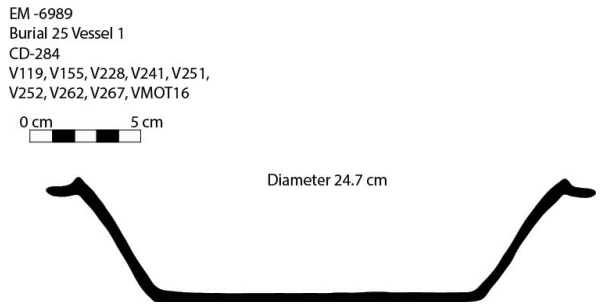


Figure 6.26 - Burial 25 Vessel 1 profile

Summary: Area N

Burial 25 is associated with Structure 36 and dates to the Early Monte Albán I phase on the basis of ceramics. This burial establishes a precedent for burial practices observed at the later occupation such as the use of capstones, extended supine burial position, east-west orientation, and the placement of offerings near the head and feet. There is no evidence for protracted burial rituals focused on this individual.

Burial practices at El Mogote, the Rosario and Early Monte Albán I occupation of the Tilcajete sites, are diverse. The three burials dating to these phases have different contexts, architecture, and offerings. The burials associated with Mound M have more evidence for continued interaction with the dead consistent with a tradition of ancestor veneration. The Area N burial has the most in common with burials at the late Monte Albán I occupation and establishes a deeper history for these practices.

Burial Practices at El Palenque

The El Palenque occupation was founded in 300 B.C. when the residents of El Mogote moved 800m upslope to rebuild the civic ceremonial core of the site following a raid. It was occupied until the first century B.C. when it was abandoned following an attack by Monte Albán. The site consists of a 1.6 ha civic-ceremonial core, 28 ha core

area of residential occupation, and a 43.5 ha area of more dispersed residential occupation (Spencer and Redmond 2005:177).

Two residential areas, Area X and Area P, were excavated. Area X is located 250 m northwest of the plaza. We exposed Structures 30 and 31 here. Area P was located about 70 m southwest of the plaza, where we excavated Structures 9 and 50. The burials recovered at El Palenque, the Late Monte Albán I occupation of the Tilcajete sites, come from four residences in two different areas of the site. A series of 8 burials containing 16 individuals were recovered in three different seasons 1997, 2011, and 2016. The Area P excavatopms in the 1997 season were led by Christina Elson. The Area X excavations in the 2011 season were led by Elsa Redmond. The Area P and Area X excavations during the 2016 season were led by the author.

Area X Structure 31

Structure 31 is a residential structure that extended over 350 m^2. It consisted of two patios with rooms surrounding each of them. It was built with stone, adobe, and wattle-and-daub. There were five burials associated with this house (Burials 26, 27, 28, 29, and 30).

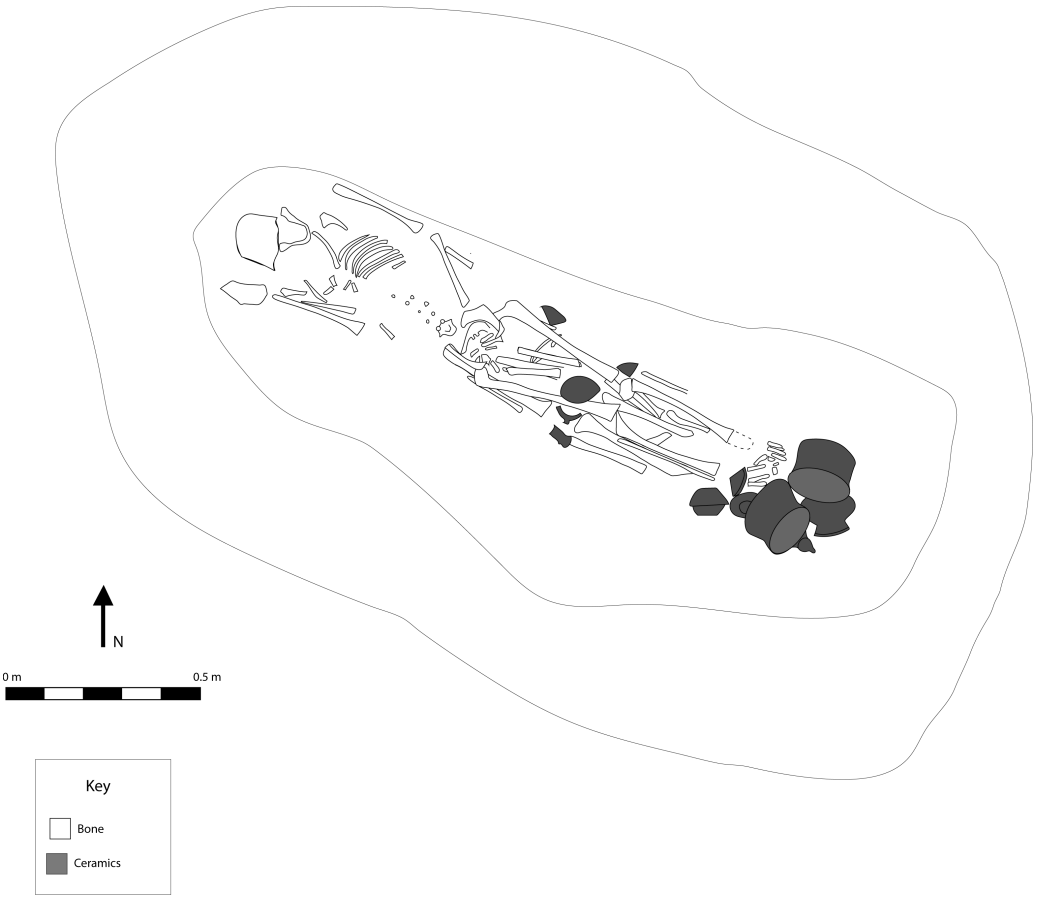


Figure 6.27 - Plan map of Burial 26 showing individuals 1 and 2 and offerings

Burial 26 Description

Burial 26 was a Formative period cist burial covered with stone slabs located south of the large unpaved patio (see Figure 6.28). The context is likely subfloor, but the southern wall of this room is incomplete. Burial 26 contained a minimum of two indviduals. B26-1 was supine, fully extended, and oriented east-west (with the cranium to the west, facing east) (see Figure 6.27). The skull collapsed after deposition and the right side of the vault fell to the side just above the right arm. B26-2 was disturbed, but the legs were partially articulated indicating an east-west orientation with the head to the east.



Figure 6.28 - Burial 26 capstones

B26-1 was a single articulated and mostly complete individual placed on top of B26-2 (see Figure 6.29). B26-2 consisted of a pile of loose disarticulated skeletal elements underneath the pelvic inlet of B26-1 (mandible, fragments of a clavicle, femur, tibiae, radii, a humerus, and an ulna), as well as disarticulated long bones found beneath the legs of B26-1 (right femur and left humerus) (see Figure 6.30). The preservation of all recovered human skeletal remains was generally poor. B26-1 was a young adult female with an age-at-death between 18-21 years old. B26-2 represented the remains of an old adult based on worn and resorbed dentition (Pacheco-Fores, n.d.).



Figure 6.29 - Burial 26 individuals 1 and 2 with vessels 1 and 2 removed



Figure 6.30 - Burial 26, individual 2

Burial Offerings

Table 6.8 - Burial 26 accompaniments descriptions

Offering Number	Description
V.1	Gray cylinder/vaso
V.2	Gray duck pot
V.3	Gray miniature cocijo bottle
V.4	Gray olla
V.5	Gray bowl
V.6	Gray bowl
V.7	Gray olla (small)
V.8	Gray incurved rim bowl (small)
V.9	K.7 plate (partial)
V.10	K.7 lid with face as handle (partial)

V.4 and V.7 are under V.1 and V.2 (see Figure 6.32) at the feet of B26-1. V. 5 and V.6 are south of B26-1's right tibia and fibula. V.3 and V.10 (see Figure 6.31) are south of B26-1's right femur. V.9 is north of B26-1's left femur V.8 is in between B26-1's femora.



Figure 6.31 - Vessel 10



Figure 6.32 - Vessel 2

Burial 27 Description

Burial 27 was a simple burial pit in the subfloor fill of room 13, just south of the drain. The floor of this room was not preserved. The body was oriented east-west with the head to the west (looking east). The skull was slumped a bit and faced the northeast. The burial appears to have been disturbed, because the entire bottom half of the body (pelvis, legs, and feet) were missing (see Figure 6.33). The upper body was also a bit disturbed because the left arm and lower right arm were missing. The head and torso were mostly articulated and intact.

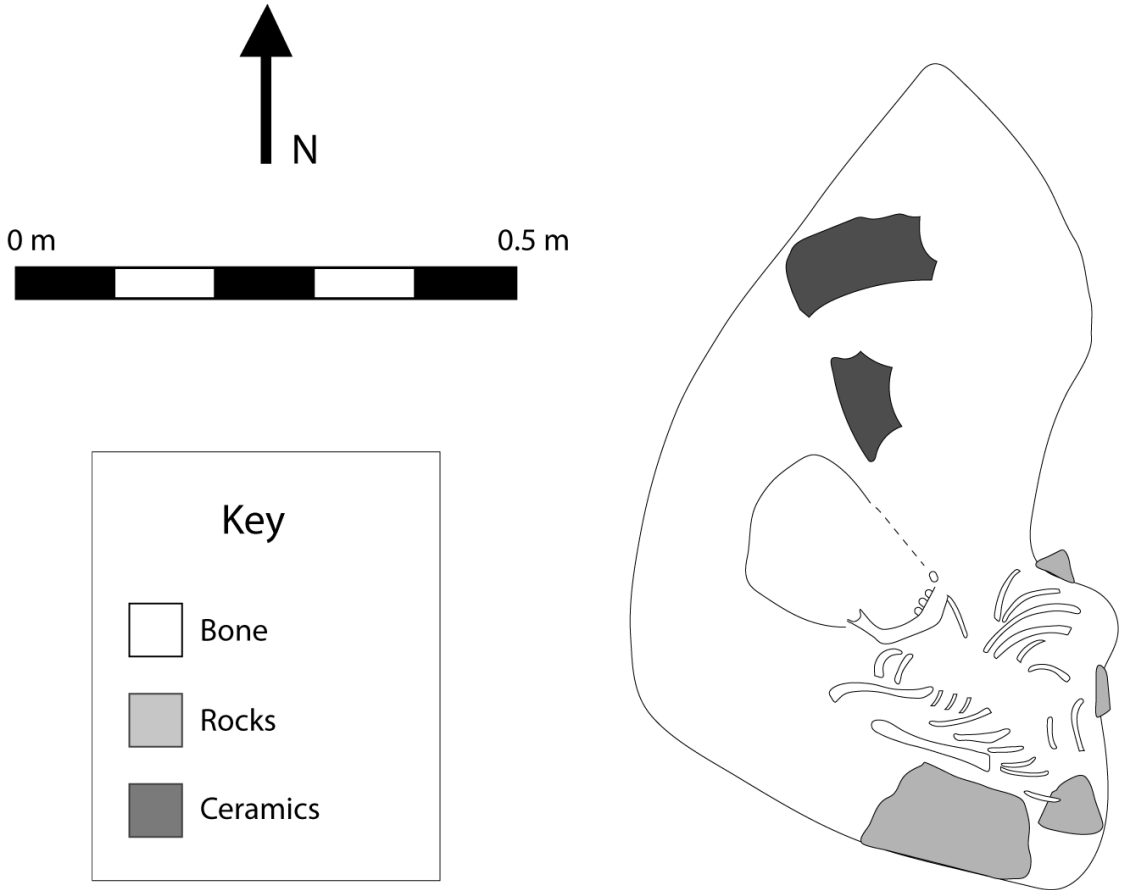


Figure 6.33 - Plan map of Burial 27

Burial 27 represents a partial human skeleton (see Figure 6.34). The skull (including the neurocranium, mandible, and maxillary and mandibular dentition), cervical vertebrae, and thorax (including the clavicles, ribs, thoracic vertebrae, and right scapula) were present, along with the right and left humeri. The preservation of all recovered human skeletal remains was generally poor. B27 was 10 years old (±30 months) at death. Sex could not be determined, as the secondary sexual characteristics used to estimate sex do not develop until late adolescence (Pacheco-Fores, n.d.)



Figure 6.34 - Photo of Burial 27 in the subfloor deposit fo Room 13

B27 exhibited extensive enamel defects on the permanent dentition. Defects were present on the upper central incisors, upper left canine, and upper first molars, as well as on the lower central and lateral incisors, lower canines, and lower first molars. These enamel defects could indicate nutritional stress, disease, or traumatic injury during enamel deposition (Pacheco-Fores, n.d.).

Burial Offerings

No grave goods or burial accompaniments were found, but they may have been removed or destroyed when the burial was disturbed. We recovered two large café olla rim sherds that may have been part of an offering.

Burial 28 Description

The pit is located on the east side of the flagstone patio just south of the drain. It was dug into cascajo (the sterile clay with gravel). This portion of Structure 31 was severely affected by erosion. The burial pit was very close to the surface, but it may have originally been in the subfloor of a room that was not preserved.

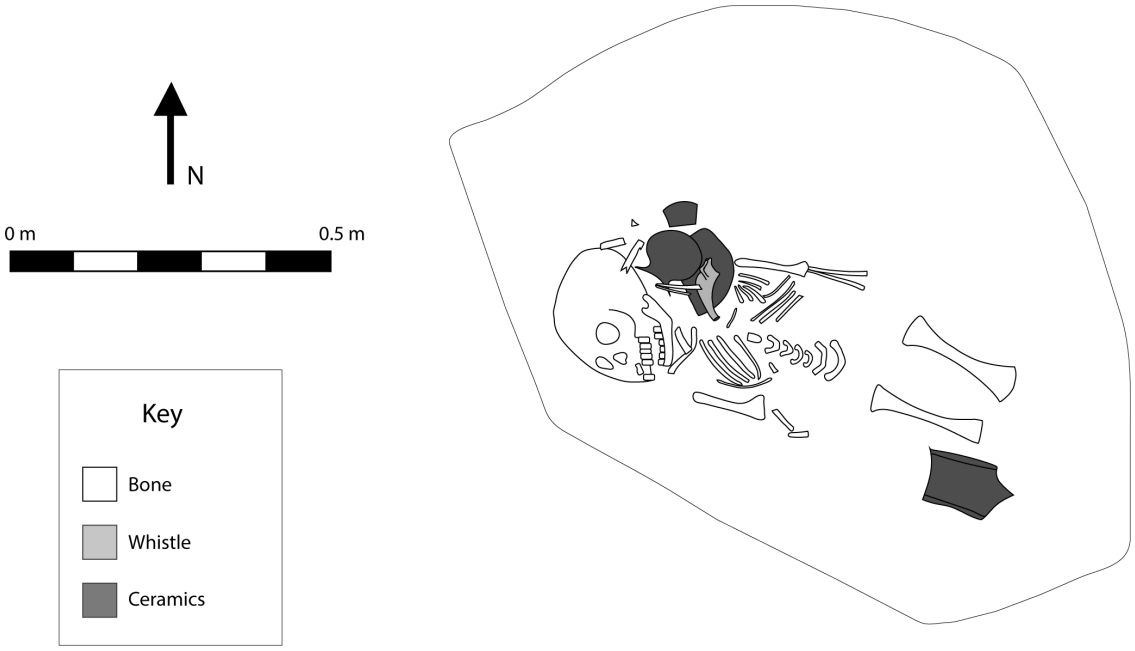


Figure 6.35 - Plan of Burial 28

Burial 28 is a partial human skeleton. The cranium, mandible, cervical vertebrae, and thorax (including the ribs, right clavicle, and right scapula) are present, along with the right and left arms (excluding the hands), and the right and left femora (see February

6.35). Preservation is poor (see Figure 6.36). B28 was 5 years old (±16 months) at death. Sex could not be determined, as the secondary sexual characteristics used to estimate sex do not develop until later in adolescence. B28's mandibular left first premolar features an enamel defects. This enamel defect is unknown, but could indicate nutritional stress, disease, or traumatic injury during enamel deposition.



Figure 6.36 - Burial 28 showing relationship to patio 2 wall

Burial Offerings

V.1 Gray effigy bottle

V.2 Gray globular olla (small) (See Figure 6.38)

V.3 Gray zoomorphic whistle (possibly depicting a dog/coyote or possum) (see Figure 6.37)

V.4 Gray outleaned wall bowl with flat base and direct rim



Figure 6.37 - Burial 28 Vessel 3, zoomorphic whistle possibly depicting a possum. It is similar to Spencer and Redmond 2008:253 Figure 6)



Figure 6.38 - Burial 28 Vessel 2

V.1 was near the right leg. V.2 and V.3 were inside V.4. V.4 was located on the north side of the head, resting on top of left shoulder near the back of the head.

Burial 29 Description

Burial 29 was a cist covered with capstones located in the subfloor of Room 17, the central room along the northern edge of the large, unpaved patio. The pit was dug into

the *cascajo* (sterile clay with gravel), and the fill was loose with some gravel. Above the cascajo is a light white to gray medium angular gravel that was used to level off the room. The floor above was not preserved because it was so close to the modern ground surface.

Burial 29 was a multiple burial containing the remains of a minimum of three individuals, based on the presence of three right ulnas. The burial contained two skulls, designated **B29-1** and **B29-2**. **B29-2** is articulated and mostly complete, missing only the left scapula and humerus, as well as the sacrum (see Figure 6.39). **B29-1** is represented by a cranium and mandible and a semi-articulated left scapula and ribs. Disarticulated long bones, ribs, and a sacrum are scattered above and surrounding the two individuals. Preservation ranges from fair to poor (see Figure 6.40).

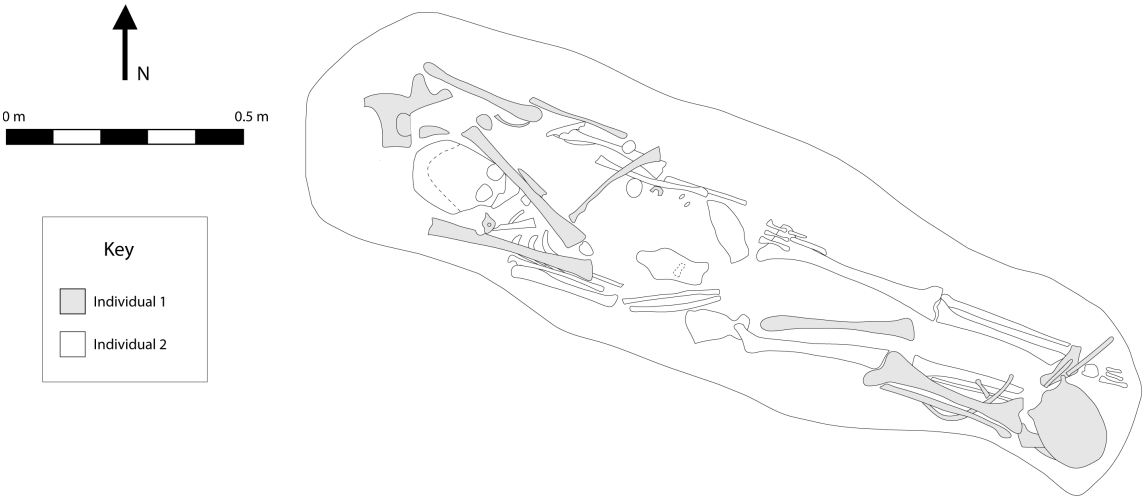


Figure 6.39 - Burial 29 plan map

B29-1 is an adult female > 21 years of age. **B29-2** is an older adult male (see Figure 6.41). The morphology of the pubic symphyseal face is coarse and pitted with a

marked rim and a separated pubic tubercle, indicating a likely age-at-death of between 45-60+ years (Pacheco-Fores, n.d.).



Figure 6.40 - Burial 29 individuals 1 and 2



Figure 6.41 - Burial 29 individual 2 after the collection of individual 1

Burial Offerings

Vessel 2 (EP-7123) contained disarticulated human skeletal elements in the soil filling the vessel. Among the bony elements were fragments of a distal manual phalanx of the first ray, an unsided first metacarpal, two unsided proximal manual phalanges of unidentified rays, and a fragmentary left patella.

All offerings were on top of the capstones, and when we removed the vessels from above the capstones, we found some finger and toe bones, indicating the cist had been reopened or disturbed.



Figure 6.42 - Burial 29 capstones with vessels

B29-1 is disarticulated. The skull sits directly on top of the right foot of B29-2. The rest of the long bones are scattered on top of B29-2. The skull of B29-1 faces west and is looking directly at the skull of B29-2. B29-2 is extended, facing east.

Given the presence of smaller elements, is most likely B29-1 the first individual buried in the pit. It was later reopened and the bones of B29-1 were moved to make space for B29-2. This is supported by the condition of some of the vessels (damaged) and the presence of small elements in Vessel 2.



Figure 6.43 - Burial 29 Vessel 11, gray spouted hemispherical bowl



Figure 6.44 - Burial 29 Vessel 7, G.25 with basal flange and incising on the exterior

Table 6.9 - Burial 29 offerings descriptions

Offering Number	Description
V.1	Gray outleaned wall bowl with direct rim (burnt)
V.2	G.12a with flared rim (see Figure 4.46)
V.3	G.13 convex wall bowl with 1 incised line on the exterior
V.4	Gray convex wall bowl
V.5	Gray olla (partial)
V.6	G.12b with flared rim
V.7	G.25 with basal flange and incising on exterior (see Figure 6.44)
V.8	Gray vaso with flaring rim
V.9	G.12b outleaned wall bowl with flared rim (see Figure 6.45)
V.10	Gray hemispherical, convex wall bowl (small)
V.11	Gray spouted bowl (see Figure 6.43)

All bowls were above the capstones (see Figure 6.42). V.1 is near the western end V.11 is near the middle and V.2-10 are on the eastern side.



Figure 6.45 - Burial 29 Vessel 9, G.12b outleaned wall bowl



Figure 6.46 - Burial 29 Vessel 2, G.12a outleaned wall bowl

Burial 30 Description

B30 was a simple burial pit just east of the southeast corner of the paved patio. The grave was dug into sterile gravel (cascajo) but soil erosion and modern activity left it basically exposed to the elements. This likely explains the large number of missing elements. It may have been a subfloor burial but the room above was not preserved. This eastern end of the structure is very eroded and was heavily affected by a recent rock removal operation.

Burial 30 was a partially complete extended burial. It is represented by a cranium, mandible, and right and left humeri and radii. Preservation was very poor. B30 is male over 21 years of age at death. The extreme wear of the maxillary dentition suggest that B30 was likely an older adult (Pacheco-Fores, n.d.).

B30 was a primary burial of a single, extended individual. The body was oriented east-west with the head to the west (facing east) but the skull had fallen/slumped and was

looking south (see Figure 4.47). The burial was disturbed and poorly preserved (see Figure 4.48). The bones were covered by a rock pile. The erosion and piling of rocks probably account for the poor condition of the bones.

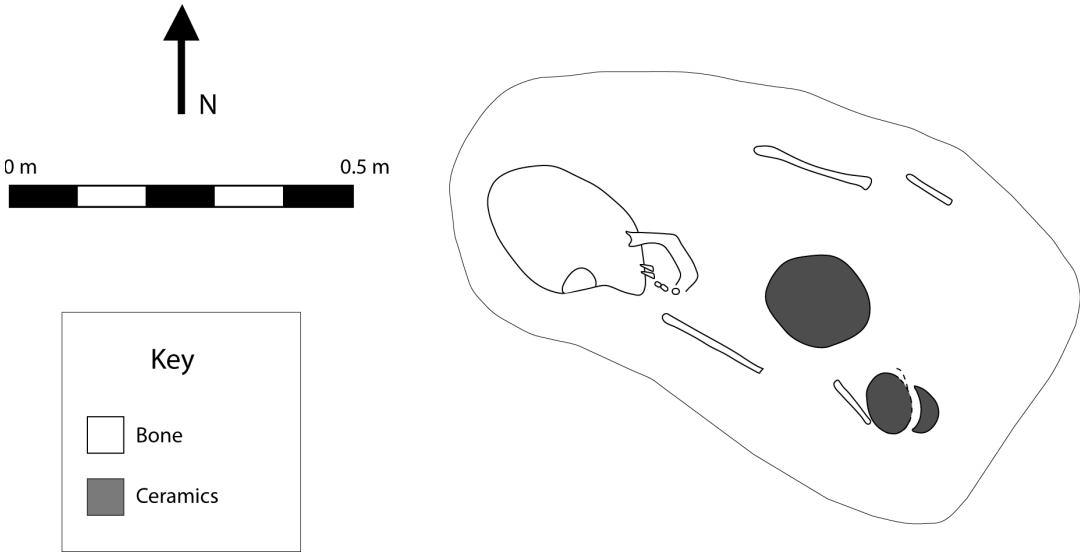


Figure 6.47 - Burial 30 Plan map



Figure 6.48 - Burial 30



Figure 6.49 - Burial 30 Vessel 2

Burial Offerings

V.1 G.13 incurved rim bowl with 1 line incised on the exterior rim

V.2 G.12 outleaned wall bowl (see Figure 4.49)

V.1 is located near the right lower arm. V.2 is face down on the chest.

Area X Structure 30

Structure 30 was excavated by Elsa Redmond in 2011. It is a residence located 3 m to the west of Structure 31. It has one patio with rooms around 3 sides and covers

about 109 m^2. It was built of stone, adobe, and wattle-and-daub. One burial, Burial 9, was associated with this residence and also excavated by Elsa Redmond.

Burial 9 Description

Burial 9 is a rectangular, rock-lined cist covered with capstones located in the subfloor of Room 4 floor. It was disturbed resulting in the movement of some skeletal elements. Burial 9 was extended, prone, and oriented north-south with the head to the south.

Burial 9 was a partially complete extended individual (lower legs were removed). It may be disturbed (right and left femora were reversed indicating postmortem disturbance), but all elements of the skeleton were present. Burial 9 is male with an age-at-death of 30+ years. Very worn teeth suggest advanced age. The right mandibular canine had a linear enamel hypoplasia (Duncan 2013 report in INFORME).

Burial Offerings

One whole shell was found on top of the left humerus/shoulder (Spencer and Redmond 2013 INFORME).

Summary: Area X

Structures 30 and 31 were separated by about 3m and share similar construction techniques and architectural features. It is possible that the occupants of these structures were part of a large extended family group. Despite architectural similarities, mortuary ritual appears different between the two, indicating a more complicated relationship. The burials from these two structures do share one common attribute, burials in cists with capstones.

Structure 31 was at least twice as large as Structure 30 and contained evidence of several distinct mortuary treatments. In addition to cists covered with capstones containing multiple individuals, Structure 31 had two child burials (located near drains) and one burial containing a single adult.

Structure 30 also contained a cist burial (Burial 9), but this burial differed from B.26 and B.29 in a number of ways. The orientation of the B.9 cist was north-south making it the only Late Formative period burial from the Tilcajete sites that was not oriented east-west. It was also the only burial that was prone rather than supine (Spencer and Redmond 2011– Informe Técnico). However, all burials from the Terminal Formative occupation (SMT-23) were prone. Burials 1, 2, and 3 were oriented north-south (Elson 2007:56-62). Burial 9 establishes an earlier precedent for this behavior. It was also the only cist burial from the Late Monte Albán I phase occupation that contained a single individual and the only adult who lacked ceramic offerings, although the burial was disturbed so it is difficult to be certain about the nature of offerings.

Area P Structure 50

Structure 50 is a residence covering approximately 550 m^2. It was built of stone, adobe, and wattle and daub. It consisted of two patios with rooms around each patio. One burial, Burial 31, was associated with this residence.

Burial 31 Description

B31 was a simple burial pit in the subfloor of Room 12 near the south wall. B31-1 was fully extended and supine, while B31-2 was lying laterally on the its left side, facing B31-1. Both individuals were oriented east-west, with the crania to the west. B31-1's cranium was facing east, while B31-2's cranium was facing north (see Figures 6.50 and

6.51). Additionally, there were two piles of disarticulated bones. The first (Bone Pile #1) was immediately above B31-2's cranium. B-31-2's cranium was crushed and permeated with soil and lacked a mandible. Just above the child's cranium was a child's mandible. The age of the disarticulated mandible indicates it could belong to B31-2. Beneath the mandible was a pile of isolated bones, including an adult rib and a juvenile scapula. These likely belong to B31-1 and B31-2 and are the disturbed as a result of rodent activity.

B31-3 consists of Bone Pile #2 just left of B31-1's left tibia. It appears to be mostly long bone diaphyses. While it is possible that the first bone pile above B31-2's cranium belonged at least in part to B31-1 and B31-2 and were moved through bioturbation/rodent activity, the second Bone Pile under Vessel 4 is unlikely to be of the same origin. B31-1's long bones were all in articulation. Burial 31 therefore has an MNI of three.

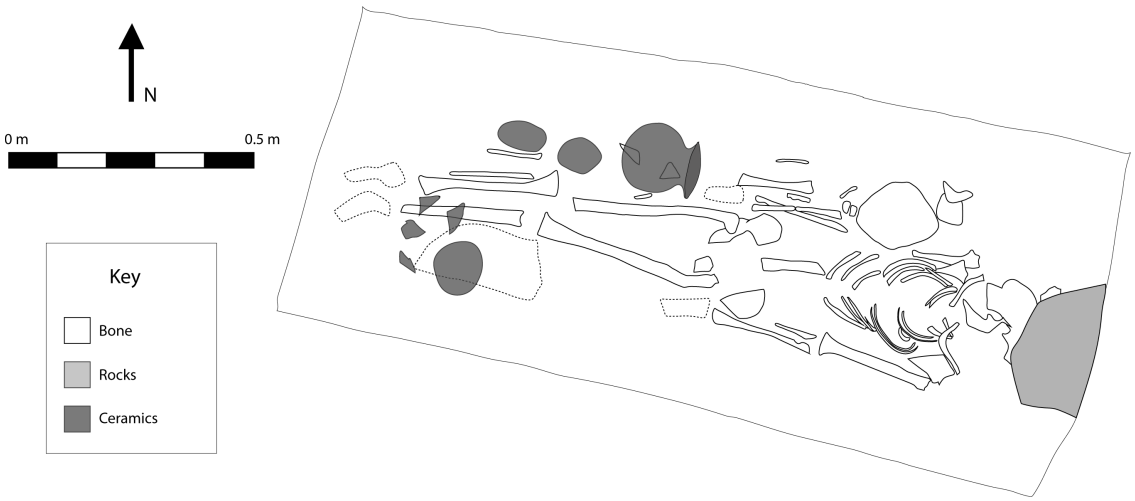


Figure 6.50 - Burial 31 plan map showing individuals 1 and 2

Burial 31 contained a minimum of three individuals, based on the number of right tibia. The preservation of all recovered human skeletal remains is poor.

B31-1 was a mostly complete articulated human skeleton. **B31-1** exhibits caries on the upper right third molar, the upper left first molar, and the lower right first molar. Similarly, abscesses surrounded the roots of the upper left first molar and lower right first molars. **B31-1** was a female. While **B31-1** was likely an adolescent or young adult, a more precise age-at-death is difficult to determine, as dental eruption and epiphyseal union suggest conflicting estimated age ranges.

B31-2 is a partially complete and semi-articulated skeleton of a child, likely about 8-9 years old (± 2 years) at death. Sex could not be assessed, as the secondary sexual characteristics used to estimate sex do not develop until later in adolescence.

B31-3 consisted of many long bones, including humeri, tibiae, ulnae, and ribs. The size of the long bones in the pile that were identifiable in the field suggest they belonged to an adult individual, and B31-1's long bones were all present and articulated (Pacheco-Fores, n.d.).



Figure 6.51 - Burial 31 showing individuals 1 and 2

Burial Offerings

V.1 Gray olla

V.2 Gray olla (small)

V.3 G.26 bowl with basal flange but no incising

V.4 Gray outleaned wall bowl with flared rim

Figurine 1 is part of a gray paste effigy vessel is a jaguar with incised buccal mask and modeled headdress.

Figurine 2 is a gray paste zoomorphic whistle possibly depicting a monkey.

Figurine 3 is a gray paste gray basteman in a headdress lying on his stomach with his arms and legs bent.

Figurine 4 is a gray paste man in a three-pointed headdress lying on his stomach with his arms and legs bent with incising on the arms.

Figurine 5 is a gray paste zoomorphic figurine (possibly feline) .



Figure 6.52 - Burial 31 Figurines. From left to right, Figurine 3, 5, 4, 1, and 2.

V.1 was on top of 31-2's pelvis and on top of B31-1's right femur. V.2-3 were beneath V.1 on top of 31-2's body and right of B31-1's right knee/fibula. V.4 was on top of Bone Pile #2 and left of B31-1's left tibia. Figurines 1-4 on top of/next to 31-1's left tibia and on top of Bone Pile 2. Figurine 5 was underneath Vessel 1 (just below 31-2's pelvis) (see Figure 6.52). Vessels 1-3 were lying on top of what would have been the rest of the child's body, but the poor preservation limited what we could expose/recover of the child's skeleton.

Area P Structure 9

Structure 9 was excavated by Christina Elson as part of a field season (1997) directed by Charles Spencer and Elsa Redmond. This dwelling was located approximate 15 m southwest of Structure 50. It extended over approximately 75 m^2, and consisted of one patio with rooms around 3 sides. It was built of stone, adobe, and wattle-and-daub. One burial, Burial 4, was associated with this residence.

Burial 4 Description

B.4 was a rectangular cist excavated into the subfloor (*cascajo*) of a room east of the patio. It is oriented east-west and covered by two capstones. There were two other large stones found discarded on the surface close to B.4 that may have been disturbed by the plow. There were smaller stones marking the edges of the pit. The grave contained three individuals. They represent three primary burials deposited in three separate episodes. **B4-1** was the last individual buried and was stratigraphically above **B4-2** and **B4-3**. **B 4-1** was supine and extended with the head to the west. The skull of B4-2 was found on the east side of the cist and the postcranial skeleton was not articulated. The remains were probably disturbed when the cist was reopened to add **B4-1**. **B4-3** was supine and extended with the head to the west.

Burial 4 contained the remains of four individuals. **B4-1** was possibly an adult female with an age-at-death of 35-50. The left radius of B4-1 exhibited evidence of possible trauma.

B4-2 was possibly an adult female with an age at death of 25-35. **B4-2** had an underrepresentation of smaller elements relative to **B4-1** and **B4-3** suggesting it may have been secondary or was moved to make room for **B4-1** and/or **B4-3**. **B4-2** exhibited pathology on the frontal and multiple long bones. It seems likely that a systemic, chronic condition (periostitis) was still active at the time of death.

B4-3 was an adult male with an age-at-death of 20-35. **B4-3** was articulated. **B4-3** exhibited evidence of trauma including a well-healed fracture of the right femoral neck and right fibula as well as a fused distal and middle pedal phalanges. **B4-4** consisted of a

small number of isolated fragments that overlap anatomically with other burials (glenoid fossa of the right scapula) (Duncan 2008 report in INFORME).

Burial Offerings

The burial contained 9 vessels as well as shell beads.

V.1-5 No description provided

V.6 Gray Cocijo effigy bottle

V.8 G.13 convex wall bowl with 1 line incised on the exterior

V.9 Gray Cocijo effigy bottle

V.1-2 were under the capstones on the western side of the burial cist. V.3 was in the northwest corner of the burial cist. V.4 was in the northeast corner of the burial cist near the feet of B4-1. V.5 was on the left shoulder of B4-1. V.6 was just south of B4-1's left arm and two of B4-2 long bones. V.7 was just south of B4-1's right femur. V.8 was just south of B4-3's mandible, and V.9 was just south of B4-3's skull. The shell lay just north of B4-3's left femur (Spencer and Redmond 2008 INFORME).

Summary: Area P

Like Area X, Area P had two residential structures of dramatically different size located near one another. Comparisons between Areas X and P reveal there are more similarities across areas than within them. The larger structures from each area and the smaller structures in each area are most similar to one another in layout and construction technique. Each structure in Area P contained only one burial each. Burial 4 was associated with Structure 9. It was a stone-lined cist with multiple individuals and evidence of primary successive burial. This burial was similar to Burials 26 and 29 from

Area X. These three burials across two residential areas indicated the emergence of at least one set of mortuary practices associated with cists.

Structure 50 contained the only multiple burial with evidence of both secondary and primary simultaneous burial. It is also the only multiple burial from the site containing a child. However, many elements in this burial are not unique. The Terminal Formative occupation at SMT-23 had one burial of an adult and child (Burial 4). Both Burials 4 and 31 at El Palenque were oriented east-west, and Burial 4 from SMT-23 was the only burial from that occupation not oriented north-south. Both Burial 4 (SMT-23) and Burial 31 (El Palenque) also contained "flying" anthropomorphic figurines as offerings (see Figure 6.52; Elson 2007:62). Marcus (1998: 25) notes that burials containing figurines almost exclusively contain women and children. Burials 9 and 31 at El Palenque were associated with a smaller and larger residence respective, and both had the strongest similarities with the burials recovered at the Terminal formative period occupation at SMT-23.

Burials 9 and 31 are unlike other contemporaneous burials but share similarities in orientation, body position, and offerings with later, Terminal Formative period burials at the SMT-23 occupation. Elson (2007:56-63) argues that intermediate elites may have been local or were brought into the Ocotlán subregion from other parts of the Valley of Oaxaca, possibly from Monte Albán itself. By contrast, the commoner population of the site was likely composed of local people. Lower status households had burials. The mortuary practices associated with those burials have connections to the earlier occupation, demonstrating some continuity in ideology among occupants of both sites.

Summary of Site-Wide Patterns

The burials at El Mogote and El Palenque are indicative of a variable and multi-faceted mortuary program. At El Mogote, Middle Formative burials tend to contain one individual but there is evidence for protracted burial rituals in the form of reopening of tombs, secondary burial, and removal of major skeletal elements such as femora. At El Palenque, mortuary practices vary within and between houses. However, the practice of primary successive burial associated with stone-covered cists is found in both excavated areas of the site. This continued interaction with the dead indicates their importance to the functioning and identity of the household.

Further, of eight burials and 16 individuals uncovered at El Palenque, four burials containing 12 individuals had evidence of activity after the initial burial. Larger houses do not necessarily have more burials, indicating that house size may reflect more than length of occupation or number of occupants. The largest house, Structure 50, and both smaller houses, Structures 9 and 30, had only one burial each. Structure 31 was the second largest structure and had five burials. There are more similarities between X and P than within the areas. The occupation at El Palenque is a relatively dense with small and large houses in close proximity to each other. The smaller houses are not simply scaled-down versions of larger houses. The frequency of burial and the nature of mortuary practices differ a great deal between neighboring houses and houses of similar size.

A diachronic perspective demonstrates that changes to mortuary practices were more gradual than the shifts seen in architecture and artifact patterns. There is continuity in certain practices between at El Mogote and El Palenque such as cist burials with capstones. There are also continuities between El Palenque and SMT-23 including the co-

occurence of east-west and north-south oriented graves and the inclusion of "flying" figurines as offerings in burials containing children (see Figure 6.52). These more incremental shifts indicate both a continuity in the people occupying these sites as well as the more conservative nature of mortuary ritual. Despite pervasive changes in house construction, layout, and access to resources, burial practices show more overlap with previous phases indicating a more gradual rate of change.

Discussion: Mortuary Practices in the Formative Valley of Oaxaca

Mortuary practices together with household data demonstrate changes in the organization of the kinship system that coincided with the formation of the state. However, mortuary practices also retained elements from earlier phases. These changes to ritual behavior are part of a larger more gradual development in ideology unfolding over centuries during the Formative period. The emergence of larger, courtyard-centered houses coupled with the increase in multiple burials and re-opening of graves indicate the coalescence of extended family households created through a bilateral, bilocal kinship system. In this sort of kinship system, people trace their lineage and inherit resources through both their maternal and paternal lines, and after marriage can choose to live with either the husband's or wife's family (Ensor 2013a).

Many scholars have made the connection between the origins of state-level sociopolitical systems and the emergence of extended family compounds. They argue that a larger workforce is needed to meet tribute and taxation requirements to support the state (Blanton 1975; Carneiro 1970; Flannery 1972, 1995; Marcus 1976, 1993; Marcus and Feinman 1998; Redmond and Spencer 2008, 2013; Sanders 1974; Wright 1977). In order to create extended family households, rules guiding marriage, postmarital residence, and

inheritance have to be changed or made more flexible to allow for larger households with more coresidential individuals. These changes depend on existing kinship systems.

Making of Ancestors

One way to assess kinship organization is through ancestors and the making of ancestors. Ancestors are defined as a select subgroup of a population who were venerated by name because particular rights and obligations were inherited through them (McAnany 1995:161). The mortuary record is always a sample of the death population, and only a fraction of the deceased is eligible to deemed ancestors. Ancestors are identified by protracted burial rites that represent their transformation and the transmission of property. Secondary burials or additional burial rites offer more opportunity to renew, reorganize, re-legitimize relations among the living. The remains of ancestors continue to have potency (McAnany 1995).

The relationship of ancestors to concepts of property is consistent with data from the Formative period in Oaxaca (Flannery and Marcus 1976). The earliest examples of ancestor veneration in Oaxaca date to the first sedentary villages (Marcus and Flannery 1994:63). As a result, concepts of property may have already been forming when the first villages were established. This would be consistent with the fact that the earliest burials associated with residences occur in the Early Formative (Flannery and Marcus 2005; Winter 1972).

Ancestor veneration can include an individual's family, town leaders, priests, and other influential people. Practices include feasting, processions, commemoration/dedication rituals, and bloodletting. Ancestors are not exclusively associated with residential burial. The definition of ancestors emphasizes their individual

identities. They are remembered by name. Some have argued that the preservation of individual bodies is evidence of the individuality of ancestors (King 2011; Miller 1995). However, others have noted that secondary mortuary practices that often lead to partial and commingled remains indicate the continued importance of the buried person. Depending on the nature of post-burial ritual, bodies may remain articulated or be disturbed. In Oaxaca, evidence for secondary burial and re-opening of graves, cists, and tombs throughout the Formative and into the Classic and Postclassic indicates that interaction with remains of important deceased people was a part of ancestor creation and veneration.

Combination and primary successive burial are the two most common mortuary practices associated with multiple burials in all phases of the Formative period. Both practices involve the reopening of graves. Combination burial generally involves the primary interment of at least one individual and the secondary interment of at least one other. Primary successive burial occurs when a grave, cist, or tomb is reopened and subsequent individuals are added at various points in time. In both instances, people demonstrate their connection to the deceased individuals through interaction with their remains. As a result, the individual bodies are disarticulated and commingled, obscuring individual identity. However, this does not necessarily eliminate the possibility that individuals were remembered and used to trace descent through or to a particular lineage. Burials 21 and 22 at El Mogote were disarticulated during post-burial activity, and the femora of both individuals were removed at some point during these later activities. Femora were often used as symbols of inherited authority and legitimacy (Caso 1969; Feinman et al. 2010; Lind and Urcid 1983, 2010; Miller 1995; Marcus 2006:225-6; Rabin

1970; Rubín de la Borbolla 1969). The identities of these individuals may have been preserved through the use of certain skeletal elements despite the disarticulation and commingling of their remains.

Not all people buried in Formative period houses were necessarily treated as ancestors. However, given the restricted nature of residential burial, these individuals were selected for some specific purpose. The most prominent shift was the dramatic increase of children in the Late Formative burial record. Our sample from this phase comes overwhelmingly from Monte Albán. During this phase they also began to receive different burial treatment than adults. They were often buried alone and not the focus of secondary burial practices. While the concept of ancestors and the practice of ancestor veneration had deep roots, the emergence of an identity associated with children was a more recent development. This was supported by the inclusion of special artifacts like whistles and "flying" figurines. This special set of offerings and treatment may reflect a change in notions of personhood and who was considered a full member of the household (Gillespie 2001).

Household ancestors are emphasized in the Late Formative period as the household was undergoing significant changes. The subsequent Terminal Formative period shift in the treatment of children may reflect their increased importance to the functioning of the household. Children would have been important members of the household labor force. Further, given the likely ambilineal and ambilocal nature of kinship, children and young people likely had some flexibility and choice in the household they joined as adults. As a result, children were members of their natal household but also potential members and contributors to other households. Their special

treatment may be related to their increased value and potential during the first phase of centralized state-level sociopolitical organization.

Kinship

In the Valley of Oaxaca, kinship has been described as bilateral (Flannery and Marcus 2005:10-11; Whalen 1988a). Any system can promote inequality between genders through postmarital residence. The gender that stays in the household of birth generally has an advantage over the mobile gender (Ensor 2013a, 2013b). The contributions of the mobile gender are less likely to be seen as beneficial to the extended family. They are also disconnected from the the property and resources held by their family and are less able to contribute to their household of birth or inherit resources. Descent and postmarital residence are important to status of household members and the ability to be inherit and pass on property and resources and thus be considered for selection as ancestors.

In societies where the mobile gender is female, men are expected to be overrepresented in the burial record. As higher-ranking members of households, they are in a position to inherit and transmit property rights and resources. In Formative period Oaxaca, both sexes were represented relatively equally until the Terminal Formative period. Individuals identified as male are found more frequently in multiple burials than individuals identified as female until the Late Formative period. It is widely argued that Oaxacan kinship was bilateral; however, it is possible that for descent to be bilateral but inheritance to more commonly pass through the patriline. Following the consolidation of authority at Monte Albán, there may have been an increased emphasis on patrilineal inheritance even as a bilateral and bilocal households were maintained.

The focus of this study, however, is the Late Formative period. Multiple burials became the most common form of residential interment in the Late Formative period. Further, individuals identified as female occurred most frequently in multiple burials. This indicates that women were increasingly selected to become ancestors, and, as a result, inherit and pass on property and resources. The Late Formative period was also a time of significant increase in population. Some have argued this rate is higher than would be expected for natural population growth and suggests migration into the area (Feinman and Nicholas 2013:64; Marcus 1998:56). It is possible that the influx of new families created a need to rework kinship rules. Newcomers needed to establish legitimacy in the area and may have traced lineage to locals of all genders.

Kinship and burial practices also inform our understanding of inequality. Primary occupancy is one way that households or family units are able to create and perpetuate inequality (Whalen 1981). However, in the case of both Monte Albán and Tilcajete, these centers were established de novo. At Tilcajete, the El Palenque occupation did not move a long distance (800 m), and the movement of residences does not necessarily influence farmland. El Palenque was a densely occupied center and farmland was likely on the edge of the settlement. However, the movement of the site would have allowed for some changes and reorganization in property. Increases in multiple burials at El Palenque may also reflect the need to establish a connection with the new settlement and legitimize their presence.

Conclusions

Changes in burial practices/ mortuary treatment during the Late Formative are evidence of gradual but significant social reorganization associated with state formation.

This is a stark contrast with changes in domestic architecture which change rapidly and abruptly. Mortuary treatments from each phase showed similarities with preceding and subsequent phases. The use of capstones was first observed in the burial of a child at El Mogote; it later became the norm for primary successive burials of adults at El Palenque. The use of the prone body position, north-south orientation of graves, and the inclusion of "flying figurines" in burials with children all began at El Palenque and persist at SMT-23. In some cases, these treatments became associated with different identities (age, sex, etc.). In other cases, they remained constant or became more common.

Changes in the identities of people chosen for residential burial were more abrupt and coincide with changes in domestic architecture. The dramatic increase in the representation of females in multiple burials indicates they were being selected for veneration as ancestors. Together, changes in the burial population and changes in domestic architecture point to shifts in household composition, membership, and relationships. These changes are best explained through kinship, because kin relations help shape household membership and composition as a multi-generational social and economic process. I propose that state formation was accompanied by increased demands for household labor, population growth and density, and centralized authority. It is likely that households participated in these political, economic, and social changes by adjusting rules for the division of labor, household membership/composition, inheritance/property, and postmarital residence.

Chapter 7 - Artifacts and Activities at the Tilajete Sites

In order to assess the role of households in state formation at the Tilcajete sites, it is important to assess the nature of activities taking place in each household. As discussed in Chapter 2, activity suites are important for assessing changes and continuities in the routines of daily life and the networks providing access to resources. Data on domestic activities complements discussions in Chapters 4 and 5 on changing house architecture. The construction or renovation of a house is an event, reflecting investments of labor and resources into the act of building (Beck et al. 2007). Similarly, mortuary practices, discussed in Chapter 6, are discrete events related to the burial or veneration of an individual or individuals. While the practices may be repeated periodically, they differ from more routine activities. The remains of daily routines can be more sensitive to smaller scale changes and reflect subtle changes in household decision-making and strategies (Robin 2013).

In this chapter, I discuss forms, frequencies, and distributions of five major artifact classes to assess the nature of change and/or continuity in suites of domestic activities. (1) Utilitarian ceramics that provide data about the nature of food preparation and storage activities. (2) Lithics that can tell us about food preparation and production and crafting. (3) Motifs on decorated ceramics that are connected to identity, status, and cosmology (Flannery and Marcus 1994; 2005:10). (3) *Cremas* (cream paste ceramics)

that are indicative of status (Elson and Sherman 2007). (4) Marine shell that is evidence of status and crafting. (5) Figurines that tell us about household ritual practices involving ancestor veneration (Marcus 1998; 2019).

The sources of different raw materials used to produce artifacts found at the site reflect the scale and organization of trade networks, local and long-distance relationships, and changes in access and preference for certain sources or materials. Ceramic sourcing studies are ongoing, but a pilot study by Minc et al. (2016:39) indicates that ceramic production of gray wares was local, using clay sources close to the Tilcajete sites, while crema wares were produced in the vicinity of Monte Albán (Minc et al. 2007). Production of café wares was not as widely distributed as gray wares. These utilitarian vessels may have been made a bit farther away from the Tilcajete sites as the best clay sources are located in the western Valle Grande (Minc et al. 2016:41). Lithic material sourcing is ongoing, but preliminary data suggest that stone tools were made with both local and nonlocal materials. Local cherts and medium to coarse volcanic materials are common at both El Mogote and El Palenque (Paige, n.d.). There are no obsidian sources in the Oaxaca Valley, and an XRF study indicates this material was obtained through long-distance trade with central Mexico and the Gulf coast. Finally, marine shell is found in small quantities at both occupations and is indicative of connections with the Gulf and Atlantic coasts (Kolb 1987; Pires-Ferreira 1978).

In this Chapter I discuss spatial and temporal patterns within each of the five material classes. I offer an interpretation of patterns in each material that relates to various domestic activities and trade relationships. Finally, I relate artifact and activity

patterns to ongoing site-level and regional-scale changes to assess the effects of sociopolitical reorganization and state formation on daily life at the Tilcajete sites.

Ceramics

Ceramic artifacts are the most prevalent material at both the El Mogote and El Palenque occupations. All ceramic sherds were analyzed and coded using a nondeterminative, polythetic attribute analysis (Drennan 1976:21; Spencer and Redmond 1997:39). This method allowed me the flexibility to code attributes such as vessel paste, form, and surface finish as individual variables or group attributes together under the same variable. In this coding scheme, sherds collected as part of the same excavation unit and level (or provenience) are analyzed together. Within a provenience, a sherd may be counted more than once, because all attributes are independent of one another. For example, a sherd could be counted as both a gray diagnostic and a gray olla rim. I used the set of variables defined by Charles Spencer and Elsa Redmond during the course of their research at the Tilcajete sites to make my investigations comparable to theirs. In some cases, I added new variables to account for attributes not yet observed. Their set of variables includes a subset based on the Oaxaca chronology defined by Caso, Bernal, and Acosta for ceramics from Monte Albán (Caso et al. 1967). For a complete list of variables see the scheme in Appendices A and B.

Ceramic analysis provides data on a range of different activities and aspects of life at the Tilcajete sites. These activities include display of status or social standing, food preparation, storage, and consumption. In this section, I will discuss three general classes of ceramics: (1) utilitarian ceramics, (2) decorated gray wares, and (3) *cremas* (cream

paste ceramics). The tell us about changes and continuities in the household activities, identities, and access to resources.

Utilitarian Ceramics

Ceramic evidence from Areas M and N at El Mogote, the Middle Formative period occupation of Tilcajete, consists of more than 10,000 sherds. Café paste ceramics make up 29% of the overall ceramic assemblage. Of the café paste ceramics, *ollas* and *outleaned wall bowls (or basins)* are the most prevalent vessel forms with *ollas* making up 36% of the café assemblage and *outleaned wall bowls* making up 16% of café diagnostics. These forms are generally well-suited to holding liquids and may have been used for a number of steps in the food preparation process. Another unusual café vessel form also indicates the importance of liquid-holding vessels. Bowl-shaped vessels with a perforated tab extending upwards from the rim appear to be specifically made to be suspended, probably over a heat source. This form makes up a relatively small portion of the café diagnostics assemblage, (1%). It is not present in the El Palenque assemblage. Significantly, both of the most common vessels are useful in similar steps and methods of food production (although the olla has a constricted opening and the outleaned wall bowl does not).

Table 7.1 - El Mogote Café Paste Vessels

Vessel type	Rim Count	% of Café Diags	% of Total Diags
OWB (330)	1075	36.1	10.6
Olla (324)	475	16.0	4.7
CWB (329)	207	7.0	2.0
Braziers (328)	181	6.1	1.8
Plate Rims (V341)	169	5.7	1.7

Vessel type	Rim Count	% of Café Diags	% of Total Diags
Colador (V332)	30	1.0	0.3
Comal (V327)	18	0.6	0.2
Indet (Bases and Rims)	360	12.1	
Other (tecomate, apaxtle, incensario, "other", "special", decorated, and worked	467	15.7	
TOTAL	2978		10185

Ceramic evidence from Areas X and P at El Palenque, the Late Formative periodoccupation at Tilcajete, consists of more than 12,000 sherds. Café paste ceramics make up 15% of the overall assemblage. Of these café diagnostics, 49% are *ollas* and 16% are *comales* (griddles). Patterns in this collection indicates both continuity and change in food preparation tools. Specifically, there is an increase in the prevalence of ollas and the replacement of outleaned wall bowls with comales. The increased importance of *comales* indicates that dry-cooking techniques and associated foods like tortillas took on a more significant role in household food preparation and provisioning.

Table 7.2 - El Palenque Café Paste Vessels

Vessel type	Rim Count	% of Café Diags	% of Total Diags
Olla (324)	887	49.4	7.2
Comales (V327)	301	16.8	2.4
OWB (330)	149	8.3	1.2
CWB (V329)	77	4.3	0.6
Braziers (V328)	63	3.5	0.5
Indet (Bases and rims)	197	11.0	
Colador (V332)	5	0.3	0.0
Plates (V334)	19	1.1	0.2

Vessel type	Rim Count	% of Café Diags	% of Total Diags
Other (tecomate, apaxtle, incensario, "other", "special", decorated, and worked	91	5.1	
TOTAL	1797		12292

Given the overall decrease in the percentage of café paste ceramics during the Late Formative period, we also examined the frequencies of the most common gray ware vessels. While many gray paste forms were generally used for storage and consumption, coarser paste gray wares could also serve as cooking vessels (Rice 1987; Sinopoli 1991:14-15). *Outleaned wall bowls* and *ollas* were the most common gray ware forms at both El Mogote and El Palenque. They have similar percentages in their respective assemblages (see Table 7.3). This indicates that gray ware vessels were not necessarily replacing café paste vessels as cookware as gray paste ceramics became an even larger portion of the overall assemblage.

Table 7.3 - Gray Paste Utilitarian Vessels

	El Mogote	% of gray diags	% of total diags	El Palenque	% of gray diags	% of total diags
Gray olla rims	196	4.0	1.9	347	3.6	2.8
Gray owb rims	2118	43.3	20.8	3780	38.9	30.8
Gray plate rims	54	1.1	0.5	27	0.3	0.2
Gray apaxtli	24	0.5	0.2	146	1.5	1.2
Total Gray	4894			9708		
Total Ceramics	10185			12292		

Decorated Gray Wares

Decorated ceramics played an important role in Mesoamerican societies and took on a significant role during the rise of powerful chiefly polities during the Middle Formative period (Flannery and Marcus 1994). Many of the motifs were linked to key cosmological symbols, like Earth and Sky, with deep roots in Mesoamerica (Flannery and Marcus 2000:14; Grove 1989). As a result, some of these motifs are widespread. At El Mogote and El Palenque, these decorative motifs tend to occur on gray paste ceramics. It is likely that these motifs are highly stylized references to commonly recognized symbols. As discussed earlier, gray wares at the Tilcajete sites were likely produced locally (Minc et al. 2016). Stylistic differences within and between occupations and excavation areas of the Tilcajete sites may reflect local interpretations of these design motifs as well as the preferences of individual households. At San José Mogote, two ceramic motifs depicting lightning or sky motifs and earthquake or earth motifs were common across the site but never recovered together in the same area. They have been interpreted to represent two different social groups within the center, possibly moieties or neighborhoods/wards (Flannery and Marcus 1994, 2005).

To record and assess decorative motifs at Tilcajete, the motifs on all decorated gray paste outleaned wall bowls were recorded using the coding scheme described at the beginning of this section. Motifs are one of the variables recorded. As a result, the frequency of each motif within a provenience, a collection from the same excavated context, is counted regardless of the number of motifs on a given sherd or vessel. This allows me to evaluate the frequency and distribution of each component motif.

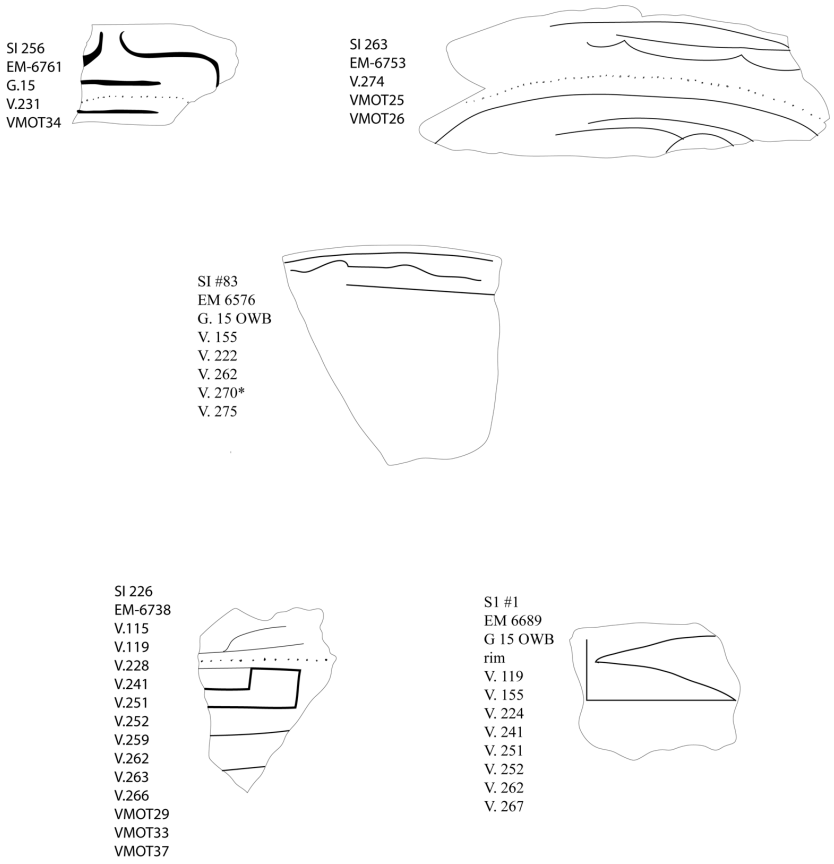


Figure 7.1 - Examples of G.15 incised designs from El Mogote

El Mogote

At the Middle Formative period El Mogote occupation, the most common decorated gray bowl form was the G.15 (see Figure 7.1) (Caso et al. 1967). Decoration was equally common in Areas M and N (about 23% of bowls were decorated). To begin to assess the nature of variability in incised designs, I first identified the top 20 motifs for each area to see how many are shared (see Appendix C). Ten are the same and ten are different (see Table 7.4). If we look first at the ten shared motifs, we find that three are indeterminate and two are parallel lines (two, three, or more than three). Together these motifs accounted for about 20% of the variability in decoration for each excavation area.

This leaves five more distinctive motifs that were also prevalent in both Areas M and N (see Table 7.4). These motifs were generally described as scallops (vmot 16), a single line with a wavy line (vmot 27), crescent (vmot 22), and line break with a single vertical line between (vmot 18). The fifth motif was a composite motif that is a single line with other motifs below (vmot 29). Among this group of shared motifs there were some minor variations with scallops, line breaks, and the composite motif slightly more common in Area M and the crescent motif slightly more common in Area N.

Table 7.4 - Five most common and distinctive motifs found in both Areas M and N

Motif	Description	Area M	Area N
VMOT 16	Scallop	21 (7.6%)	7 (4.7%)
VMOT 27	single line with fine-line wavy line	7 (2.5%)	3 (2.0%)
VMOT 22	Crescent	7 (2.5%)	7 (4.7%)
VMOT 18	Line break with one or more vertical lines in the break	11 (4.0%)	4 (2.7%)
VMOT 29	Single line with incised motifs below on interior wall	18 (6.5%)	3 (2.0%)
		20.6%	16.1%

Table 7.5 - Common indeterminate or linear motifs found in both Areas M and N

Motif	Description		Area M	Area N
V273	One line, with or without other decoration (sometimes probably a consequence of breakage between two parallel lines, but coded as V273 anyway)	Miscellaneous	41 (14.9%)	25 (16.8%)

Motif	Description		Area M	Area N
V281	Miscellaneous line breaks; often found on rims that also have two parallel lines, narrow spaced (< 1.5 cm apart), but we are coding them here just as line breaks; this is definitely a miscellaneous category, often used for beat-up sherds, see VMOT33 for better-preserved examples		19 (6.9%)	13 (8.7%)
V278	Indeterminate		8 (2.9%)	3 (2.0%)
V272	Two parallel lines, narrow-spaced (<1.5 cm apart); no other decoration	Lines	34 (12.4%)	12 (4.4%)
V274	Three or more parallel lines, with or without other decoration		12 (4.4%)	8 (5.4%)
			41.5%	37.3%

In each area, there were 10 motifs (of the top 20) that were only common in one of the two areas. Some of these motifs were variants of common motifs like crescents, line breaks, and wavy lines. However, each area had 2-3 motifs that were relatively unique to that area but generally found in smaller quantities. Area N had horizontal zig-zags, dots/punctations/lines on eccentric rims, and the pennant motif (see Table 7.7). Although the crescent motif was common in both areas, Area N had 3 variants of it (see Table 7.6). Together, those variants accounted for 16% of the decoration in this area. While the crescent motif was much less common in Area M.

Table 7.6 - Motifs Found in Area N but similar to "common motifs"

Motif	Description		Area N
VMOT 46	Crescent opposite eccentric rim	Crescent	14 (9.4%)
VMOT 24	Crescent plus scallop		3 (2.0%)
V279	Other Motifs	Other	3 (2.0%)
VMOT 20	Carretera	Lines	3 (2.0%)

Motif	Description		Area N
VMOT 31	Fine-line double wavy lines	Wavy	3 (2.0%)

Table 7.7 - Motifs found in Area N that are distinctive

Motif	Description	Area N
VMOT 32	Horizontal zig zags	6 (4.0%)
VMOT 45	Dots, punctations, or lines on eccentric rim	4 (2.7%)
VMOT 21	Pennant	2 (1.3%)
VMOT 23	Zoned Cross Hachure	2 (1.3%)
V276	2 Narrow spaced (<1.5 cm) parallel lines with other motifs below	2 (1.3%)

The top 10 motifs in Area M contained a number of motifs that were similar to those that were common in both Areas M and N. Line breaks (vmot 34 and vmot 48) and composite motifs (v275 and v277) were common in both areas (see Table 7.8). However, line break motifs were much more prevalent in Area M than Area N. Line breaks have a deep history in Oaxaca. On white wares like Atoyac Yellow-White, they have been interpreted as referring to the earth with its cleft head (Flannery and Marcus 2000:24-25). It is not clear if line breaks on G.15 bowls retain this same meaning. Another motif that was present in both areas but far more frequent in Area M was the hachure motif (see Table 7.9). The hachure motif includes diagonal lines or sets of opposing diagonal lines (cross-hachure). It is associated with darkness.

Two motifs were almost restricted to Area M. The first, vertical lines, are often found in conjunction with motifs like line breaks or parallel lines. However, the second, Sky motif, is similar to a step motif but with curves rather than right angles. It has been

interpreted as a possible symbol of clouds (Flannery and Marcus 1994:170-171). This may be an indication of the descent group of this residence or sector of the site. At San José Mogote, Earth and Sky motifs were never found together. The prevalence of both motifs in Area M may indicate that their meaning had shifted or that they were not connected to sodalities or larger social identities at El Mogote.

Table 7.8 - Motifs found in Area M but similar to "common motifs" or motifs found in Area N

Motif	Description		Area M
VMOT 34	Single incised line with line breaks above	Line breaks	14 (5%)
VMOT 48	Double line breaks		14 (5%)
V275	Two parallel lines, wide-spaced (≥ 1.5 cm apart), with other motifs between or below the double lines	Composite motifs	9 (3.3%)
V277	Two parallel lines, narrow-spaced (< 1.5 cm apart), with other motifs above the double lines, except for V280, V281, V283		7 (2.5%)

Table 7.9 - Motifs found in Area M that are distinctive

Motif	Description		Area M
VMOT 28	Wide-spaced vertical lines on interior rim	Vertical lines *(similar to hachure in some cases)*	10 (3.6%)
VMOT 51	Single vertical line		9 (3.3%)
VMOT 41	Sky motif; cursive (a cursive form of step motif, probably clouds; Flannery & Marcus 1994: figs. 12.38-12.39; also similar to Spencer & Redmond 1997: fig. 4.29, SI-15; fig. 4.34, SI-34; fig. 4.32, SI-24)	Sky motif	6 (2.2%)
VMOT 36	Hachure	Hachure	22 (8%)
VMOT 19	Wide-spaced hachure		9 (3.3%)
VMOT 38	Miscellaneous cross-hachure		8 (2.9%)

El Palenque

There were several changes in decorated gray paste ceramics during the transition from El Mogote and El Palenque. The most dramatic shift was the sharp increase in the number of G.12 outleaned wall bowls (see Table 7.10). This has been noted in the public sectors of El Palenque where G.12 rims and bases make up about 41% of the total ceramic assemblage (Spencer et al. 2008:331). This sudden prevalence of G.12 ceramics is common throughout the Oaxaca Valley in the Late Monte Albán I ogase (Feinman 1986; Feinman et al. 1989). G.12 ceramics appear to have been produced locally and have simplified designs. The G.12 has a broader regional distribution than any gray paste ceramic before it, so despite being decorated, they are likely a utilitarian ware. (Feinman 1986:364-5).

Table 7.10 - Quantities of decorated ceramics at El Mogote and El Palenque

CBA Type	El Mogote			El Palenque		
	Count	% of total assemblage	% of grays	Count	% of total assemblage	% of grays
G.12	99	1%	2%	4791	39%	49.4%
G.13	217	2.1%	4.4%	330	2.7%	3.4%
G.15 & G.16	293	2.9%	6%	92	0.7%	0.9%
G.17 & G.18	167	1.6%	3.4%	214	1.9%	2.2%
G.25	6	0.06%	0.1%	238	1.9%	2.5%
G.26	4	0.04%	0.08%	37	0.3%	0.38%
TOTAL	786			5702		

The decrease in the frequency of G.15s may indicate that ceramics or at least gray ware bowls were no longer the venue for the kind of symbolism seen on earlier types. It is likely that these important cosmological symbols were portrayed in many media. These

symbols were probably already relatively abstract when they first appeared on ceramics in the Middle Formative period (Flannery and Marcus 2000:13; Grove 1989). This simplification indicates that they were already broadly recognizable and were likely used or portrayed in other materials before being included on ceramics. It is possible that the decline in G.15s was indicative that these symbols changed around this time or the meaning had been lost.

However, it is also possible that certain other gray paste ceramic types (like the G. 17, G.19, G.25, and G.26) took on increased importance as venues for display of cosmological symbols. For example, the G. 25 from Burial 29 depicts a possible serpent (see Figures 7.2 and 7.3). Other burials from Areas X and P contained effigy vessels gray pastes depicting Cociyo (Burial 26, see Figure 7.4) and a jaguar (Area P, Burial 31). Café paste vessels also depict figurines with cosmological signficance. While café paste is often used for figurines, the paved patio in Area X Structure 31 contained a large portion of a café bowl with jaguar and snake appliqués (see Figure 7.5). In earlier time periods, specialized vessels like incense burners and miniatures were produced for ritual purposes. However other forms like bowls and bottles also bore symbolic designs. In Late Monte Albán I, it appears that there may be a sharper distinction between decoration for utilitarian vessels and special-purpose vessels. One exception may be fishplates, G.17s a highly decorated and modeled and incised serving plate often depicting animals, likely used for serving food to guests (Caso et al. 1967). By Monte Albán II, decorated ceramics are relatively rare. Crema tripod and tetrapod vessels with incised step-fret motifs are an exception. They may represent an attempt by elites at Monte Albán to export their influence (Elson and Sherman 2007).



Figure 7.2 - G.25 from Burial 29, side 1



Figure 7.3 - G.25 from Burial 29, side 2



Figure 7.4 - Cociyo effigy bottle from Burial 26



Figure 7.5 - Café vessel with zoomorphic appliqués

During the Monte Albán I phase, gray wares tended to have a broad range of both forms and decoration. However, there is a distinct standardization in form and decoration from the Early to Late Monte Albán I phases at the Tilcajete sites that appears similar to broader regional patterns (Feinman 1986). Decorated serving ware and special-purpose vessels (not G.12 utilitarian vessels) in households began to shift away from abstract incised motifs like those on G.15 outleaned wall bowls. Instead, modeled representations in the form of effigy vessels representing *Cociyo* (Zapotec deity associated with lightning), jaguars, and, ducks become important. This could represent a shift toward the

embodiment of certain supernatural forces as animals or as humans wearing symbols (Marcus 1983:144-8). The portrayal of Earth and Sky as more naturalistic forms would make the cosmological references readily recognizable by a broad audience. A shift away from the decoration of outleaned wall bowls to more special-purpose vessels may also indicate a shift in the nature of household ritual overall. It may indicate a clearer distinction between utilitarian and ritual items.

Cremas (Cream Paste Ceramics)

As discussed in the previous section, *crema* (cream paste) wares underwent an important change in the Late to Terminal Formative period transition. Cremas are significant, because they were created from a clay source close to Monte Albán, and they are interpreted as an indicator of interaction (Minc et al. 2007; Spencer et al. 2008). During the Terminal Formative period, crema paste pottery changed from from being primarily coarse utilitarian wares, as it was during the Monte Albán I period, to fine, decorated prestige goods (Elson and Sherman 2007:266). Their presence in the assemblage at Monte Albán remained steady across this transition (Spencer et al. 2008:333). When considering mortuary contexts alone, *crema* vessels became an increasingly large percentage of vessels found in burials and tombs (50%) (Caso et al. 1967; Elson and Sherman 2007:269).

However, the pattern at the Tilcajete sites was somewhat different. *Cremas* were always a relatively minor percentage of the assemblage at El Mogote and El Palenque. In the public sectors of the sites, *cremas* mdke up about 7-9% of the assemblage at El Mogote and about 5% of the assemblage at El Palenque (Spencer et al. 2008:333). The

sharp decrease in the Late Formative was likely related to hostilities between the Tilcajete polity and Monte Albán.

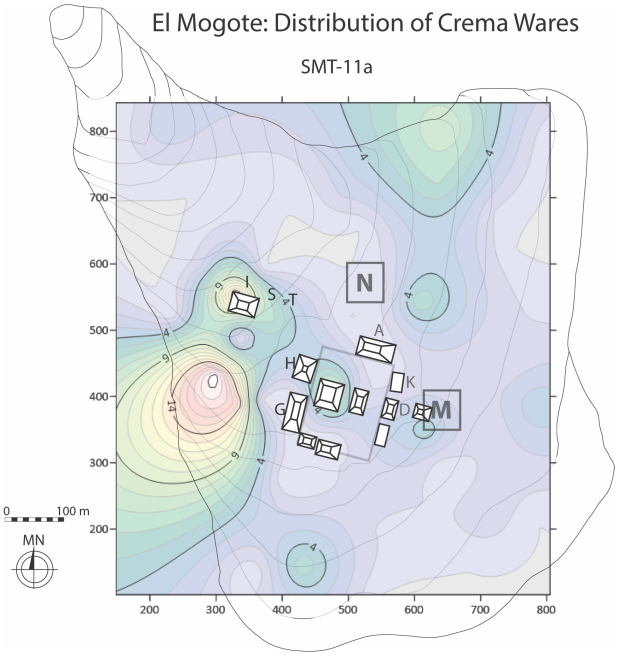


Figure 7.6 - The distribution of cremas at El Mogote

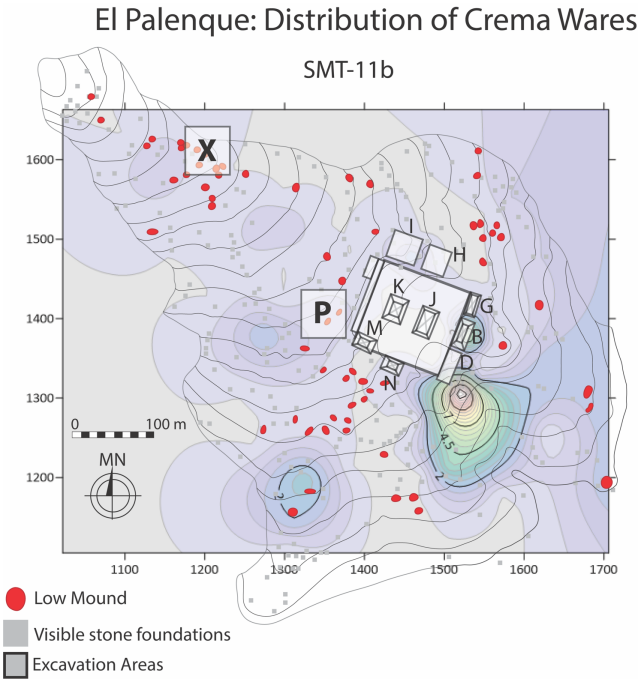


Figure 7.7 - The distribution of cremas at El Palenque

Surface collections at both occupations show that the distribution of *crema* paste ceramics was restricted to areas immediately adjacent to the plazas in both occupations. The largest concentration of cremas at El Mogote can be found on the western side of the plaza, including in an area containing one of two mounds not directly on the plaza (see Figure 7.6). Some secondary concentrations of cremas can be seen on the northern, eastern, and southern sides of the plaza, but these were relatively minor. At El Palenque, cremas had an even more restricted distribution. They were found almost exclusively on the southeast corner of the plaza, an area with very few house foundations (see Figure 7.7). It is likely this was a midden area used to dump trash from the plaza and public buildings such as the temple complex that lines the eastern side of the plaza.

Table 7.11 - Total crema paste ceramics at each occupation

El Mogote		El Palenque	
Count	% of total assemblage	Count	% of total assemblage
505	5%	284	2.3%

The excavated data were consistent with the surface collections. In the residential sectors of Tilcajete sites, the pattern among crema wares was similar, but they were generally less frequent than in the public sectors (see Table 7.11). This supports arguments by Elson and Sherman (2007:270) that *cremas* were tied to political relationships and status. It appears that despite generally restricted access to *cremas*, residents of the site had less access than those in positions of authority. The increase in *cremas* at sites in the broader region was strongest in the Terminal Formative period when *crema* wares became finer and more highly decorated. However, it appears that even during the preceding Early and Late Monte Albán I periods, *crema* paste utilitarian

forms may have been used as part of elite exchange networks and in some areas considered a sort of prestige good.

This pattern continues when making comparisons between the houses excavated at each occupation (see Table 7.12). In addition to differential access for leaders and residents, it appears that households also had differential access to cremas. In both occupations, the houses located closer to the plaza had much higher frequencies of cremas than those located farther away (2-3 times as many). While access to cremas is only one variable, it may be indicative of household status, particularly political status. Materials such as obsidian, marine shell, animal bone, decorated gray wares, house size, construction techniques, and materials are additional lines of evidence that, taken together, aid in further assessing household status differences.

Table 7.12 - Cremas by site and excavation area

	El Mogote		El Palenque	
	Area M	Area N	Area X	Area P
Cremas count	428	58	45	239
Cremas percentage	6.4%	2.1%	1.2%	2.9%

Lithics

Jonathan Paige analyzed all chipped and ground stone material (Paige, n.d.). His analysis discusses flaking technology, the nature of tool use and retouching, and the use of local and imported materials for various tools and activities. The following section is a brief summary of his major findings.

Table 7.13 - Lithic materials

	Chert	Volcanic Materials (Medium to Coarse)	Obsidian
El Mogote	38%	48%	14%
El Palenque	72%	24%	4%

Chipped Stone

At both the El Mogote and El Palenque occupations, the two main materials used for lithics are likely local cherts and medium to coarse volcanic materials. The same three materials are present in both assemblages and local materials dominate at both occupations. However, there is a shift in the percentages of the two most prevalent raw materials cherts and volcanic materials (see Table 7.13). At El Mogote, volcanic materials are the most abundant and cherts are a close second. At El Palenque, cherts dominate the assemblage and are three times as abundant as volcanic materials in that assemblage. Obsidian remains the least abundant raw material at both occupations but also declines at El Palenque. This indicates a possible shift in preference for and access to local and nonlocal materials.

Despite changes in raw materials, lithic technology remains largely the same both occupations. The knapping behaviors at both occupations are characterized as ad hoc lithic reduction, but there is less evidence for retouching at El Palenque. This was determined by Paige through an examination of dorsal scar orientations and flake shape. He found no significant evidence of core rejuvenation or platform preparation. He concluded that there were no significant changes in how cores were reduced. Similarly, there is no evidence for biface manufacture at either site. Bifaces were recovered from El Mogote, so they were likely manufactured in another location on or beyond the

settlement. The technological tradition of lithic production remained consistent throughout time at the Tilcajete sites, but the shift in preference and access to local and nonlocal materials may be related to changing regional relationships affecting access and trade networks.

Tools exhibit some changes that are related to both access and production. There are generally fewer formal tools and less diversity in tools at El Palenque (a change from 51 tools at El Mogote to 8 at El Palenque). At both occupations, retouched flakes and scaled pieces are the most prevalent tool type, indicating some consistency in activities involving these tools. Most flakes from both occupations show relatively light use and little retouch, indicating a short uselife. However, as mentioned earlier, bifaces were only recovered from El Mogote and not El Palenque. There was no evidence for biface manufacture at El Mogote, so these tools were likely produced somewhere else. Their absence from El Palenque indicates an abandonment of biface production or a change in trade relationships.

Table 7.14 - XRF results for obsidian from residences at El Mogote and El Palenque

Source	El Mogote (Samples from Structures 33, 34, and 36)	El Palenque (Samples from Structures 31 and 50)
Pachuca	4	0
Paredon	10	0
Otumba	4	0
Guadalupe Victoria	1	15
Orizaba	1	0
Ucareo	0	4
Unknown	0	1

Source	El Mogote (Samples from Structures 33, 34, and 36)	El Palenque (Samples from Structures 31 and 50)
TOTAL	20	20

Obsidian

There were major differences in obsidian sources and obsidian technologies found at El Mogote vs. El Palenque. Generally, both occupations likely imported blades and blade segments and knapped flakes from imported cores. However, there were significant differences in both the source material and the use of obsidian tools. At El Mogote, there was more diversity in obsidian use and production. There was some evidence for local knapping, but the majority of obsidian artifacts were blades and blade segments. At El Palenque, there was a decline in the overall frequency of obsidian. Flakes were the main obsidian tool, and there is evidence that obsidian was more exhaustively used. These shifts in obsidian production and use were likely connected to a change in raw material source. Residents of El Mogote obtained most of their obsidian from the Paredón source with Pachuca and Otumba as secondary sources (see Figure 7.8). Residents of El Palenque obtained obsidian from a different array of sources (see Figure 7.9). They relied primarily on the Guadalupe Victoria source with Ucareo found in smaller quantities (Glascock 2018).

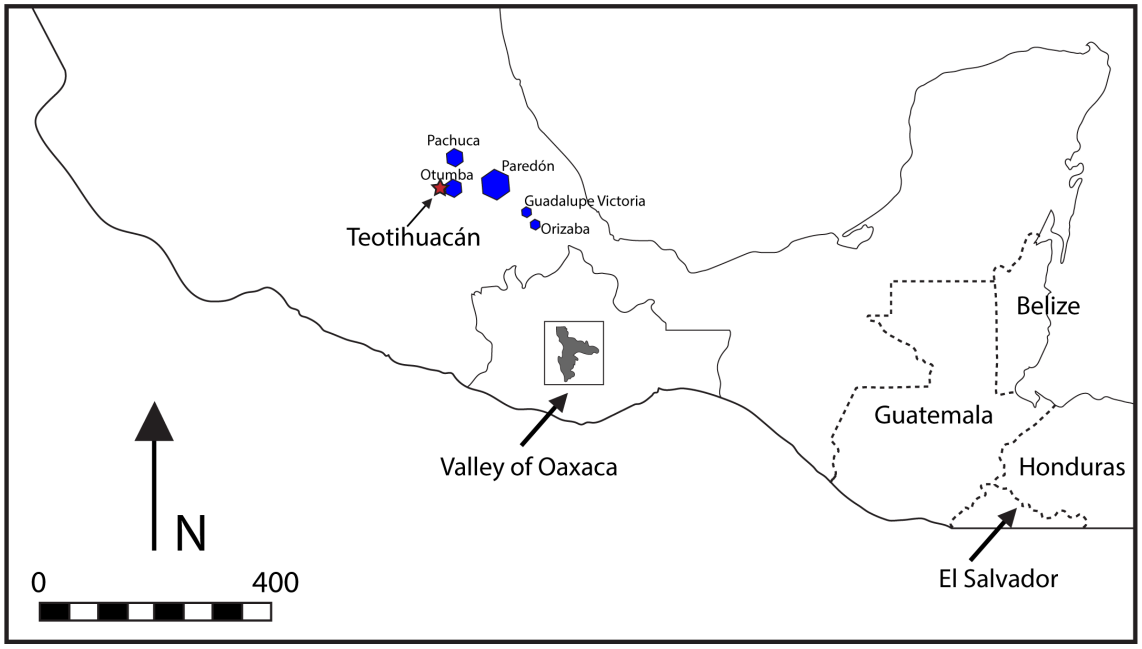


Figure 7.8 - Middle Formative obsidian sources as identified by Glascock 2018.

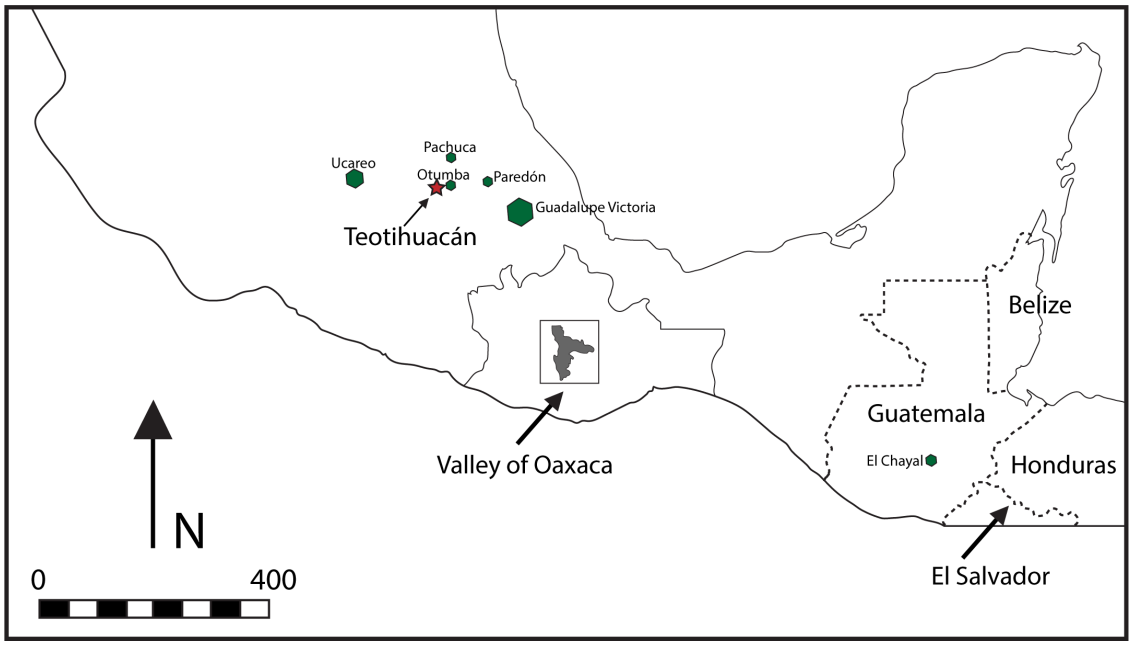


Figure 7.9 - Late Formative obsidian sources as identified by Glascock 2018

Ground stone

Ground stone tools are especially useful for grinding and pounding ingredients in order to process them and prepare them for cooking. The earliest groundstone artifacts from Oaxaca likely date to the early Holocene and consist of unmodified river cobbles and slabs (Flannery 1986; Ranere et al. 2009). While ground stone tools are often multi-purpose, some are better-suited to particular activities. Trough and basin metates are both effective for grinding soaked grains, but trough metates are more effective for grinding dry kernels (Adams 2002:68-89, 2006:106). Manos with more surface area are better-suited for grinding larger amounts of grain (Diehl 1996).

Ground stone tools at the Tilcajete sites exhibit continuities and changes over time. Both sites have similar numbers of basin metates and one-hand manos. However, there are several changes in the ground stone tool inventory present in households at El Mogote and El Palenque. First, the overall frequency of ground stone increases at El Palenque with nearly twice as many tools and fragments. There is an increase in two-hand manos which indicates a change in the nature of grinding at the Late Formative period occupation. Two-hand manos have a larger surface area and are better-suited to grinding larger quantities of corn (Diehl 1996). Second, finer grained material was used to make ground stone tools at El Palenque. This mateiral is associated with finer grinding of kernels which leads to quicker cooking times (Biskowski 2017:30). Third, molcajetes, that were absent at El Mogote, are present at El Palenque. Overall, the increasing quantity and quality of ground stone as well as more diversity in ground stone tool types indicates that grinding activities were becoming more intensive and diverse. This may be related to the development of new dishes and preparation techniques.

Marine Shell

Marine shell is a relatively rare material at both El Mogote and El Palenque (see Table 7.15). A total of 42 pieces of marine shell (and 1 piece of worked land snail) weighing 105.4g were recovered during excavations of Areas M, N, P, and X. However, one shell ornament from El Mogote may be intrusive, recovered in burial. Even when excluding that ornament, marine shell is still more prevalent at the El Mogote occupation with 34 of the total 42 pieces (34.8g of the total 37.6g). 92.6% of the total shell weight at El Mogote was recovered in Area M. Three to four pieces of shell were recovered in Area M for every 100 undecorated gray outleaned wall bowl rims while only 0.2 pieces of shell were recovered for every 100 undecorated gray outleaned wall bowl rims in Area N. 9.1% of the total count and 13.2% of the total weight of shell recovered from Area M were shell ornaments. The only shell recovered from Area N was worked but not a finished ornament. The ratio of finished ornaments to total debris/raw material indicates low-level shell working in Area M alone. The small quantities of marine shell in Area N indicate differential access to shell, a material imported to El Mogote (Kolb 1987; Pires-Ferreira 1978).

Areas X and P at El Palenque contained 7.4% of the total weight of marine shell. Area P had small quantities of worked shell (6 pieces weighing 2.4g) and 1 finished ornament. Area X had only 1 piece of marine shell weighing 0.4g. In Area P, the shell ornament is 25% of the total shell weight and 16.7% of the total count. Access to marine shell among residents at El Palenque is much lower than at El Mogote. While ratios of finished ornaments to debris suggest some production. Shell-working does not appear to be a significant household activity. It appears that people were producing small quantities

of shell ornaments for household consumption. Additionally, differential access to shell at both occupations indicates possible status differences between residential areas.

Table 7.15 - Summary of shell data from Formative deposits

Area	Total Shell Count	Total Shell Weight (g)	Total Worked Shell	Total Number of Ornaments
Area P	6	2.4	5	1
Area X	1	0.4	1	0
Area M	33	25.0	17	3
Area N	1	9.8	1	0
TOTAL	41	37.6	25	5

The generally low quantities of marine shell at both El Mogote and El Palenque indicate that Tilcajete was never closely tied into the shell trade network. There were two possible routes for marine shell from the Pacific coast to reach the Valley of Oaxaca. The first route would have traversed Miahuatlan and Ejutla, and the second route would have passed through the low hills east of Ejutla to the headwaters of the Río Grande to the Tehuantepec river (Ball and Brockington 1978; Feinman and Nicholas 1993, 2013:19). In both cases, these routes lead into the Oaxaca Valley through Tlapacoyan (Feinman and Nicholas 2013:47). The decrease in the frequency of marine shell from El Mogote to El Palenque may indicate a change in access to these long-distance exchange networks with coastal areas. While marine shell was obtained from both the Pacific and Gulf coasts, 16 of the 41 pieces were tentatively identified by the author as Pinctada mazatlanica, a species from the Pacific coast (Flannery and Marcus 2005:81).

Early evidence for shell-working dates to the Early Formative period. At San José Mogote, marine shell was recovered from Tierras Largas phase deposits. In San José

phase houses, there is extensive evidence for shell-working. Marine shell was likely obtained through household connections and relationships. Houses in different areas of the site had shell from different coastal regions (Marcus and Flannery 1996:102). However, access to finished shell ornaments appears to be relatively equal across households (Flannery and Marcus 2005:79). Shell would later become an important status indicator (Sherman and Elson 2007:279).

The founding and growth of Monte Albán affected connections between Ejutla and the Valley of Oaxaca. By Monte Albán II, settlement patterns in Ejutla reflect this reorganization. Sites are larger, placed on hilltops, and positioned overlooking the trade route that connected Ejutla to the Valley of Oaxaca (Feinman and Nicholas 2013:79-80). It is likely that changes to the economic and political networks in these regions predates the changes in settlement size and location. The decrease in marine shell at El Palenque is potentially related to the changing regional dynamics associated with the founding and expansion of the state at Monte Albán during the Late Monte Albán I phase. It is possible that the growing connection between Monte Albán and Ejutla meant the exclusion of the Tilcajete sites from this trade network. Given the relatively low access to shell at El Mogote, it is not surprising the relationship was vulnerable.

It is difficult to claim that Monte Albán interfered with marine shell networks in the Late Formative period. Very few intact Late Formative period sites have been excavated, so it is not clear if the decrease in shell at El Palenque is typical or not. Generally, published accounts of shell from sites in the Middle Formative period Rosario phase tend to reference complete ornaments from offering and burial contexts. The nature of production activities during the Middle and Late Formative periods is not well-

understood. It is also possible that larger regional political and economic factors led to an interruption in shell distribution networks affecting sites throughout the Valley of Oaxaca.

Figurines

Table 7.16 - Figurine summary data

	Total Figurines	% with gender identified	Male	Female	Animal
Area M	28	42.9	5	7	1
Area N	13	38.5	3	2	2
Area P	16	37.5	3	3	3
Area X	11	18.2	1	1	4
TOTAL	68		12	13	10

There is an overall decrease in the number of figurines from El Mogote to El Palenque (see Table 7.16). Despite the decrease in the frequency of figurines, there is no change the gender breakdown between the two occupations. At El Mogote, 47% are male and 53% are female. At El Palenque, 50% are male and 50% are female. A closer examination of specific areas shows these patterns generally hold for each individual structure. Area M (Structures 33 and 34) at El Mogote is the only place where there may a slight bias towards female figurines (58% of the Area M assemblage). Another trend is an increase in representations of animals from three animal figurines at El Mogote to seven animal figurines at El Palenque.

This overall decline in figurines from El Mogote to El Palenque is consistent with patterns elsewhere in the Oaxaca Valley. Marcus (1998) notes a sharp decline in figurines between the Middle Formative and Early Classic period. This decrease is attributed to an

increase in social stratification and associated changes to ancestor veneration amongst elites and commoners. Included in this shift is a change in the nature of objects used to represent the ancestors of elites (urns, effigy bottles, incensarios) and the ancestors of commoners (figurines) (Marcus 1998:306). Recent research on the nature of figurines in public buildings and the rulers' residences at the Tilcajete sites has detected a change in the gender breakdown that may be associated with shifts in the rules of succession to public office; the investigators reported a sharp reversal in the relative frequency of female-to-male figureines, from a predominance of females in the Middle Formative to a predominance of males in the Late Formative (Spencer and Redmond, n.d.).

The results from the residential sectors of the the Tilcajete sites suggest that inhabitants of both occupations were emphasizing descent through both sides while the above-mentioned results from the palace and temples show a strong emphasis on one line. The relatively even gender breakdown in the nonelite sectors at both occupations supports the argument that Zapotec societies were likely bilateral; ordinary residents of the Tilcajete sites likely emphasized both lines of descent when venerating ancestors through whom they inherited rights, resources, and property. As discussed in Chapter 6, mortuary practices at El Palenque demonstrate the importance of women as household ancestors. By contrast, ruling families at Tilcajete may have emphasized one line during ancestor venerations, and the figurine data indicate that this line may have changed from the matriline to the patriline during the course of state formation.

A minority of figurines represent animals like dogs and birds. Animals such as dogs and birds were used in ritual and figurines representing them have been interpreted as companions or messengers for ancestors (Marcus 1998:22). There is a slight increase

in the number of animal figurines from El Mogote to El Palenque. The pattern is not robust but could be connected to their changing role in ritual. If human figurines were not as important as tools of ancestor worship and no longer animated through ceremonies, perhaps animal figurines helped maintain connections with ancestors instead.

Characterizing Household Activities

In the following section, I discuss household subsistence activities, ritual practice, and access to resources. As discussed in Chapter 2, these dimensions of domestic life are good indicators of the connections between daily life and larger social change. As routine and vital aspects of household survival and reproduction, the organization of these activities and resources at the micro-scale may bring about larger change or be altered in response to it. After evaluating data from several classes of material, I argue that change was pervasive in all dimensions of domestic life. However, certain daily activities continued. I trace these changes and continuities, identifying possible causes and effects when possible. Changes related to subsistence, ritual, and access to resources indicate that daily life was intimately tied to the process of state formation at the Tilcajete sites and broader regional and macro-regional networks that linked the Tilcajete polity through social, economic, and political ties to other communities within and beyond the Valley of Oaxaca.

Subsistence at the Tilcajete Sites

Subsistence and productive activities at the site were assessed through analyses of ceramic and lithic artifacts. While faunal data are forthcoming, excavations of public buildings indicate that available ingredients remained largely the same, but the techniques of cooking and food preparation show evidence of both continuity and change.

Continuity in the tools and techniques of cooking demonstrate the importance of boiling, soaking, and fermentation and liquid-based foods such as stews as well as roasting of meats. The sudden increase in the frequency of *comales* and the increase and diversification in stone grinding tools indicates the widespread acceptance of dry-food cooking techniques focused on maize into household practice.

The Region and Environment

The timing and tempo of the adoption of different ingredients, tools, and techniques provide important context for understanding the coalescence of techniques that emerges during the Late Formative period at the Tilcajete sites. Early evidence for food practices in Oaxaca dates back to the Archaic period when evidence from Guilá Naquitz suggests mobile foragers consumed a wide variety of plant foods including (agave, nopal, guaje, teosinte/maize, piñon, squash, acorns, hackberries, susí, mesquite, runner beans) (Flannery 1986:315-6). Food remains from the site are among the earliest evidence in the area for the use of domesticated species including squash dated to 10,000 BP (Smith 1997) and maize dated to 5,000 BP (Piperno and Flannery 2001). Other domesticates entered the sequence in Oaxaca later with beans at 2100 BP (Smith 2001), chiles at tentatively dating to 8,000 BP (Perry and Flannery 2007), and turkeys at approximately A.D. 400 (Lapham et al. 2016). Some species may have been imported as Monte Albán expanded its influence beyond the Valley of Oaxaca including tropical fruit species from the Cuicatlán Cañada (Spencer and Redmond 1997:602). Considering the Valley of Oaxaca's long occupation history, many of these species species both wild and cultivated or domesticated have persisted in Oaxacan cuisine.

Food Preparation Tools and Techniques

Ceramics

Braziers found in Early Formative contexts and indicate the importance of a range of techniques. Boiling could be done over braziers or hearths/fires. Boiling requires a deeper vessel suitable for holding liquid (such as a basin or olla). These same vessels can also be used to soaking maize kernels in ash or lime, a process known as nixtamalization, to prepare them for cooking or further processing (Fournier 1998). The final technique discussed here is toasting/grilling. This is the sort of cooking done on a wide, relatively flat surface such as a griddle or comal (Fournier 1998). Many researchers have focused on the sudden increase in comales as evidence of increased social complexity (Biskowski 2017; Feinman 1986; Marcus and Flannery 1996:146).

Features - Hornos

The practice of food preparation and cooking involves a series of techniques many of which have roots in as far back as the archaic period. Roasting may be one of the oldest cooking techniques with roasting pits inferred in the Archaic period as a method for making maguey edible (Callen 1965:342; Flannery 1968:71). Roasting pits (also referred to as ovens or hornos) are found in association with structures in the Early Formative in the Valley of Oaxaca (Winter 1976:29). They are hemispherical or rectangular and 0.6 m to 1 m in diameter. They are characterized by red, burned floors and sides, and concentrations of burnt rocks and ash. These features are considered one of a suite of activity areas used to define the extent of household space. Between 1200-500 BC, these roasting pits are generally found in exterior spaces away from the dwelling. This indicates cooking was done outdoors (Winter 1976:30).

Ground Stone

Ground stone is evidence of the processing of ingredients in preparation for cooking. As discussed above, ground stone has a deep history that predates many of the ingredients (like domesticated maize) processed at the Tilcajete sites (Flannery 1986; Ranere et al. 2009). The earliest ground stone tools were likely used to process wild ingredients like acorns (Flannery 1986: Fig.8.1). The size and shape of ground stone tools is indicative of their purpose as well as use life (Flannery and Marcus 2005:70-1). Ground stone tools were used for more than just grinding maize. They continued to be important for processing a range of wild and domesticated foods. They were also used in ritual contexts for grinding pigments, tobacco, and powdered line (Flannery and Marcus 2005:71).

Ingredients

Ingredients remained relatively similar across the two occupations of the Tilcajete sites. Both sites have evidence for the consumption of maize, dog, deer, peccary, cottontail rabbit, turkey, opossum, jackrabbit, and dove (Redmond and Spencer 2017). Tools and associated techniques show both consistency and sudden change in the nature of food preparation practices. This combination of conservatism and innovation during the Late Formative period are indicative of the coalescence of long-practiced traditions of roasting and boiling with the addition of the comal for toasting and grilling.

Discussion

Ceramic forms are similar indicating the continued importance of liquid-based foods and associated practices of soaking maize (nixtamalization, soaking of maize kernels in an alkaline solution, water mixed with lime and ash), boiling, and possibly

fermentation. However, the shift in focus from multiple liquid-holding vessels to just one indicates a streamlining or simplification of this part of the sequence. Specifically, *ollas*, a constricted mouth vessel, are the most prevalent vessel in café assemblages from both occupations. However, there is shift from multiple forms suited to liquid-holding (ollas, outleaned wall bowls, and "bucket"- style bowls) found at El Mogote to an overwhelming preference for ollas at El Palenque. The prevalence of multiple forms of liquid holding vessels at El Mogote indicates a possible distinction between different stages in the preparation sequence or different methods of cooking. It is possible that ollas were now a multi-purpose vessel used for a wider range of steps in the food processing sequence. The overall decrease in the proportion of café paste ceramics from 29% at El Mogote to 15% at El Palenque may also indicate a streamlining or standardization of the food preparation sequence with fewer cooking pots per household.

Cooking features at both occupations are also indicators of the nature of food preparation activities. At both El Mogote and El Palenque, *hornos* are found in association with house architecture, usually in interior spaces. These pits are often similar in both size and composition. The consistency in the form and location of *hornos* at both occupations indicates a maintenance of the tradition of below-ground roasting or baking. These pits are generally oval with dimensions ranging from 0.6 - 1.2 m. They are cylindrical with evidence of burning on the walls and floors (red, pink, and black staining). They are usually filled with small cobbles, ash (gray and black), and chunks of charcoal. Some contained sherds, animal bone, larger pieces of carbonized plant material. Winter (1976) notes that many early Formative *horno* features were found in exterior areas adjacent to domestic architecture. However, in both occupations of the Tilcajete

sites, these features are found in small rooms inside dwellings. In certain cases, these rooms may have been completely or partially unroofed. House size increases during the Formative period, so their closer association with house architecture is in part due to larger areas of indoor space and closer spacing between houses. The placement of these features inside also indicates their importance to household food preparation.

Roasting pits *(hornos)* are evidence of the deep roots of some aspects of the practice of food preparation. These features are among the earliest evidence for cooking in the Valley of Oaxaca and their use spans the origins of agriculture, sedentism, and the rise of social inequality and political hierarchy. Despite these broader changes, they retain similar sizes, shapes, and forms (Winter 1976:29-30). While roasting or baking is a long process, it is capable of producing large quantities of food. It is difficult to know how frequently these pits were used, but at the Tilcajete sites, it appears they were important elements of the food production sequence. They are found in interior spaces or in very close association with domestic architecture. In some cases, they are at the center of a small room. Despite the many changes to food preparation practices and other aspects of household life, the use of below-ground roasting pits is a standard part of the Oaxacan food preparation practice that has been actively remembered and perpetuated through routine use.

Ground Stone tools at both occupations indicates the importance of grinding maize and processing other ingredients. Similar quantities of basin metates demonstrate people could have ground dry and soaked kernels among other ingredients. The increase in two-hand manos at El Palenque indicates an increase in the quantity and intensity of maize grinding. El Palenque also had an overall increase in the number of ground stone

tools and the diversity in ground stone tool types. This indicates an increase in the number of ways for grinding and processing ingredients. Changes in ground stone tools indicate an increase in investment in processing (grinding) ingredients.

Patterns in the tools and techniques of food preparation indicate a change in cooking and the kinds of foods prepared that coincides with the formation of a state at the Tilcajete sites. The sudden increase in the frequency of *comales* or griddles and the decrease in café *outleaned wall bowls* indicates the widespread acceptance of a dry-food preparation technique. While tortilla-making and other dry food cooking was likely practiced before the production and adoption of special purpose vessels, *comales*, represents the final step in making this technique a formal part of household food preparation sequence (Fournier 1998). The increase in ground stone, particularly two-hand manos, indicates finer grinding and the processing of larger quantities of maize. This change in the process of food preparation and the nature of foods prepared is significant to understanding the change in the nature of daily practice. This may be connected to shifts in the size and composition of households and the nature of life within those households.

Lithic Production at the Tilcajete Sites

Lithic production also shows patterns of change and continuity that increase our understanding of daily life and household practice. As with cooking, stone tool production is a process through which raw materials are transformed through a series of steps into a consumable finished product. The practice of making and retouching stone tools remained relatively constant across both occupations of the Tilcajete sites. Stone working at both El Mogote and El Palenque is ad hoc reduction with no change in the

way that cores are reduced. Despite a decrease in lithic material from El Mogote to El Palenque, retouched flakes and scale pieces remain the most common tool at both occupations. Generally, tools from both occupations are of similar size and show little retouch, indicating a relatively short use-life. It appears that tools were produced and used in consistent ways, so the activities related to stone tool production and use continued relatively unchanged with one exception. Bifaces were recovered only from El Mogote; however, no evidence of their production was found. The lack of bifaces at El Palenque may reflect a change in access rather than a change in behavior.

Despite the overall continuity in behavior related to stone tool production and use, there is a dramatic shift in raw materials. Local resources dominate both assemblages, but at El Mogote medium to coarse volcanic materials are most prevalent while cherts are more common at El Palenque. Despite the consistency in tool behavior and use, the raw materials do change. This could be related to local exchange networks or reflect a growing preference for finer cherts over coarser volcanic materials.

Obsidian shows change in source from Paredón to Guadalupe Victoria (Glascock 2018; see Figures 7.8 and 7.9). This is accompanied by a slight change in behavior. The assemblage at El Mogote had more diversity in production and use. It was generally dominated by blades and blade segments that were likely imported as finished tools (Flannery and Marcus 2005:67; Parry 1987:37). At El Palenque, flakes were the most common obsidian tool. They were generally from the Guadalupe Victoria source which is a lower quality source with nodules available on the surface (Feinman et al. 2018:19). Obsidian from this source was likely imported as nodules and knapped on site. At both Tilcajete occupations, obsidian was a relatively minor part of the assemblage. However, a

change in obsidian source materials likely caused the changes in obsidian tool production. When blades were no longer available for import, the importing of nodules led to the local knapping of obsidian.

Broader Implications of Change and Continuity in Subsistence and Production

The Late Formative period at Tilcajete was a time of change for both the routines of daily life and the other aspects of household practice. Practices surrounding food preparation and stone tool production are marked by both conservatism and innovation. Domestic activities like cooking and tool production are forms of memory and practice. Both concepts of memory and practice refer to the ways we reference previous knowledge and experiences through repeated bodily actions (Bourdieu 1977; Connerton 1989; Mauss 1973). Practice and memory can be conservative, acting as a way of maintaining consistency in over time. However, they are not static or rigid. We found that food preparation techniques at the Tilcajete sites were both stable and innovative. But, practice, including food preparation, can change as a result of a complex series of factors. External variables can exert pressure on available resources. Changes to the environment as well as political and/or economic instability may change or limit available resources and possibly push people to adjust the ingredients, raw materials, and techniques for making household necessities (Logan 2012). Social factors may influence culturally defined tastes. Contact with other groups (through exchange, conquest, or other means) may introduce new resources or redefine tastes (Bourdieu 1984; Wilk 2006). Further, groups or factions seeking something exotic or unique may spark new trends or fashions (Goody 1982). The reasons for change in raw materials and techniques are rarely limited to one variable.

It may be difficult to determine exactly why household practices change, but the motivations are related to how techniques and tools change. Active and embodied practice helps maintain stability through memory both conscious and unconscious. Embodied practice provides a framework for examining/explaining how these techniques change and the significance of the shift. Techniques of food preparation and stone tool production are socially transmitted through a number of different channels so their maintenance and change are related to how they are learned and remembered. Two forms of memory are useful for understanding this process: (1) Discursive or inscribing memory is often transmitted verbally or through writing. It is most commonly associated with conscious memory. (2) Practical or incorporating memory is unconscious or embodied memory. It is considered harder to change because people are not necessarily aware of it. Its conservatism may stem from an active encoding of the past in bodily practice (Connerton 1989; Giddens 1984; Logan 2012).

In the suite of food production activities, the continued use of roasting pits, one of the oldest forms of cooking in the region, is a connection to the deeper past. The continued use of ollas even as other vessel forms fall into disuse indicates a possible standardization or streamlining of certain steps in the food preparation sequence, including soaking (nixtamalization), boiling, steaming, and possibly fermentation. The addition of a new technique, dry-food cooking, to the sequence is a significant change, because it required the creation of a both a new vessel form and a new embodied practice.

The appearance of the comal or griddle represents the coalescence of deeply rooted practices of roasting and boiling with relatively recent practice of dry-cooking on a griddle. Tortillas are a food commonly associated with this new technique. Tortillas are

a relatively fast-cooking and potentially portable food. Many have noted the potential importance of this food to increasing sociopolitical complexity (Biskowski 2017; Feinman 1986; Marcus and Flannery 1996:146). However, it also represents an important addition to the suite of food preparation practices. These practices, when broadly shared, can become a component of identity. The sudden prevalence of comales in the Late Formative period at Tilcajete indcates this practice was shared across the entire community. In this case, the widespread acceptance of griddles represents a change in embodied practice through the formal addition of dry-cooking to the food preparation sequence. This change is significant due to the general conservatism of food preparation techniques as unconscious embodied practice (Mauss 1973; Sutton 2001).

The lithic data indicate the inverse. Source material changed but the practice of tool making remained relatively constant. In this case, embodied practices of knapping small flakes, using them for short periods, and discarding lightly used flakes, continued relatively unchanged. Tool-making was not an elaborate or well-developed craft at the Tilcajete sites. However, stone tools are generally multi-functional, and the persistence of tool types and use patterns indicates that the related activities remained relatively stable. Not every aspect of household life changed in response to state formation.

Changes and continuities in domestic activities illustrate the complex connections between households and larger sociopolitical organization. New developments in household food preparation may relate to an adjustment to household strategies related to increasing household size and possibly change in household composition. It may also relate to larger societal changes. More generally, comales become prevalent the central and Etla arms of the Valley of Oaxaca in the previous Early Monte Albán I phase

(Feinman 1986; Kowlewski 1978). It appears that Tilcajete adoption of the *comal* was part of a broader regional trend. Beyond the Oaxaca Valley region, other areas of Mesoamerica adopted the comal throughout the Formative, Classic, and Postclassic periods. Beyond the Mesoamerican highlands, researchers regard the appearance of the comal as evidence of the southern spread of ideas and practice into polities in Central America (Donner et al. 2019). Continuities in lithic production and use even in the face of changing local and non-local materials indicate that not all activities were equally affected by changes associated with the formation of the state.

Household Ritual Practice

Household ritual practice at the Tilcajete sites was relatively conservative in comparison with subsistence activities. Evidence of household ritual includes figurines, mortuary practices, and decorated ceramics. The earliest figurines in the Oaxaca Valley date to 1600-1400 B.C. and coincide with the earliest sedentary villages. (Marcus 1998:39). Small, portable depictions of humans and animals were necessary in societies organized into corporate kin groups with universal ancestor veneration (Marcus 1998:313). Figurines are connected to rituals performed by women inside of houses. While mens may have appealed to more distant lineage founders in ceremonies outside the home in men's houses and temples, women's rituals took place in domestic space and focused on more recent ancestors (Marcus 2019:3-4). Figurines remained popular though the Early Formative period but began to decline slightly during the Middle Formative period Rosario Phase (Marcus 1998:53). This trend continued through the Monte Albán I phase which saw figurines decline drastically, particularly in high status contexts. As social stratification increased, elites traced their ancestry to *Cociyo*, and created effigy

bottles and other figural ceramics while commoners continued to use figurines (Marcus and Flannery 1996:242).

The trend of decreasing figurines holds at the Tilcajete sites where figurines occur at a higher frequency at El Mogote than El Palenque. However, there were no dramatic differences in the frequency of figurines in elite and commoner areas, but the areas excavated may all be of relatively high status. The decline in figurines as tools in ancestor veneration likely affected women's status within their homes, because they were an important tool in women's ritual communications with ancestors (Marcus 1998:311). However, we find that women were included in multiple burials at El Palenque at similar rates to men. It is possible that the increasing distinction between public and private ritual practice during state formation resulted in a breakdown in the separation between men and women's roles in ancestor veneration as clear distinctions emerged between household vs. public ritual. Generally, the changes associated with ritual objects across the Oaxaca Valley are confirmed by the assemblage at the Tilcajete sites. However, differences in gender composition between the public buildings and the residential sectors indicate that ritual practices in the residential sectors were somewhat conservative as the ratio remained constant in residences but changed in the public buildings.

Decorated ceramics are also related to this change in the nature and subject of ritual practice. The rise of effigy vessels depicting Cociyo and other supernatural elements may have been connected to the decline in figurines. As social status differences grew during state formation, the ancestors of elites became linked to supernatural forces like the Sky serpent/*Cociyo* (Lightning). These sorts of effigy vessels are present at El Palenque, found almost exclusively in burials.

Shifts in the decorations on incised gray ware bowls may also be related to the same larger social process reflected in the replacement of figurines by effigy vessels. The breakdown of corporate groups was likely underway during the Rosario phase, when the frequency of figurines begins to decline (Marcus 1998:55, 313). The designs on the Early Monte Albán I phase type G.15 outleaned wall bowls were likely related to widely shared cosmological ideas much like Middle Formative decorated wares (Flannery and Marcus 2000:13; Grove 1989). Symbols formerly related to the fire serpent (Sky motif) and Earth (line breaks) co-occur in the same household. However, each household emphasized different motifs and had motifs not seen in other excavation areas. These symbols may have no longer been tied to larger descent groups, but it does appear that people were selecting G.15 incised with particular designs possibly to mark some sort of identity, perhaps at the level of the household or extended family.

Mortuary practices also suggest both gradual change in funerary rituals and a possible shift in descent and the identities of ancestors. The increase in frequency of multiple burials at El Palenque relative to both El Mogote and other contemporaneous sites, indicates an emphasis on protracted funerary rites including reopening and revisiting graves. Both men and women were buried in multiple burials, but women were more frequently represented. This is a shift from the previous Early Monte Albán I phase where men were more likely to be included in multiple burials than women. This shift in who was included in multiple burials likely related to a change in the ideas of descent and who qualified as a household ancestor. This may be related to the overall shift in women's ritual and supports the idea that the shift to public and private ritual challenged the division between men and women's ritual that had been prevalent in previous phases.

Despite changes in who was buried, many aspects of funerary ritual remained similar including body position, orientation, offering placement, and the use of capstones. The persistence of behaviors surrounding the creation of graves and the placement of people and objects in them indicates that certain beliefs about treatment of the body remained constant.

Trade Relationships and Access to Resources

Trade relationships within and beyond the Oaxaca Valley reflect the complexity of intra-regional and macro-regional dynamics during a time of sociopolitical change. It is difficult to fully assess if Tilcajete was experiencing these dynamics differently than other settlements because of a lack of household excavations from contemporaneous sites. However, Santo Domingo Tomaltepec provides one point of comparison. Given this limited dataset, I argue that the locations and distributions of local and nonlocal raw materials contributed to the degree to which their distribution could have been controlled. Certain clay and obsidian sources were more susceptible to control and thus were less available to the residents of Tilcajete than other sites in the Oaxaca following the formation of the state at Monte Albán. Shifts in the frequencies of more widely available materials may have been related to changing preferences and trade relationships that were not necessarily directly related to the sociopolitical changes affecting the region.

Locally occurring resources and locally produced goods found at the Tilcajete sites included ceramics and cherts. Some local resources like clays used in gray wares, cherts, and volcanic materials were widely dispersed, easily accessible, and unlikely to be centrally controlled. Change in access to these materials at the Tilcajete sites was not accompanied by any change in behavior. As a result, shifting proportions of widely

available local materials likely reflected preference, convenience, and local relationships. Others resources, like the clays used for cremas and cafés, had more restricted distributions (Minc et al. 2016). Changes in access to *crema* wares could be closely related to the founding and expansion of Monte Albán. Some have argued that the relatively low proportions of *crema* wares are expected given its distance from Monte Albán. *Crema* wares tend to decrease in frequency as distance from the source increases (Feinman and Nicholas 2013:64). However, as discussed below, changes in access must to be compared with other sites to evaluate whether it is typical or anomalous. In this case, it was not just the low percentage of *cremas* in the Tilcajete assemblage. (1) The decline in *cremas* from the Early to Late Monte Albán I phase at Tilcajete indicated a change in exchange relationships between Tilcajete and Monte Albán. (2) The higher frequency of *cremas* in public buildings and lower frequency in residential structures at both occupations indicated differential access within the site itself. A higher frequency of *cremas* in buildings around the civic-ceremonial plaza demonstrated that their presence was related to the political and ceremonial functions of these buildings.

Changes in access to non-local materials like obsidian and shell show how Tilcajete was embedded in the region and macro region. Obsidian sources found in residential sectors at the Tilcajete sites include both central Mexican (Paredón, Pachuca, Otumba, and Ucareo) and Gulf Coast (Guadalupe Victoria and Orizaba). This is common for Formative period sites in the Valley of Oaxaca (Feinman et al. 2018; Pires-Ferreira 1976). The closest sources to the Oaxaca Valley are Guadalupe Victoria and Orizaba. Guadalupe Victoria is closer and more accessible but has lower quality obsidian. It was most prevalent in the Late and Terminal Formative periods. Orizaba was most prevalent

in the Post classic. Generally, the same seven sources were present starting in the Middle Formative period, but the proportions of these sources shifted during the different phases of the Formative period. Material from these sources likely travelled through distinct networks that were variously affected by macro-regional dynamics involving powerful centers near sources (Feinman et al. 2018:28).

At the Tilcajete sites, there was a significant shift in the proportion of obsidian sources from El Mogote to El Palenque. At El Mogote, central Mexican sources predominated, primarily Paredón with Pachuca and Otumba as minor secondary sources. At El Palenque, Guadalupe Victoria dominated while Ucareo was a secondary source. The shift to Guadalupe Victoria in the Late Formative period occupation was consistent with patterns from the broader Oaxaca Valley. Generally, the assemblage at Monte Albán differed from sites in the rest of the valley. The Late/Terminal Formative period was no different. Monte Albán had large amounts of obsidian from Pachuca and other central Mexican sources. While Pachuca obsidian was relatively common at El Mogote, it was absent from the residential sample at El Palenque. Some have argued that these differences are unlikely the result of Monte Albán's control over obsidian. I agree that it is implausible that Monte Albán controlled every obsidian networks. However, it would appear that, during the Late Formative period, Monte Albán had preferential access to central Mexican sources while many other sites in the valley were excluded. Not all obsidian networks were centered around Monte Albán, but the relationship between Monte Albán and Teotihuacan meant that the distribution of certain sources was more tightly controlled. Therefore, Late and Terminal Formative sites with higher quantities of central Mexican obsidian may have had closer ties to Monte Albán.

For example, during the Late Monte Albán I period at Santo Domingo Tomaltepec, there is a decline in the overall quantity of obsidian (from 50 pieces in the Middle Formative to 20 pieces in the Late Formative). This was consistent with the transition from El Mogote to El Palenque where there was also a decline in access to obsidian. However, at Tomaltepec, green obsidian (presumed to be from the Pachuca source) in the form of blades and blade segments dominates the assemblage (Whalen 1981:103, 182. The decline in the frequency of obsidian may have been related to forces beyond the Valley of Oaxaca as it appears to have affected sites in different areas of the valley. However, access to obsidian from central Mexican sources may have been related to a settlement's relationship with Monte Albán as it appears that some sites continued to acquire green obsidian while others were excluded.

Access to another long-distance exchange good, marine shell, also declines during the Late Formative. At Tomaltepec, there is an increase in shell from 6 pieces during the Middle Formative period (mostly freshwater clam) during the Middle Formative period to 13 (mostly from the pacific coast) during the Late Formative (Whalen 1981:103, 171). When normalized against the number of sherds, both occupations have about 6-7 pieces of shell per 1000 rims. However, the increase in number and the shift to Pacific coast shell indicate a slight increase in access at Tomaltepec. The opposite is true at the Tilcajete sites. Shell counts decrease from 33 at El Mogote to 7 at El Palenque. Generally, shell is uncommon, occurring at a rate of 3.3 pieces per 1000 rims at El Mogote and 0.6 pieces per 1000 rims at El Palenque. The Terminal Formative occupation at SMT-23 has a total of 118 pieces of shell from four structures (Elson 2007:123).

Marine shell occurs at relatively low levels at both Tilcajete and Tomaltepec suggesting limited access to those long-distance exchange networks. However, at Tilcajete, that access decreased during the Late Formative period only to return in the Terminal Formative period when SMT-23 may have represented an outpost of Monte Albán. Survey data from the Ejutla valley have indicated that the Late Formative was a period of transition in which settlements became larger, more centralized, and focused on the trade route connecting Ejutla with the Valley of Oaxaca (Feinman and Nicholas 2013). Similarly, Miahuatlán was in a period of transition implied by the appearance of several new settlements in the Terminal period (Brockington 1973; Marcus and Flannery 1996:200-1. Late Monte Albán I was a transitional phase for regions between the Oaxaca Valley and the Pacific coast. During this period, some settlements in the Oaxaca Valley continued to have access to marine shell while others lost it. This is likely related to macro-regional dynamics associated with the reorganization of settlement and trade networks in these areas.

Conclusions

Patterns in different artifact classes provide important information about changing activities, access to resources, and identities of the inhabitants of the Tilcajete settlements during the time of state formation. The process of food preparation is streamlined as the *olla* becomes the primary liquid-holding vessel. The adoption of the comal indicates the importance of tortillas for provisioning households. The change coincides with the formation of the state at the Tilcajete sites. It is significant because it does not appear to be accompanied by a change in ingredients. People may have changed how they prepared food but not what they prepared. This shift in embodied practice is related to increasing

household size and a possible change in composition. The change in technology for grinding and cooking masa may also be related to changes in the organization of household labor in the face of changing demands.

Not all household activities changed as rapidly. Artifacts associated with household ritual like figurines and effigy vessels exhibited more gradual changes in frequency, and no artifact class was fully replaced. This slow change unfolded alongside shifts in mortuary practice such as an increase in multiple burials. Together, these aspets of household ritual suggest that the of the role of ancestors was changing. The members of households may have made adjustments to the participants and paraphernalia involved in household ritual as new pubic rituals took on a greater role with the formation of the state.

At a larger scale, local and long-distance goods reflect the growing influence of Monte Albán. Obsidian from central Mexico and cremas are indicators of the political relationships with the capital. The decrease in access to these items at El Palenque indicates a lack of interaction between these two centers. Other items like marine shell may be related to Monte Albán's growing influence over trade or reflect more subtle changes to exchange networks with more distant regions. Locally produced decorated gray wares at both occupations have symbolic motifs showing broad sharing of ideas. Despite political interference, the residents of Tilcajete had certain shared social ties and cosmological beliefs with other groups in and beyond the Oaxaca Valley. The sociopolitical transformations within the Oaxaca Valley and throughout Mesoamerica influenced life at Tilcajete whose inhabitants made certain adjustments to their daily activities like cooking. However, they also chose to continue practicing certain household

rituals and mundane tasks much as they had for centuries. This is significant in light of changes to house layouts and the arrangement of space. The effects of state formation influenced and involved many different aspects of domestic life.

Chapter 8 - Discussion and Conclusions

At the beginning of this study, I introduced the proposition that macroevolutionary social change is pervasive and transformative, affecting all dimensions of life. In the preceding chapters, I have presented data related to architecture, mortuary practices, domestic activities, and trade from the Tilcajete sites and the Oaxaca Valley. In this final chapter, I return to the models and expectations outlined in Chapter 2 to explore the nature and timing of the observed changes in three dimensions of life: economic, social, and ritual (see Table 8.1). I argue that most of the changes I observed coincide with the episode of state formation at the Tilcajete sites. Some of these changes are directly related to site-level phenomena. However, others may be more directly connected to changes unfolding on a regional and macro-regional scale. The convergence of these multi-scalar, multi-dimensional changes at Tilcajete and other sites across the Oaxaca Valley make this period and this change exceptional.

Societies regularly experience shifts, ruptures, and reorganizations in social norms, political institutions, economic networks, or ideological beliefs. However, truly transformative, irreversible change occurs only when these happen at the same time across the majority of societal dimensions. This means that macroevolutionary social change cannot be fully understood without a household perspective. Households provide a rich dataset on the majority of the population's social, economic, political, and ideological relationships and activities. All aspects of society contribute and react to

social evolutionary changes, so all must be investigated to gain a comprehensive perspective on the way human societies are transformed. In the Valley of Oaxaca, the Early Monte Albán I (500-300 B.C.) and Late Monte Albán I phases (300-100 B.C.) were such a time of macroevolutionary social change. This study builds on previous work at Tilcajete and across the Oaxaca Valley to provide a comprehensive dataset for state formation as macroevolutionary social change.

Table 8.1 - Hypotheses

Model	Material Correlates and Archaeological Patterning
State formation primarily affects the supra-household political sphere with **minimal impact across households.**	There are broad similarities between Early Monte Albán I and Late Monte Albán I houses at El Mogote and El Palenque. 1) **Economic**. Access to resources such as plant and animal food and methods of food production/preparation remain constant. Exotic materials such as obsidian, shell, and ceramics have relatively similar frequencies across all houses. Craft and other non-food subsistence activities remain the same. 2) **Social.** House and neighborhood composition remain the same. House construction, size, and storage facilities are similar across both sites. 3) **Ritual**. The tools and patterns of household ritual occur in similar frequencies.
State formation affects **some activity spheres** across all households with the some of variation based on in household socioeconomic status.	1) **Economic.** *Access to resources is different for households at El Mogote.* Food production and crafting may show *increased diversity* due to new, more extensive trade networks. Or, they may show a *decrease in diversity* because Monte Albán, a larger and more powerful state than Tilcajete, was restricting access to various intra- and inter-regional trade networks. 2) **Social**. *Household and neighborhood composition differt at El Palenque*. We may see an *enlargement of houses* indicating a shift to extended family residences or the inclusion of non-related individuals in the household, indicating a need for defense and/or an increase household labor to meet tribute demands. At a larger spatial scale, *more densely settled neighborhoods* may indicate new organization of intra-site exchange and cooperation and a need for defense. 3) **Ritual.** *Ritual activity is different in houses at El Palenque.* There may be a *decrease in domestic ritual items* such as figurines and incense burners representing a shift in the locus of ritual activity from domestic to public sphere. Or, there may be *more marked differences* in the tools and items associated with ritual *in the household vs. public sectors* of the site, representing a divergence in household and public ritual activities.

Summary of Findings

Alternative hypotheses were outlined in Chapter 2 (see Table 8.1). The data from household excavations at both occupations of the Tilcajete sites support the third hypothesis, that state formation affects all activity spheres with some variation based on household socioeconomic status. The effects of state formation are visible across multiple dimensions of household life. (1) There were differences in available resources and/or resource-processing artifacts including ceramics, ground stone, cherts, volcanic materials, obsidian, and marine shell. I also found some change in the nature and intensity of craft and food preparation activities reflecting a reorganization of household economic strategies. (2) There were distinct changes in house composition between El Mogote (Early Monte Albán I phase) and El Palenque (Late Monte Albán I phase). This is supported by changes in house size, construction techniques, and configuration related to the number of occupants, and the spatial distribution of household activities. (3) I found both change and continuity in ritual objects and behavior. Both sites had relatively low quantities of ritual paraphernalia (*incensarios* and *sahumadores* (incense burners), braziers, figurines, and effigy vessels). However, subtle changes in the nature and frequency of ritual items indicates that the practice and focus of household ritual was changing. Mortuary rites also underwent some gradual change related to the number and identity of individuals chosen for burial.

Status can be related to socioeconomic factors, political influence, or other rights and privileges held by an individual or group. I make comparisons between the residential sectors and public buildings to highlight differences related to political status. Based on comparisons among households and between households and public buildings, I

argue that both political and socioeconomic status influenced the experience of state formation. All households at Tilcajete, regardless of status, underwent change at the time of state formation.

I compared the architecture and assemblages of excavated houses to examine socioeconomic status. Specifically, I considered access to certain materials like marine shell, *crema* paste pottery, and obsidian as well as differences in house size, investment in materials, construction techniques, and proximity to the civic ceremonial plaza. Some differences between houses may reflect family size or life stages of household members. However, when taken together, these different lines of evidence suggest that status differences existed at the Tilcajete sites. However, higher status households are likely overrepresented in the current dataset, potentially obscuring divisions between elites and commoners.

The Economic Dimension

Table 8.2 - Economic dimensions

Dimension		Correlate	Nature of Change at El Palenque	Timing of Change	Regional Comparison
Economic	**Local Resources**	**Crema**	Decline in frequency at El Palenque	Coincides with state formation	No decline at Monte Albán
		Café	Decline in frequency at El Palenque	Coincides with state formation	
		Gris	Increase in frequency at El Palenque	Coincides with state formation	
		Cherts	Increase in frequency at El Palenque. No change in knapping techniques	Coincides with state formation.	
		Volcanic Materials	Decline in frequency at El Palenque. No change in knapping techniques	Coincides with state formation.	
		Ground Stone	Increase in frequency and diversity at El Palenque	Coincides with state formation	

Dimension		Correlate	Nature of Change at El Palenque	Timing of Change	Regional Comparison
		Food Preparation	Increase in frequency of café comales and ollas, two-hand manos, and molcajetes. Decrease in café outleaned wall bowls at El Palenque	Coincides with state formation	Similar changes occurs at Monte Albán but in the Early Monte Albán I period
	Nonlocal Resources	**Obsidian**	Decline in frequency and a change in the major source at El Palenque.	Coincides with state formation	Differs from Monte Albán and Tomaltepec
		Marine Shell	Decline in frequency at El Palenque	Coincides with state formation	May differ from Tomaltepec
		Ceramics	Appear to decline in frequency at El Palenque. However, ongoing INAA studies will provide more reliable data.	Coincides with state formation	

Access to raw materials from local and nonlocal sources generally show a decrease in the diversity of available resources at the Tilcajete sites. Changes in quantities of local resources indicate subtle shifts in preferences and/or local trade relationships that coincide with the episode of secondary state formation at Tilcajete. Decreases in *crema* paste ceramics, which had more restricted raw material sources, indicate a decreased interaction between Tilcajete and Monte Albán (Minc et al. 2016; Spencer et al. 2008). *Crema* paste ceramics were made in the immediate vicinity of Monte Albán and are indicative of a relationship, possibly political, with that site (Elson and Sherman 2007). While frequencies of *crema* paste ceramics are expected to decrease as distance from Monte Albán increases, that only explains their relative infrequency at the Tilcajete sites (Feinman and Nicholas 2013:64). The sharp decline in the relative frequency of *cremas*

from El Mogote to El Palenque in both public and domestic buildings as well as differential access in public vs. domestic spaces indicates that access to cremas can serve as a correlate of political status.

Locally produced gray paste ceramics increased in frequency at El Palenque. The increase in gray paste ceramics could be an attempt to compensate for the decrease in café paste ceramics with locally available wares. However, gray paste ceramics also exhibited a distinct shift in decorative motifs with the sudden appearance and widespread popularity of the G.12, a utilitarian bowl. In this case, local production and preference were likely connected to a broader cultural phenomenon that was related to state formation and the expansion of Monte Albán (Feinman 1986). Increases in cherts and decreases in other coarse to medium volcanic materials similarly reflected a possible change in preference for higher quality local material. However, the change in raw material might also have been connected to decreasing access to high quality lithic materials like obsidian.

Nonlocal resources show a definite decrease in diversity related to regional and macro-regional change. During the Late Monte Albán I phase, occupants at Tilcajete had limited access to obsidian, marine shell, and imported ceramics in comparison with quantities observed in the Early Monte Albán I phase. These materials likely traveled through different trade networks, as they came from any number sources from across Mesoamerica including the Gulf Coast, the Basin of Mexico, western Mexico, and the Pacific Coast (Feinman et al. 2018). Given the rise of complex polities and states in these various regions, it is likely that interruptions to long distance exchange were caused by macro-regional scale dynamics. As an increasingly powerful state, Monte Albán likely

played a role in manipulating and restricting access to some of these networks but not all. For example, Tilcajete continued to have access to obsidian from the Guadalupe Victoria source while Santo Domingo Tomaltepec continued to have access to central Mexican obsidian (Whalen 1981).

Through crafting and subsistence activities people made use of local and nonlocal resources in their household subsistence strategies and created new techniques or adapted to new materials as they remade subsistence strategies. Changes in both resources and behavior reveal the development of new strategies or adaptation of new materials to existing activities. Major changes in food preparation activities stand in contrast to continuities in stone tool production. Resources and ingredients associated with food preparation probably did not change; however, increases in *ollas*, *comales*, two-hand manos, and *molcajetes* (ground stone bowls) indicate that the tools and techniques of preparation became more specialized while cooking techniques diversified. The increase in cherts and import of obsidian nodules instead of prismatic blades was a change in raw material observed during the Late Monte Albán I phase, but ad hoc flaking behavior remained consistent with what had been practiced in the Early Monte Albán I phase. Some activities were preserved, even in the face of changing resources while others were remade in contexts of resources continuity.

The Social Dimension

Table 8.3 - Social dimensions

Dimension		Correlate	Nature of Change at El Palenque	Timing of Change	Regional Comparison
Social	**Household Composition**	**House size**	Increases at El Palenque	Coincides with state formation	

Dimension		Correlate	Nature of Change at El Palenque	Timing of Change	Regional Comparison
		House layout	Patio-centered layout becomes popular at El Palenque, but is first found on Mound A at El Mogote	Predates state formation for the ruler's residence only	Elite patio-centered house emerged at San José Mogote in the Rosario phase.
		House use life	Fewer alterations at El Palenque	Coincides with state formation	
		House construction	More evidence for planning and investment in materials.	Coincides with state formation	
		Neighborhoods	High density at El Palenque but difficult to assess at El Mogote	Unknown	

The increase in size and investment in domestic architecture indicate larger groups constructed and occupied houses at El Palenque. Fewer alterations were made to house structures during their use lives at El Palenque than at El Mogote. This indicates a large investment in planning and construction at the initial stages of building the dwelling in Late Monte Albán I. The lack of renovations, and alterations indicate a consistent use of the space over several generations of house occupants. This was a dramatic shift from the earlier El Mogote occupation where houses were relatively large, but they reached that size over the course of their occupation as a result of frequent additions and alterations. The more ad hoc pattern of growth through accretion was evidence of a smaller initial investment in labor and materials and a more consistent investment in construction over time in Early Monte Albán I.

Internally, the size and shape of rooms as well as the placement of hearths remains constant across the two occupations. However, the arrangement of rooms or layout changes dramatically. The layout of houses went from a series of rows of up to three rooms to a series of rooms around 3-4 sides of a central patio. The increase in house symmetry and internal accessibility indicated a centralization of household activities. The patios also provided a formalized interior space for gatherings of household members and, at times, visitors. This change underscored the importance of the household as a place of social integration, also perhaps a more standardized template for house construction. I examined neighboring houses houses in two different areas of El Palenque to assess social organization above the level of the household. It is not possible to describe the organization of neighborhoods at El Mogote, but house proximity at El Palenque indicates that neighborhoods there were somewhat dense and contained one-patio and two-patio structures. The close proximity between houses at El Palenque could have been due to an increased need for defense. The short distances between houses with different numbers of patios may have been the result of the expansion of extended family households to neighboring structures.

The planning and standardization observed at El Palenque coincided with changes to floor plans of public buildings around the civic ceremonial plaza. As in the public sphere, it indicates the household became an important social institution during state formation. Internal changes to house layout demonstrate the emergence of communal household space that provided a context for families to gather together with relatives and visitors. The formalization of the institution of the household during the Monte Albán I

phase is likely connected to the increasing centralization of authority and specialization of roles associated with state formation.

The Ritual Dimension

Table 8.4 - Ritual dimensions

Dimension		Correlate	Nature of Change at El Palenque	Timing of Change	Regional Comparison
Ritual	**Domestic Ritual**	**Figurines**	Decline in frequency at El Palenque. No change in gender ratio in non-elite residences	Coincides with state formation	Begin to decline in the Rosario Phase at San José Mogote
		Effigy Vessels (not including eccentric rim bowls)	Increase in frequency at El Palenque	Coincides with state formation	
		Braziers	Slight increase in frequency at El Palenque.		
		Incensarios	Slight increase in frequency at El Palenque.		
	Mortuary Ritual	**Burial Treatment**	Increase in multiple burials.	Coincides with state formation	
		Burial Population	Increase in the frequency of female individuals in multiple burials.	Coincides with state formation	

Changes in domestic ritual are gradual, indicating this dimension is more conservative than the others discussed above. Ritual paraphernalia in non-elite private residences showed small shifts like the decrease in figurines and slight increases in effigy vessels, braziers, and incensarios. While these changes are gradual, they indicate an incremental remaking of domestic ritual. Figurines are associated with women's ritual and more immediate ancestors (Marcus 1998). The use of effigy vessels, braziers, and

incensarios became common throughoug the Oaxaca Valley in Monte Albán I phase and served a similar purpose of communication with ancestors. However, it was associated with high status families who traced their descent to supernatural figures (Marcus 1998:55). Plain braziers and incensarios appeared alongside more elaborate ritual items and were used in a broader range of household rituals.

Mortuary ritual is another component of household practice. Major changes include the increase in multiple burials and the inclusion of more female individuals in those contexts. Some long-held traditions continued. For example, figurines were placed in burials continuing women and children at El Palenque and SMT-23 (Elson 2007), a practice that goes back to the Tierras Largas phase (Marcus 1998:25). The inclusion of more female individuals in multiple burials also indicated their importance as household ancestors. Further, the increase in multiple burials coupled with the replacement of figurines with effigy vessels indicated a gradual change in the practice of ancestor veneration and a new focus on supernatural ancestors.

As the household apparently emerged as an increasingly formalized social institution, ritual supported cohesion amongst members. New ritual paraphernalia like incensarios could have been used in a broad range of household ceremonies. Further, changes in who was buried and how they were honored show that household mortuary practices contributed to the maintenance of intergenerational bonds and household identity. In the Valley of Oaxaca's sequence of evolving ritual institutions, Men's Houses were replaced by one-room temples, and one-room temples were replaced by two-room temples (Flannery and Marcus 2015). This final form emerged during state formation and indicates that only religious specialists had the authority and knowledge to conduct

certain rituals (Redmond and Spencer 2013). As a result, the household remained as a venue for performing self-directed ritual practice, which could have resulted in the breakdown of former gender-related roles in ritual practice. This is visible in the decline of figurines but also the rise in women included in multiple burials. There may have been a re-organization in the nature of household ritual and the roles of men and women. Women may have increasingly been considered important ancestors and their role as holders and transmitters of property and knowledge in a bilateral society may have gained more recognition. The household took on a significant role as a context for ritual as temples became more exclusive, dominated by full-time specialists (Marcus and Flannery 2004; Redmond and Spencer 2013).

Convergence of Change across Multiple Scales and Dimensions

This study began with two major research questions: **(1) How were households organized in the Early Monte Albán I phase (500-300 B.C.)? Did their organization create favorable conditions for the emergence of increased socio-political complexity? (2) What were the effects (if any), at the household level, of the political institutional transformations documented during the Late Monte Albán I phase (300-100 B.C.)? Did household organization, economic activities, and ritual practices at El Mogote and El Palenque remain constant or experience changes concurrent with those seen in the civic-ceremonial plazas?**

During the Early Monte Albán I phase, houses were likely organized as extended family units. They supported themselves through farming, exchange with other settlements within the Oaxaca Valley for local resources, and trade involving long-distance trade networks connected to central Mexico (obsidian) and the Pacific coast (to

obtain small amounts of marine shell). Household members produced flake tools from local and non-local materials, occasionally made shell ornaments, and prepared an array of foods, including stews and roasted meats. They almost certainly dealt with local violence and hostilities as evidenced by the destruction and rebuilding of the Area M Structure 34 platform. They engaged in certain household rituals like the burial of the dead and the veneration of ancestors. These ritual practices may have already begun to change in the preceding Rosario phase with the breakdown of larger corporate groups (Marcus 1998). They may have chosen to express household identity by selecting gray ware bowls decorated with incised motifs connected to cosmological symbols.

During the Late Monte Albán I phase, household organization changed dramatically. People continued to live in extended family households, but it appears that some households grew much larger to accommodate many more members. This increase in house size was accompanied by the emergence of a formalized central patio that served as the architectural pivot of the household and where many domestic activities took place. People likely continued to farm in the area and participate in local exchange. However, their access to and preference for items like *crema* paste ceramics declined while access to and preference for locally produced gray paste ceramics and cherts increased. Long distance trade was also interrupted. Lower quality obsidian was obtained in smaller quantities from the source closest to the Oaxaca Valley while Monte Albán monopolized trade with central Mexico. People at Tilcajete also lost access to marine shell. Household activities continued to include producing flake tools. However, food preparation focused on grinding a variety of ingredients to a range of textures. These ingredients could be soaked, boiled, or steamed. Roasted meat was also eaten. However, the sudden popularity

of the comal indicates that toasted or dry-cooked foods like tortillas took on an increasingly important role. These quick-cooking foods likely helped sustain large households. Domestic ritual continued to include figurines in small quantities and expanded to include other implements like braziers, incensarios, and effigy vessels. Mortuary ritual also expanded to include multiple burials where both women and men were recognized as ancestors.

The household-level changes observed at the Tilcajete sites were dramatic and pervasive, affecting and involving multiple dimensions of everyday life. Most of these changes coincided with the episode of independent state formation at the site of El Palenque where transformed political and ideological institutions emerged. This transformation was also connected to the founding and expansion of Monte Albán as well as the rise of powerful centers across Mesoamerica. Tilcajete was connected to these other centers through political, economic, and social ties. The data reported here are thus not consistent with a view of domestic or private life as separate from public institutions. I conclude instead that the households at Tilcajete were directly connected to broader regional and macro regional networks and actively participated in the dynamics that shaped the trajectory of social change. During state formation, households became institutions that persisted and shaped the trajectory of sociopolitical development for centuries.

Future Directions

While this study has answered some questions, it has generated many more. One important avenue for future research is neighborhoods. Neighborhood studies contribute significantly to our understandings of sociopolitical change because they provide insights

on an intermediate scale of analysis— between the house and the state. An exclusive focus on houses or polities may result in different kinds or scales of analysis (Arnauld et al. eds. 2012). Households are linked into neighborhoods and neighborhoods are integrated into communities in different ways. The nature of these connections has important implications for understanding how new forms of economic, political, and social organization emerged (Marcus 2009). Those in leadership positions may attempt to channel, co-opt, or control certain aspects of these networks. The way different strategies, goals, and decisions come together shapes political and settlement systems. Increasing sociopolitical complexity is also associated with increasing size and density of settlements. Settlements with larger and more diverse populations present new challenges for residents and leaders alike. Understanding internal organization patterns can provide information about the identities, activities, and strategies of a wide variety of residents living in large settlements.

Another avenue for further exploration involves the identities of the Oaxaca Valley inhabitants who participatied in this transformative change. Work in the Etla branch has provided important frameworks for thinking about population movement within the valley at this time. Further, many have noted the unprecedented population growth during the Monte Albán I phase, and have suggested that the Valley of Oaxaca's population growth may have been bolstered by migration from other regions (Feinman and Nicholas 2013:64; Marcus 1998:56). Given the growth of the Tilcajete polity during the Late Monte Albán I phase and the nature of household change, a study of mobility using isotopic analyses of human remains would contribute a great deal to our understanding of the relationships between the Oaxaca Valley and surrounding regions as

well as the identities of the people participating in this massive social evolutionary transformation.

Appendices

Appendix A – Ceramic Coding Scheme for El Mogote

Tilcajete Project: El Mogote Ceramic Coding Scheme (updated Aug. 2014)

I. Wares (mutually exclusive and exhaustive)

V101 – #1 – TOTDIAGS – Total number of diagnostic sherds (i.e., rims, base angles, decorated bodies, sherds with special form features)
V102 – #2 – WTDIAGS – Total weight of diagnostic sherds (in grams)
V103 – #3 – GRAYDIAGS – Total number of gray diagnostic sherds (includes Soccoro Fine Gray)
V104 – #4 – CAFEDIAGS – Total number of café diagnostic sherds
V105 – #5 – CREMADIAGS – Total number of crema diagnostic sherds; any crema (rims, bodies, etc.) is a diagnostic
V106 – #6 – AMARILLODIAGS – Total number of amarillo diagnostic sherds; any amarillo is a diagnostic
VAYW – #7 – ATOYAC – Total number of Atoyac Yellow-White diagnostic sherds; any Atoyac Yellow-White sherd is diagnostic
VLG – #8 – LEANDRO – Total number of Leandro Gray diagnostic sherds; any Leandro Gray sherd is diagnostic
VFC – 9 – FIDENCIO – Total number of Fidencio Coarse diagnostics; any Fidencio Coarse sherd is diagnostic
VGBB – #10 – GUADBURN – Total number of Guadalupe Burnished Brown diagnostics; any Guadalupe Burnished Brown sherd is diagnostic
VSJRW – #11 – SANJOSERW – Total number of San José Red on White diagnostics; any San José Red on White sherd is diagnostic
VAROB – #12 – AVELINA – Total number of Avelina Red on Buff diagnostics; any Avelina Red on Buff sherd is diagnostic
VMO – #13 – MATADAMAS – Total number of Matadamas Orange or Matadamas Red diagnostics; any sherd of these wares is diagnostic
V107 – #14 – OTHER – Total number of sherds of other wares (specify)
V108 – #15 – INDET – Total number of sherds of indeterminate wares
V109 – #16 – NONDIAGGRAY – Total number of nondiagnostic gray body sherds (intentionally saved bodies, not weighed)
V110 – #17 – NONDIAGCAFE – Total number of nondiagnostic café body sherds (intentionally saved bodies, not weighed; note that V110 and V109 were recorded

only for those proveniences where all sherds (diagnostics plus nondiagnostics) were saved

VCB – #18 – CREMABOD – Total number of crema bodies; not used—see V105

VCRB – #19 – CLEMENTINA – Total number of Clementina Red on Buff diagnostics; any sherd of this ware is diagnostic

VSFG -- #20 – SOCORRO – Total number of Socorro Fine Gray diagnostics (NOTE: this is an independent variable; recorded regardless of other variables; these sherds will have also been counted as part of V103)

VXOCH -- #21 – XOCH – Xochiltepec White

VSJSR – #22 – SAN JOSE SPEC RED – San José Specular Red

VLMW – #23 – LA MINA WHITE – La Mina White

VDW – #24 – DELIA WHITE – Delia White

VAYWEMOI – #25 – ATOYAC INT MATADAMAS EXT – Atoyac Yellow-White Exterior Matadamas Orange Interior

VSJBW – #26 – SAN JOSE BL ON WH—San José Black on White

VOB – #27 – OCOS BL – Ocós Black

VTLBP – #28 – TIERRAS LARGAS BURN PL – Tierras Largas Burnished Plain

VDFG – #29 – DELFINA FINE GR – Delfina Fine Gray

VLHP – #30 – LUPITA HEAVY PL – Lupita Heavy Plain

II. CBA Types (mutually exclusive and exhaustive)

V111 – #1 – G.1 – Plain grayware, no dec., no burnishing; rims and base angles only; miscellaneous category; V111 is essentially interchangeable with V130; V111 and V130 should probably be lumped in any future analyses

V112 – #2 – G.2 – Apaxtli fragments (rims and base angles)

V113 – #3 – G.3/G.7/G.30 - "Gris-cremosa," no incising

V114 – #4 – G.5 – Burnished strip on interior rim

V115 – #5 – G.12 – Two lines (sometimes 1, sometimes 3) incised on interior rim

V116 – #6 – G.12 – Combing on the interior bottom

V117 – #7 – G.12 – Rim-to-base sections with incising on interior rim plus combing on interior bottom

V118 – #8 – G.13 – Incising on vessel exterior, seen on OWB, CWB, IRB, vasos, jars, bottles (rims and bodies); includes potstands with "Carretera-style" incising (see CBA fig. 158, p. 193)

V119 – #9 – G.15 – Incising on OWB with outcurving or outflaring to horizontal rims, sometimes also on vasos, jars; includes line breaks, other motifs, but no eccentric rims or bodies

V120 – #10 – G.16 – Like G.15, except with cross-hatching

V121 – #11 – G.17 – Effigy vessels; plates, bowls, jars, bottles; includes fish plates, ovate-pinced vessels, eccentric rims; rims and bodies (see CBA fig. 12, p. 34)

V122 – #12 – G.18 – An oxidized G.17

V123 – #13 – G.21 – Stick or cane incising on the interior bottom

V124 – #14 – G.9/G.23 – Carving on vessel exterior, usually bowls; rims and bodies

V125 – #15 – G.24 – Pattern burnishing on interior bottom (CBA, p. 35)

V126 – #16 – G.25 – Vessels with basal flanges; also found at inflection points; non-rim flanges; rims and bodies (CBA, p. 37)
V127 – #17 – G. 26 – Vessels with rim flanges; rims and bodies (CBA, p. 37)
V128 – #18 – G.32 – Vessels with petate impressions
V129 – #19 – G.33 – Vessels with palm impressions
V130 – #20 – Other/indeterminate gris sherds, includes Socorro Fine Gray
V131 – #21 – C.1 – Plain crema; no decoration, no burnishing, no slip.
V132 – #22 – C.2 – Red paint/wash, unburnished; rims and bodies
V133 – #23 – C.3 – Like C.1, but with smudging; rims and bodies
V134 – #24 – C.4 – Red paint, burnished, almost like red enamel in appearance; rims and bodies
V135 – #25 – C.4 – Suchilquitongo plates with C.4 paint (a very few have a C.2-like finish); rims and bodies (CBA, fig. 21, third and fourth rows, p. 42; Drennan 1976, p. 26, 56)
V136 – #26 – C.5 – White slip, usually on a thick-walled vessel, e.g., potstand bases; rims and bodies
V137 – #27 – C.6 – Light brown through medium-dark brown, sometimes reddish brown; usually a thin-walled vessel; sometimes slipped or a wash; rims and bodies
V138 – #28 – C.7 – Streaky red and orange finish; paint plus slip; usually a thin-walled vessel
V139 – #29 – C.11 – Scratched designs on a reddish-orange, C.7-type finish; rims and bodies
V140 – #30 – C.12 – Scratched designs on a black or dark brown surface; rims and bodies
V141 – #31 – C.13 – A thicker, somewhat cruder version of a C.7; rims and bodies
V142 – #32 – C.20 – A glossy black finish, slipped; rims and bodies; on rare occasions, can have painted stucco and, if so, should be noted in comments
V143 – #33 – Other/indeterminate crema sherds; rims and bodies
V144 – #34 – K.3 – A café-paste version of a C.4, C.4 Suchilquitongo plate, C.6, C.7, or C.13; rims and bodies
V145 – #35 – K.6 – Black slip with incised lines, like a café version of a G.15; rims and bodies
V146 – #36 – K.7/K.8 – Bowls with clearly incised lines on interior rim; rims and bodies
V147 – #37 – K.12 – Apaxtli fragments, no paint; rims and base angles
V148 – #38 – K.19 – Comal fragments; rims only
V149 – #39 – Other/indeterminate café
V150 -- #40 – White-slipped café (like an imitation C.5, not lime encrusted); rims and bodies
V151 -- #41 – G.3M (CBA, p. 448, Tabla XVIII); rims and base angles only

III. Gray Vessel Forms (mutually exclusive and exhaustive)

V155 – #1 – OWB (outleaned-wall bowl) rims
V156 – #2 – CWB (convex-wall bowl) rims
V157 – #3 – IRB (incurved-rim bowl) rims
V158 – #4 – CSB (composite silhouette bowl) with no rim flange

V159 – #5 – Vaso ("cylindrical bowl") rims, no rim flange; this is a general category of cylindrical and steep-walled vessels; may also include examples of what Drennan (1976) has called "wide-mouthed ollas"; see V193 for wide-mouth ollas with incising on exterior; V159 and V193 should probably be lumped in future analyses

V160 – #6 – Plate rims, includes rims that are not obvious fish plates, includes plates with everted rims and plates with small exterior rim flanges (which sometimes have a single incised line, like CBA fig. 14, fifth row, last example on the right, called G.26 in the CBA system)

V161 – #7 – CSB (composite silhouette bowl) rims, with rim flange or everted rim (Early MA I type); like Fig. 138 in CBA.

V162 – #8 – Shallow cylindrical bowls, usually with a direct or, less often, with a steeply flaring rim, with a basal flange or sharp basal inflection; those with a basal flange are coded as G.25 in the CBA system); base angles with flanges that do not have rims of this form are coded as V184; Note: V162 and V184 probably refer to the same vessel form, but, if the sherd has a rim, it is coded as V162; see Spencer & Redmond 1997:177, SI-95

V163 – #9 – Ovate, pinched-rim bowl rims; "shell-shaped" vessels

V164 – #10 – Olla rims

V165 – #11 – Mini-olla rims

V166 – #12 – Tecomate rims

V167 – #13 – Potstand bases (rims, joins, base angles)

V168 – #14 – Effigy vessels (not fish plates); rims and bodies; includes bowls, plates, jars, bottles, etc.

V169 – #15 – Fish plates; rims and bodies (see CBA, fig. 114-115, p. 163); Late MA I diagnostic

V170 – #16 – Apaxtli rims or base angles

V171 – #17 – Tubes; rims and bodies; usually circular in cross-section (different from V190); often have calcium deposits on interior surface

V172 – #18 – Urn fragments (recorded and removed for separate analysis)

V173 – #19 – not used as of Aug. 2002; in 2014, coding El Palenque material, we used V173 for gray brazier rims and bodies; can be crudely-made; can be sooty; can be anthropomorphic

V174 – #20 – Incensario fragments; rims and bodies

V175 – #21 – Bottles with incising and/or modeling or appliqué (Cosiyo motifs, etc.); some with exterior flanges; rims and bodies (see CBA, fig. 86, p. 140)

V176 – #22 – Mini-bottles with incising and/or modeling and/or appliqué (Cosiyo motifs, etc.); with exterior flanges; rims and bodies

V177 – #23 – Bottles without incising or modeling; rims

V178 – #24 – Mini-bottles without incising or modeling; rims

V179 – #25 – Other miniatures

V180 – #26 – Other rims

V181 – #27 – OWB bases with combing, incising on interior bottom (includes "carretera vessel" style; also includes G. 24, G.32, G. 33)

V182 – #28 – OWB base angles without combing or incising on interior bottom

V183 – #29 – Vaso/cylinder base angles

V184 – #30 – Shallow, cylindrical bowl with direct rim or, less often, steeply flaring rim, and basal flange or inflection; base angles are coded here (rims and rims plus base angles are coded as V162); then, go to V208 or V209 for further coding of special form (i.e., flange)
V185 – #31 – Other base angles (includes base angles with exterior carving, like G.9/G.23)
V186 – #32 – Decorated body sherds (those not coded elsewhere in this section)
V187 – #33 – Special form features (those not coded elsewhere in this section, i.e., if no vessel form can be specified; if a vessel form can be specified, then the sherd is coded as that vessel form and the special form feature is coded in Section IV-Special Form Features)
V188 – #34 – Indeterminate form
V189 – #35 – Reworked sherds (includes sherd disks and other sherds with reuse); see comments for more specific information; also see V213 for those reworked sherds with holes
V190 – #36 – Drain spout sherds (lids or bodies); different from V171 (tubes), in that V190 sherds tend to be rectilinear in cross-section; often have calcium deposits on interior surface
V191 – #37 – Effigy "ashtrays" and mini-sahumadores (CBA, fig. 103, p. 158) and mini-sahumadores (CBA, fig. 162c, 162f, p. 196)
V192 – #38 – Composite silhouette bowl base angles or inflections
V193 – #39 – Wide-mouthed olla rims (those with incising on exterior); see Drennan 1976; V193 examples should be lumped with vasos (V159) in future analyses

IV. Gray Special Form Features (mutually exclusive)

V200 – #1 – Mammiform feet
V201 – #2 – Hollow bulb feet
V202 – #3 – Other hollow feet
V203 – #4 – Nubbin feet
V204 – #5 – Other feet
V205 – #6 – Handles, includes spoon-shaped handles of incensarios
V206 – #7 – Bridge spouts; may or may not have the actual "bridge" part; may be represented by the upright tube; see Spencer & Redmond 1997: fig. 4.59, SI-113
V207 – #8 – Other spouts
V208 – #9 – Basal flanges, no decoration
V209 – #10 – Basal flanges, with notching
V210 – #11 – Rim flanges, no decoration (if not recorded in Section III as a vessel form)
V211 - #12 – Rim flanges, with notching/incising (if not recorded in Section III as a vessel form)
V212 – #13 – Annular or potstand bases (if not recorded under V167, Section III-13)
V213 – #14 – Sherds with drilled holes (these can include sherds that were coded in Section III under V189 (reworked sherds)
V214 – #15 – Misfired sherds
V215 – #16 – Miscellaneous exterior flanges (e.g., from bottles)
V216 – #17 – Indeterminate

V217 – #18 – Other

V. Gray OWB Rim Forms (mutually exclusive and exhaustive) for drawings, see Spencer and Redmond 1997: 46-47, fig. 2.1.

V220 – #1 – Direct
V221 – #2 – Flared, but not to horizontal
V222 – #3 – Sharply flared to horizontal (or beyond) and thickened; rim noticeably thicker than the wall
V223 – #4 – Sharply flared to horizontal (or beyond) and not thickened
V224 – #5 – Outcurving and thickened; shallow bowl, Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 5)
V225 – #6 – Outcurving and rolled; shallow bowl; Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 6)
V226 – #7 – Outcurving and unthickened; shallow bowl; Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 7)
V227 – #8 – Sharply flared and rolled (see Drennan 1976: fig. 28, no. 8; Spencer & Redmond 1997: fig. 2.1, Rim Form 8)
V228 – #9 – Break on interior rim only; when double-line-incised, usually one line is above the break and one line is below
V229 – #10 – Everted (break on interior and exterior rim), but not to horizontal
V230 – #11 – Everted (break on interior and exterior rim) to horizontal
V231 – #12 – Everted (break on interior and exterior rim) to beyond horizontal; Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 12)
V232 – #13 – Small tab on exterior rim
V233 – #14 – Exterior rim flange at the very top of rim; decorated or undecorated; can be notched, etc.
V234 – #15 – Exterior rim flange, undecorated, below rim top
V235 – #16 – Exterior rim flange, incised, notched or scalloped; Early MA I type
V236 – #17 – Thickened, bolstered, rolled (Spencer & Redmond 1997: fig. 2.1, Rim Form 27)
V237 – #18 – Other forms
V238 – #19 – Indeterminate
V239 – #20 – Eccentric rims (only those on OWB); often everted see Drennan 1976; see CBA 1967: fig. 145-146, p. 187; only those sherds not already coded as another rim form
V240 – #21 – Curled but not thickened (Drennan 1976: fig. 28, no. 12)

V-EC. Gray Eccentric Rim Form (outleaned-wall bowl rims only; does not include fish plates; includes all OWB rims that have eccentricities, including V239 and also those sherds coded as other OWB rim forms, but which also have eccentricities)

VEC1 – #1 – Total number of OWB rims with eccentricities (includes OWB rims coded as V239, and any other OWB rims that have eccentric rims)
VEC2 – #2 – Wavy (Spencer & Redmond 1997: fig. 2.3, fig. 4.27, SI-7)
VEC3 – #3 – Scallopped (Spencer & Redmond 1997: fig. 2.3, fig. 4.56, SI-97)

VEC4 – #4 – Piecrust (CBA fig. 145, p. 187)
VEC5 – #5 – Single peak (Spencer & Redmond 1997: fig. 2.3, fig. 4.28, SI-8)
VEC6 – #6 – Double peak (Spencer & Redmond 1997: fig. 2.3, fig. 4.30, SI-17)
VEC7 – #7 – Tab angled down or straight (Drennan 1976: fig. 29, no. 3)
VEC8 – #8 – Tab angled up (Drennan 1976: fig. 29, no. 4)
VEC9 – #9 – Other
VEC10 – #10 – Indeterminate
VEC11 – #11 – Fin-shaped eccentric (on everted rim OWB); see CBA (1967: fig. 114)
VEC12 – #12 – rectangular tab on rim
VEC13 – #13 – notched (Drennan 1976 Fig, 29 No. 5)

VI. Gray Vessel Form and Decoration (plastic decoration only, incising, modeling, etc.; not exhaustive; this is only for decorated sherds not recorded as such under Gray Vessel Form (Section III); for example, fish plates and combed bottoms are not recorded here.

V241 – #1 – Decorated OWB rims
V242 – #2 – Decorated CWB rims and IRB rims with 1-2 lines incised on exterior just below rim
V243 – #3 – Decorated shallow, cylindrical bowls with direct and, less often, steeply flaring rim and basal flange or inflection; incising on exterior; does not include decorated flanges, which are recorded as V209)
V244 – #4 – Decorated ollas, bottles, or tecomates; rims and bodies (if vessel form is recognizable); incising on exterior
V245 – #5 – Decorated vasos; rims and base angles, and bodies if vessel form is recognizable; incising on exterior
V246 – #6 – Other (specify; e.g., ovate-pinched rim bowls are considered modeled and recorded here, and specified in the comments)
V247 – #7 – Indeterminate
V248 – #8 – Decorated plates; non-fish plates only
V249 – #9 – Decorated composite silhouette bowls; rims and bodies
V250 – #10 – Decorated potstand rims and bodies

VII. Type of Decoration (for V252-V266, not mutually exclusive, not exhaustive; i.e., individual sherds may be counted more than once)

V251 – #1 – Total number of Gray decorated sherds
V252 – #2 – Incising; includes combing
V253 – #3 – Modeling; does not include flanges; includes all fish plates, eccentric rims, and ovate pinched rim bowls
V254 – #4 – Carving/grooving (mostly used for G.9/G.23-style carving)
V255 – #5 – Scratching/raspada (post-firing)
V256 – #6 – Notching
V257 – #7 – Appliqué
V258 – #8 – Punctations
V259 – #9 – Red pigment

V260 – #10 – Pattern burnishing or zoned toning (Drennan 1976: fig. 30); includes G.24
V261 – #11 – Other decoration
V262 – #12 – Fine-line incising; no. of sherds with fine-line incising; line width less than or equal to 1 mm; executed with maguey thorn according to K. Flannery
V263 – #13 – Wide-line incising; no. of sherds with wide-line incising; line width > 1 mm; executed with obsidian blade or cane slat according to K. Flanery
V264 – #14 – Negative painting; resist painting (Drennan 1976: fig. 31)
V265 – #15 – "Carretera" incising; see CBA (1967: fig. 158); will also be coded as V119 (G.15 in the CBA system); cane-incised concentric lines on interior wall and base of OWB and on exterior surface of potstand bases; incising is < 2 mm wide, and sometimes below rim and at base on exterior surface
V266 – #16 – Step motif (on OWB, vasos, etc.); see Spencer & Redmond 1997: fig. 2.5, no. 17; fig. 2.6, no. 4; this is a total count of step motifs, regardless of vessel form

VII-B. Burnishing on OWB rims; interior surface only (mutually exclusive and exhaustive)

V267 – #1 – Even burnishing
V268 – #2 – Streaky burnishing (associated with Socorro Fine Gray of Rosario phase)
V269 – #3 – Not burnished
V270 – #4 – Other/indeterminate

VIII. Incised Motifs on Gray OWB rims; includes Socorro Fine Gray; for El Mogote excavations, the variables in this section are NOT mutually exclusive and exhaustive; i.e., the same sherd can be counted more than once if more than one of these variables are present on it; for schematic drawings see Spencer & Redmond 1997: fig. 2.5

V271 – #1 – Two parallel lines, wide-spaced (1.5 cm apart); no other decoration
V272 – #2 – Two parallel lines, narrow-spaced (< 1.5 cm apart); no other decoration
V273 – #3 – One line, with or without other decoration (sometimes probably a consequence of breakage between the two parallel lines, but coded as V273 anyway)
V274 – #4 – Three or more parallel lines, with or without other decoration
V275 – #5 – Two parallel lines, wide-spaced (1.5 cm apart), with other motifs between or below the double lines
V276 – #6 – Two parallel lines, narrow-spaced (< 1.5 cm apart), with other motifs below the double lines
V277 – #7 – Two parallel lines, narrow-spaced (< 1.5 cm apart), with other motifs above the double lines, except for V280, V281, V283
V278 – #8 – Indeterminate
V279 – #9 – Other motifs (specify in comments)
V280 – #10 – Two parallel lines, narrow-spaced (< 1.5 cm apart), with fine-line wavy or straight combing above the double lines
V281 – #11 – Miscellaneous line breaks; often found on rims that also have two parallel lines, narrow spaced (< 1.5 cm apart), but we are coding them here just as line

breaks; this is definitely a miscellaneous category, often used for beat-up sherds, see VMOT33 for better-preserved examples

V282 – #12 – U-motifs, sometimes with line breaks, sometimes connected, sometimes not connected

V283 – #13 – Single wavy line above double lines (narrow-spaced) on interior

V284 – #14 – Other motifs between narrow-spaced, double incised lines

V285 – #15 – Single line plus short vertical line at each peak, in a "piecrust" rim; see Fig. 145 in CBA (1967: 187)

VMOT16 – #16 – Scallop motif, often with single line

VMOT17 – #17 – Line break with one or more dots in the break

VMOT18 – #18 – Line break with one or more vertical lines in the break

VMOT19 – #19 – Wide-spaced hachure

VMOT20 – #20 – Carretera motif (CBA: fig. 158)

VMOT21 – #21 – Pennant motif (Drennan 1976: fig. 32)

VMOT22 – #22 – Crescent (Drennan 1976: fig. 32)

VMOT23 – #23 – Cross-hachure, between lines (zoned cross-hachure)

VMOT24 – #24 – Crescent plus scallop

VMOT25 – #25 – Fine-line incising on top of rim flange on everted rim; wavy, hachure, double-line, etc. (see CBA 1967: 185, fig. 141)

VMOT26 – #26 – Wide-line line break plus fine-line incised other motifs (such as wavy lines); on everted or eccentric rim (see CBA 1967: 30, 32; figs. 8, 10)

VMOT27 – #27 – Fine-line wavy line; single line

VMOT28 – #28 – Wide-spaced vertical lines on interior rim

VMOT29 – #29 – Single line with incised motifs below on interior wall

VMOT30 – #30 – Three (or more) wide lines incised on top of everted rim

VMOT31 – #31 – Fine-line double wavy lines

VMOT32 -- #32 – Horizontal zig-zags

VMOT33 -- #33 – Line breaks above narrow-space double-line incising on interior rim

VMOT34 -- #34 – Single incised line with line breaks above

VMOT35 -- #35 – Zoned hachure

VMOT36 -- #36 – Hachure

VMOT37 -- #37 – Step motif

VMOT38 -- #38 – Miscellaneous cross-hachure

VMOT39 -- #39 – Single line with other miscellaneous motifs above

VMOT40 -- #40 – Opposed hachure; mat motif (see Spencer & Redmond 1997; fig. 2.5, no. 19

VMOT41 -- #41 – Sky motif; cursive (a cursive form of step motif, probably clouds; Flannery & Marcus 1994: figs. 12.38-12.39; also similar to Spencer & Redmond 1997: fig. 4.29, SI-15; fig. 4.34, SI-34; fig. 4.32, SI-24)

VMOT42 -- #42 – Multiple vertical wavy lines (often on interior rim) (see Spencer and Redmond 1997 Fig. 2.5 No. 23)

VMOT43 – #43 – Fine close vertical lines on rim

VMOT44 – #44 – Single pennant motif (or triangle)

VMOT45 – #45 – Dots or punctuations/lines on tab of eccentric rim

VMOT46 – #46 – Single crescent opposite eccentric rim (tab or wave)

VMOT47 -- #47 – Bracket {

VMOT48 -- #48 – Double line breaks [[
VMOT49 -- #49 – Line break with bracket [{
VMOT50 -- #50 – Parallel lines with a vertical line =|
VMOT51 --#51 – Vertical line |
VMOT52 -- #52 – Dots …..

IX. G.12 Combed Bottom Types (mutually exclusive and exhaustive); includes G.15 "carretera-style" bases, counted as V302; for drawings and discussion see Spencer, Redmond, Elson 2008 (Journal of Field Archaeology); includes bases and rim-to-base fragments

V296 – #1 – G.12a-1; single-thorn execution only; zig-zags, straight lines, rectilinear motifs, sometimes curvilinear motifs; not really "combing" per se (see Spencer, Redmond, and Elson 2008: fig. 4)
V297 – #2 – G.12b; fine combing; multiple teeth; little or no skipping; no overlapping motifs; not "sloppy"; scalloping, wavy, and straight lines (see Spencer, Redmond, Elson 2008: fig. 5)
V298 – #3 – G.12c; sloppy combing, often with much skipping; sometimes with irregular punctations; sometimes with overlapping motifs, probably indicating carelessness in the application of motifs (see Spencer, Redmond, Elson 2008: fig. 6)
V299 – #4 – Other mode of execution (see comments)
V300 – #5 – Indeterminate mode of execution
V301 – #6 – G.12a-2; double-thorn execution only; like G.12a-1, but with a double thorn; not as closely spaced as in G.12b; designs generally like those of G.12a-1; in those cases where a sherd has both single-thorn and double-thorn incising, the sherd will be coded as a G.12a-2; for analysis, it is recommended to lump V301 with V296; they are really just variants of the same thorn execution technique (see Spencer, Redmond, Elson 2008: fig. 4)
V302 – #7 – "Carretera" motif; see CBA (1967: fig. 158); > 2 mm wide incised lines; related to G.12a-1 single thorn; concentric straight lines, but executed with a cane on interior wall, on base, below rim, and at base of exterior surface, and on external surface of attached potstand base; incised lines are ca. 1.7-1.8 cm apart

X. G.12 Combed Bottom Motifs (not mutually exclusive; individual sherds can be counted more than once, depending on what is observed); does not include G.15 "carretera" bases

V305 – #1 – Concentric straight lines
V306 – #2 – Concentric wavy lines
V307 – #3 – Concentric scalloping
V308 – #4 – Zig-zags
V309 – #5 – Rectilinear motifs
V310 – #6 – Dots or punctations
V311 – #7 – Parallel lines not parallel to other combing (i.e., non-concentric straight lines, not parallel to other combing, perpendicular or at an angle; this is a more general variable than V314

V312 – #8 – Other motifs
V313 – #9 – Indeterminate motifs
V314 – #10 – Parallel lines (at center of combed base), surrounded by combing (non-concentric parallel lines); V314 usually seen on relatively large sherds
V315 – #11 – Circles of concentric combing
V316 – #12 – Discontinuous areas of wavy combing and/or scalloped combing
V317 – #13 – Discontinuous areas of concentric straight lines
V318 – #14 – U-motifs
V319 – #15 – Line breaks, double line breaks
V320 -- #16 – Step motifs

XI. Café Vessel Forms (mutually exclusive and exhaustive)

V324 – #1 – Olla rims
V325 – #2 – Tecomate rims
V326 – #3 – Bottle rims
V327 – #4 – Comal rims
V328 – #5 – Brazier rims or bodies, including potstand base rims
V329 – #6 – CWB (convex-walled bowl) rims
V330 – #7 – OWB (outleaned-wall bowl) rims (in some cases, could be the top of a brazier that also has a potstand)
V331 – #8 – Apaxtli rims
V332 – #9 – Colador rims and bodies, i.e., sherds with multiple holes
V333 – #10 – Incensario or sahumador rims and bodies
V334 – #11 – Other rims
V335 – #12 – Other bodies
V336 – #13 – Special form features
V337 – #14 – Decorated body sherds; unless otherwise indicated, they represent incised sherds plus those sherds with K.3 red paint
V338 – #15 – Base angles (bowls only)
V339 – #16 – Indeterminate
V340 – 17 – Incurved rim bowl (IRB) rims
V341 -- #18 – Plate rims; includes K.3 versions of Suchilquitongo-style footed plates
V342 -- #19 – reworked sherd

XII. Café Special Form Features

V345 – #1 – Feet
V346 – #2 – Handles
V347 – #3 – Other
V348 – #4 – Spouts

XIII. C1, C.2, C.3, C.4 Vessel Forms

V351 – #1 – C.1/C.3 brazier/potstand rims and bodies

V352 – #2 – Other C.1/C.3 forms (specify in comments)
V353 – #3 – C.2 olla rims
V354 – #4 – C.2 jar bodies
V355 – #5 – C.2 comal rims and bodies
V356 – #6 – C.2 bowl rims
V357 – #7 – C.2 bowl bodies
V358 – #8 – C.2 brazier/potstand rims and bodies
V359 – #9 – Other C.2 (specify in comments)
V360 – #10 – C.4 Suchilquitongo rims with fillet (CBA fig. 21, third and fourth rows)
V361 – #11 – C.4 Suchilquitongo rims without fillet (CBA fig. 21, fifth or bottom row)
V362 – #12 – C.4 bowl rims
V363 – #13 – C.4 bowl bodies
V364 – #14 – C.4 olla rims
V365 – #15 – C.4 bottle rims
V366 – #16 – C.4 jar/bottle bodies
V367 – #17 – Other C.4 (specify in comments)
V368 --#18 – C.5 potstand brazier rims and bodies
V369 -- #19 – C.5 indeterminate or other (specify in comments)
V370 -- #20 – C.4 potstand rims and bodies

Appendix B – Ceramic Coding Scheme for El Palenque

Tilcajete Project: El Palenque Ceramic Coding Scheme (updated 2016)

I. Wares (mutually exclusive and exhaustive)

V101 – #1 – TOTDIAGS – Total number of diagnostic sherds (i.e., rims, base angles, decorated bodies, sherds with special form features)
V102 – #2 – WTDIAGS – Total weight of diagnostic sherds (in grams, to nearest 5 g)
V103 – #3 – GRAYDIAGS – Total number of gray diagnostic sherds
V104 – #4 – CAFEDIAGS – Total number of café diagnostic sherds
V105 – #5 – CREMADIAGS – Total number of crema diagnostic sherds (includes all crema body sherds as well as rims sherds)
V106 – #6 – AMARILLODIAGS – Total number of amarillo diagnostic sherds; any amarillo is a diagnostic
V107 – #7 – OTHER – Total number of sherds of other diagnostic wares (e.g., polychrome, Atzompa green-glazed, Colonial, modern; specify)
V108 – #8 – INDET – Total number of sherds of indeterminate wares
V109 – #9 – NONDIAGGRAY – Total number of nondiagnostic gray body sherds (intentionally saved bodies), not weighed
V110 – #10 – NONDIAGCAFE – Total number of nondiagnostic café body sherds (intentionally saved bodies), not weighed; note that V110 and V109 were recorded only for those proveniences were all sherds (diagnostics plus nondiagnostics) were saved

II. CBA Types (mutually exclusive and exhaustive; each sherd counted only once)
(CBA = Caso, Bernal, and Acosta 1967)

V111 – #1 – G.1 – Plain grayware, no dec., no burnishing; rims and base angles only (note: V111 and V130 are virtually interchangeable, should probably be lumped in future analyses)
V112 – #2 – G.2 – Apaxtli fragments (rims and base angles)
V113 – #3 – G.3/G.7/G.30 - "Gris-cremosa," no incising
V114 – #4 – G.5 – Burnished strip on interior rim
V115 – #5 – G.12 – Two parallel lines (sometimes more) incised on interior rim
V116 – #6 – G.12 – Incised combing on the interior bottom
V117 – #7 – G.12 – Rim-to-base sections with incised parallel lines on interior rim plus incised combing on interior bottom
V118 – #8 – G.13 – Incising on vessel exterior, seen on OWB, CWB, IRB, vasos, jars, bottles (rims and bodies); includes potstands with "Carretera"-style incising (see CBA fig. 158, p. 193)
V119 – #9 – G.15 – Incising on OWB rims with outcurving or outflaring or everted to horizontal to horizontal rims (occasionally also on vasos, jars, but usually OWB rims); no eccentric rims or bodies
V120 – #10 – G.16 – Like G.15, except with cross-hatching motifs

V121 – #11 – G.17 – Effigy vessels (plates, bowls, jars, bottles); includes fish plates, ovate-pinched vessels, eccentric rims; rims and bodies
V122 – #12 – G.18 – An oxidized G.17
V123 – #13 – G.21 – Stick or cane incising on the interior bottom
V124 – #14 – G.9/G.23 – Carving on vessel exterior, usually bowls; rims and bodies
V125 – #15 – G.24 – Pattern burnishing on interior bottom (CBA, p. 35)
V126 – #16 – G.25 – Vessels with basal flanges; also found at inflection points; non-rim flanges; rims and bodies (CBA, p.37)_
V127 – #17 – G. 26 – Vessels with rim flanges; rims and bodies
V128 – #18 – G.32 – Vessels with petate impressions
V129 – #19 – G.33 – Vessels with palm impressions
V130 – #20 – Other/indeterminate gris sherds
VG35 – G.35 rim sherds
V131 – #21 – C.1 – Plain crema; no decoration, no burnishing, no slip
V132 – #22 – C.2 – Red paint, unburnished, rims and bodies
V133 – #23 – C.3 – Like C.1, but with smudging, rims and bodies
V134 – #24 – C.4 – Red paint, burnished; almost like red enamel in appearance rims and bodies
V135 – #25 – C.4 – Suchilquitongo plates with C.4 paint (a very few have a C.2-like finish), rims and bodies (CBA fig. 21, third and fourth rows, p. 42; Drennan 1976, p. 26, 56)
V136 – #26 – C.5 – White slip, often on a thick-walled vessel, e.g., potstand bases, rims and bodies
V137 – #27 – C.6 – Light brown through medium-dark brown, sometimes reddish brown; usually a thin-walled vessel; sometimes slipped or a wash, rims and bodies
V138 – #28 – C.7 – Streaky red and orange finish, paint plus slip; usually a thin-walled vessel, rims and bodies
V139 – #29 – C.11 – Scratched designs on a reddish-orange, C.7-type finish, rims and bodies
V140 – #30 – C.12 – Scratched designs on a black or dark brown surface, rims and bodies
V141 – #31 – C.13 – A thicker, somewhat cruder version of a C.7, rims and bodies
V142 – #32 – C.20 – A glossy black finish, slipped; rims and bodies; on rare occasions, can have painted stucco and, if so, should be noted in comments
V143 – #33 – Other/indeterminate crema sherds, rims and bodies
V144 – #34 – K.3 – A café-paste version of a C.4, C.4 Suchilquitongo plate, C.6, C.7, or C.13, rims and bodies
V145 – #35 – K.6 – Black slip with incised lines, like a café version of a G.15, rims and bodies
V146 – #36 – K.7/K.8 – Bowls with clearly incised lines on interior rim, rims and bodies
V147 – #37 – K.12 – Apaxtli fragments, no paint, rims and base angles
V148 – #38 – K.19 – Comal fragments, rims only
V149 – #39 – Other/indeterminate café
V150 – #40 – A.6 – Two incised lines on interior rim, like a G.12, only in Amarillo, rims and bodies
V151 – #41 – A.13 – White slip on amarillo, rims and bodies

V152 – #42 – Other/indeterminate amarillo sherds
VG3M -- #43 – G.3M – Postclassic grayware (G.3M) diagnostic sherds, rims and base angles (CBA, p. 448, Tabla XVIII)
VPOLY -- #44 – Postclassic polychrome sherds, rims and bodies

III. Gray Vessel Forms (mutually exclusive and exhaustive)

V155 – #1 – OWB (outleaned-wall bowl) rims
V156 – #2 – CWB (convex-wall bowl) rims
V157 – #3 – IRB (incurved-rim bowl) rims
V158 – #4 – CSB (composite silhouette bowl) rims with no rim flange
V159 –#5 – Vaso ("cylindrical bowl") rims, no rim flange; this is a general category of cylindrical and steep-walled vessels
V160 – #6 – Plate rims, includes rims that are not obvious fish plates, includes plates with everted rims and plates with small exterior rim flanges (which sometimes have a single incised line, like CBA fig. 14, fifth row, last example on the right, called G.26 in the CBA system)
V161 – #7 – CSB (composite silhouette bowl) rims, usually with rim flange or everted rim (Early MA I type); like Fig. 138 in CBA.
V162 – #8 – Shallow cylindrical bowls, usually with a direct or, less often, with a steeply flaring rim, with a basal flange or sharp basal inflection; (note: those with a basal flange are coded as G.25 in the CBA system); base angles with flanges that do not have rims of this form are coded as V184; Note: V162 and V184 probably refer to the same vessel form, but, if the sherd has a rim, it is coded as V162; see Spencer & Redmond 1997: 177, SI-95
V163 – #9 – Ovate, pinched-rim bowl rims; "shell-shaped" vessels
V164 – #10 – Olla rims
V165 – #11 – Mini-olla rims
V166 – #12 – Tecomate rims
V167 – #13 – Potstand bases (rims, joins, base angles)
V168 – #14 – Effigy vessels (not fish plates); rims and bodies; includes bowls, plates, jars, bottles, etc.
V169 – #15 – Fish plates; rims and bodies (see CBA, fig. 114-115, p. 163); Late MA I diagnostic
V170 – #16 – Apaxtli rims or base angles
V171 – #17 – Tubes; rims and bodies; usually circular in cross-section (different from V190); often have calcium deposits on interior surface
V172 – #18 – Urn fragments (recorded and then removed for separate analysis)
V173 – #19 – not used as of Aug. 2002; in 2014, we used V173 for gray brazier rims and bodies; can be crudely-made; can be sooty; can be anthropomorphic
V174 – #20 – Incensario fragments, rims and bodies
V175 – #21 – Bottles with incising and/or modeling and/ or appliqué (Cosijo motifs, etc.); some with exterior flanges; rims and bodies (see CBA, fig. 86, p. 149)
V176 – #22 – Mini-bottles with incising and/or modeling and/or appliqué (Cosijo motifs, etc.); with exterior flanges; rims and bodies
V177 – #23 – Bottles without incising or modeling, rims

V178 – #24 – Mini-bottles without incising or modeling, rims
V179 – #25 – Other miniatures
V180 – #26 – Other rims
V181 – #27 – OWB bases with combing/incising on interior bottom (includes "carretera vessel" style; also includes G. 24, G.32, G. 33)
V182 – #28 – OWB base angles without combing or incising on interior bottom
V183 – #29 – Vaso/cylinder base angles
V184 – #30 – Shallow, cylindrical bowl with direct or steeply flaring rim and basal flange or inflection; base angles are coded here (rims and rims plus base angles are coded as V162); then, go to V208 or V209 for further coding of special form (i.e., flange)
V185 – #31 – Other base angles, includes base angles with exterior carving (like G.9/G.23)
V186 – #32 – Decorated body sherds (those not coded elsewhere in this section)
V187 – #33 – Special form features (those not coded elsewhere in this section, i.e., if no vessel form can be specified; if a vessel form can be specified, then the sherd is coded as that vessel form and the special form feature is coded in Section IV-Special Form Features)
V188 – #34 – Indeterminate form
V189 – #35 – Reworked sherds (includes sherd disks and other sherds with reuse); see appended comments for specific information; also see V213 for those reworked sherds with holes
V190 – #36 – Drain spout sherds (lids or bodies), different from V171 (tubes), in that V190 sherds tend to be rectilinear in cross-section; often have calcium deposits on interior surface
V191 – #37 – Effigy "ashtrays" (CBA, fig. 103, p. 158) and mini-sahumadores (CBA, fig. 162c, 162f, p. 196)

IV. Gray Special Form Features (SFF); mutually exclusive, includes V187 as well as other vessel forms coded above that have an appended SFF

V200 – #1 – Mammiform feet
V201 – #2 – Hollow bulb feet
V202 – #3 – Other hollow feet
V203 – #4 – Nubbin feet
V204 – #5 – Other feet
V205 – #6 – Handles, includes spoon-shaped handles of incensarios
V206 – #7 – Bridge spouts; may or may not have the actual "bridge" part; may be represented by the upright tube; see Spencer & Redmond 1997: fig. 4.59, SI-113
V207 – #8 – Other spouts
V208 – #9 – Basal flanges, no decoration
V209 – #10 – Basal flanges, with notching
V210 – #11 – Rim flanges, no decoration (if not recorded in Section III as a vessel form)
V211 - #12 – Rim flanges, with notching/inising (if not recorded in Section III as a vessel form)
V212 – #13 – Annular or potstand bases (if not recorded under V167, Section III-13)

V213 – #14 – Sherds with drilled holes (these can include sherds that were coded in Section III under V189 (reworked sherds)
V214 – #15 – Misfired sherds
V215 – #16 – Miscellaneous exterior flanges (e.g., from bottles)
V216 – #17 – Indeterminate
V217 -- #18 – Other

V. Gray OWB Rim Forms (mutually exclusive and exhaustive); for drawings, see Spencer and Redmond 1997: 46-47, fig. 2.1.

V220 – #1 – Direct
V221 – #2 – Flared, but not to horizontal
V222 – #3 – Sharply flared to horizontal (or beyond) and thickened; rim noticeably thicker than the wall
V223 – #4 – Sharply flared to horizontal (or beyond) and not thickened
V224 – #5 – Outcurving and thickened; shallow bowl, Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 5)
V225 – #6 – Outcurving and rolled; shallow bowl; Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 6)
V226 – #7 – Outcurving and unthickened; shallow bowl; Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 7)
V227 – #8 – Sharply flared and rolled; Middle Formative (Drennan 1976: fig. 28, no. 8; Spencer & Redmond 1997: fig. 2.1, Rim Form 8)
V228 – #9 – Break on interior rim only; when double-line-incised, usually one line is above the break and one line is below
V229 – #10 – Everted (break on interior and exterior rim), but not to horizontal
V230 – #11 – Everted (break on interior and exterior rim) to horizontal
V231 – #12 – Everted (break on interior and exterior rim) to beyond horizontal; Middle Formative (see Spencer & Redmond 1997: fig. 2.1, Rim Form 12)
V232 – #13 – Small tab on exterior rim
V233 – #14 – Exterior rim flange at the very top of rim; decorated or undecorated; can be notched, etc.
V234 – #15 – Exterior rim flange, undecorated, below rim top
V235 – #16 – Exterior rim flange, incised, notched or scalloped; Early MA I type
V236 – #17 – Thickened, bolstered, rolled (Spencer & Redmond 1997: fig. 2.1, Rim Form 27)
V237 – #18 – Other forms
V238 – #19 – Indeterminate
V239 -- #20 – Eccentric rims (only those on OWB); often everted (see Drennan 1976; see CBA 1967: fig. 145-146, p. 187)

VI. Gray Vessel Form and Decoration (plastic decoration only; not exhaustive; this is only for decorated sherds not recorded as such under Gray Vessel Form (Section III); for example, fish plates, combed bottoms, ovate-pinched, and eccentric-rim vessels are not recorded here)

V241 – #1 – Decorated OWB rims
V242 – #2 – Decorated CWB rims and IRB rims with 1-2 lines incised on exterior just below rim
V243 – #3 – Decorated shallow, cylindrical bowls with direct or steeply flaring rim and basal flange or inflection; incising on exterior wall (does not include decorated flanges, which are recorded as V209)
V244 – #4 – Decorated ollas, bottles, or tecomates; rims and bodies (if vessel form is recognizable); incising on exterior
V245 – #5 – Decorated vasos; rims, base angles, and bodies (if vessel form is recognizable); incising on exterior
V246 – #6 – Other (specify; e.g., ovate-pinched rim bowls are considered modeled and recorded here, and specified in the comments)
V247 – #7 – Indeterminate
V248 – #8 – Decorated plates; non-fish plates only

VII. Type of Decoration (for V252-V261, not mutually exclusive, not exhaustive; i.e., individual sherds may be counted more than once)

V251 – #1 – Total number of Gray decorated sherds
V252 – #2 – Incising; includes combing
V253 – #3 – Modeling; does not include flanges; includes all fish plates, eccentric rims, and ovate pinched rim bowls

V254 – #4 – Carving/grooving (mostly used for G.9/G.23-style carving)
V255 – #5 – Scratching/raspada (post-firing)
V256 – #6 – Notching
V257 – #7 – Appliqué
V258 – #8 – Punctations
V259 – #9 – Red pigment
V260 – #10 – Pattern burnishing, includes G.24
V261 – #11 – Other decoration

VIII. Incised Motifs on Gray OWB rims (mutually exclusive and exhaustive); incising on interior OWB rims only; each sherd counted only once; for schematic drawings see Spencer & Redmond 1997: fig. 2.5

V271 – #1 – Two parallel lines, wide-spaced (1.5 cm apart); no other decoration
V272 – #2 – Two parallel lines, narrow-spaced (< 1.5 cm apart); no other decoration
V273 – #3 – One line, with or without other decoration (sometimes probably a consequence of breakage between two parallel lines, but coded as V273 anyway)
V274 – #4 – Three or more parallel lines, with or without other decoration
V275 – #5 – Two parallel lines, wide-spaced (1.5 cm apart), with other motifs between or below the double lines
V276 – #6 – Two parallel lines, narrow-spaced (< 1.5 cm apart), with other motifs below the double lines

V277 – #7 – Two parallel lines, narrow-spaced (< 1.5 cm apart), with other motifs above the double lines, except for V280, V281, V283
V278 – #8 – Indeterminate
V279 – #9 – Other motifs (specify in comments)
V280 – #10 – Two parallel lines, narrow-spaced (< 1.5 cm apart), with fine-line wavy or straight combing above the double lines
V281 – #11 – Miscellaneous line breaks; often found on rims that also have two parallel lines, narrow spaced (< 1.5 cm apart), but we are coding them here just as line breaks
V282 – #12 – U-motifs, sometimes with line breaks, sometimes connected, sometimes not connected
V283 – #13 – Single wavy line above double lines (narrow-spaced) on interior
V284 – #14 – Other motifs between narrow-spaced, double incised lines
V285 – #15 – Single line plus short vertical line at each peak, in a "piecrust" rim; see Fig. 145 in CBA (1967: 187)
V286 -- #16 – Broken/dashed line above narrow spaced parallel lines
V287 -- #17 -- Concentric "U" or "J" shapes
V288 -- #18 – Short vertical lines ‘’’’
V289 -- #19 – Step Motif
V290 -- #20 – Dots …..

IX. G.12 Combed Bottom Types (mutually exclusive and exhaustive, each sherd counted only once); for drawings and discussion see Spencer, Redmond, Elson 2008 (Journal of Field Archaeology); includes bases and rim-to-base fragments
V296 – #1 – G.12a-1; single-thorn execution only; zig-zags, straight lines, rectilinear motifs, sometimes curvilinear motifs; not really "combing" per se (see Spencer, Redmond, Elson 2008: fig. 4)
V297 – #2 – G.12b; fine combing; multiple teeth; little or no skipping; no overlapping motifs; not "sloppy"; scalloping, wavy, and straight lines (see Spencer, Redmond, Elson 2008: fig. 5)
V298 – #3 – G.12c; sloppy combing, often with much skipping; sometimes with irregular punctations; sometimes with overlapping motifs, probably indicating carelessness in the application of motifs (see Spencer, Redmond, Elson 2008: fig. 6)
V299 – #4 – Other mode of execution (see comments)
V300 – #5 – Indeterminate mode of execution
V301 – #6 – G.12a-2; double-thorn execution only; like G.12a-1, but with a double thorn; not as closely spaced as in G.12b; designs generally like those of G.12a-1; in those cases where a sherd has both single-thorn and double-thorn incising, the sherd will be coded as a G.12a-2; for analysis, it is recommended to lump V301 with V296; they are really just variants of the same thorn execution technique (see Spencer, Redmond, Elson 2008: fig. 4)

X. G.12 Combed Bottom Motifs (not mutually exclusive; individual sherds can be counted more than once, depending on what is observed)

V305 – #1 – Concentric straight lines

V306 – #2 – Concentric wavy lines
V307 – #3 – Concentric scalloping
V308 – #4 – Zig-zags
V309 – #5 – Rectilinear motifs
V310 – #6 – Dots or punctations
V311 – #7 – Parallel lines not parallel to other combing (i.e., non-concentric straight lines, not parallel to other combing, perpendicular or at an angle); this is a more general variable than V314
V312 – #8 – Other motifs
V313 – #9 – Indeterminate motifs
V314 – #10 – Parallel lines (at center of combed base), surrounded by combing (non-concentric parallel lines); V314 usually seen on relatively large sherds
V315 – #11 – Circles of concentric combing
V316 – #12 – Discontinuous areas of wavy combing and/or scalloped combing
V317 – #13 – Discontinuous areas of concentric straight lines
V318 – #14 – U-motifs

XI. Café Vessel Forms (mutually exclusive and exhaustive)

V324 – #1 – Olla rims
V325 – #2 – Tecomate rims
V326 – #3 – Bottle rims
V327 – #4 – Comal rims
V328 – #5 – Brazier rims or bodies, including potstand base rims
V329 – #6 – CWB (convex-walled bowl) rims
V330 – #7 – OWB (outleaned-wall bowl) rims (in some cases, could be the top of a brazier that also has a potstand)
V331 – #8 – Apaxtli rims
V332 – #9 – Colador rims and bodies, i.e., sherds with multiple holes
V333 – #10 – Incensario or sahumador rims, handles, and bodies
V334 – #11 – Other rims
V335 – #12 – Other bodies
V336 – #13 – Special form features
V337 – #14 – Decorated body sherds; unless otherwise indicated, they represent incised sherds plus those sherds with K.3 red paint
V338 – #15 – Base angles (bowls only)
V339 – #16 – Indeterminate
V340 -- #17 – Incurved rim bowl (IRB) rims
V341 -- #18 – Vessels with molcajete-style incisions/striations (rims or bodies); started coding this variable for proveniences from El Palenque, 2009 field season onward
V342 -- #19 – Worked or abraded sherd

XII. Café Special Form Features

V345 – #1 – Feet
V346 – #2 – Handles

V347 – #3 – Other
V348 – #4 – Spouts

Appendix C – El Mogote Ceramic Data

Table C.1 - El Mogote Ceramics by Paste (Part 1)

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6746	M	33	390	15	18								
6738	M	22	360	15	6			1					
6729	M	12	165	9	3								
6751	M	15	340	10	5								
6749	M	8	110	4	4								1
6728	M	11	190	4	3	3							
6750	M	8	145	5	3								
6742	M	18	365	11	7								
6758	M	11	425	5	6								
6735	M	6	150	4	2								
6754	M	8	90	4	3								
6753	M	2	115	2									
6712	M	27	620	13	14			1					
6713	M	8	200	1	7								
6739	M	18	320	11	7								
6721	M	9	225	4	5								
6724	M	7	150	4	2			1					
6699	M	16	305	11	5								
6719	M	5	40	2	3								
6698	M	11	170	6	4	1							
6659	M	11	80	7	2	2							
6815	M	18	480	11	2	4		1					
6782	M	1	23		1								
6774	M	12	220	4	4	4							
6763	M	1	35			1							
6783	M	3	65	2									
6767	M	5	45	2	2								
6780	M	7	50	3	1	3							
6777	M	1	25		1								
6766	M	3	55	1	2								
6770	M	3	60	2							1		
6761	M	17	285	12	3			1					
6762	M	8	170	2	3								
6772	M	12	150	10	1								
6781	M	12	315	5	5			1					
6697	M	3	25	2	1								
6702	M	5	140	4	1								
6706	M	11	325	5	5			1					
6710	M	6	50	2	3								
6690	M	3	80	2	1								
6693	M	13	175	3	10								
6716	M	2	40	1	1								
6691	M	4	100	1	3								
6692	M	1	35	1									
6711	M	3	30	2	1								
6708	M	1	25		1								
6714	M	1	20					1					
6715	M	2	20	1	1								
6705	M	1	20		1								
6703	M	2	45	1	1								
6759	M	2	40	1	1								
6717	M	1	20	1									
6718	M	2	20		1			2					
6748	M	3	130		3								
6737	M	16	115	5	7	1		2					
6733	M	11	100	4	3	2					2		
6756	M	3	30	2	1								
6727	M	6	90	3	1			1		1			
6741	M	1	20					1					
6760	M	8	110	3	2								3

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6731	M	3	30	2									
6732	M	1	20	1									
6730	M	3	35	1	2								
6808	M	2	20	1	1								
6784	M	7	200	2	3			2					
6682	M												
6623	M	2	30			2							
6628	M	1	20		1								
6596	M	2	80		2								
6608	M												
6625	M	5	100	1	1	2							
6609	M	2	20	1				1					
6643	M	4	65	2	1			1					
6676	M	5	65	3	2								
6622	M	16	360	9	4	3							
6597	M	6	60	2	2	1							
6684	M	4	50	1	2	1							
6574	M	7	115	2	3	2							
6633	M	2	20	1				1					
6634	M	1	20	1									
6593	M	3	30	1									1
6632	M	3	25	2	1								
6598	M	4	70	3	1								
6647	M	4	45	2		1		1					
6673	M	7	85	2	1	3							
6663	M	2	25	1		1							
6674	M	4	25	1	1	1							
6646	M	2	20			1						1	
6661	M	4	40	2	1								
6629	M	1	40		1								
6618	M	2	5	1									
6638	M	2	40	1	1								
6665	M	2	20	1	1								
6648	M	4	45		3	1							
6621	M	1	25										
6604	M	2	25	1	1								
6603	M	4	30	2	2								
6606	M	1	5										
6680	M	10	80	5	3	2							
6678	M	7	80	1	2	2		2					
6670	M	7	60	3	4								
6649	M	3	55	2	1								
6653	M	50	3					2					
6627	M	10	2	1									
6642	M	4	70	1	3								
6655	M	5	55	3	1	5							
6667	M	0	0										
6612	M	4	60	3									
6617	M	5	55	2	2	1							
6626	M	8	125		2	6							
6605	M	1	25	1	1								
6637	M	11	205	3	6	2							
6602	M	3	40		2	1							
6594	M	7	130	4	1	1							
6668	M	17	175	2	2	7		5					
6671	M	9	90	2	1	5							
6651	M	7	75		1	6							
6644	M	6	55	3	2	1							
6615	M	8	150	3	2								
6583	M	12	130	4	3	2							
6584	M	5	80	3	2								
6585	M	4	30	1	1	1							
6582	M	3	65	3									
6580	M	1	60		1								
6581	M	7	120	2						1	2		

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6587	M	10	205	4	5					1	1		
6590	M	9	75	2	4						1		
6586	M	3	100	1		2							
6591	M	8	200	1	1	1					4		
6572	M	14	130	5	1	2				2	2		
6568	M	9	110	2	3	1							
6599	M	5	65	1	1	2							
6566	M	8	95	3	1	4							
6654	M	2	20					1					
6695	M	4	125	1	2					1			
6600	M	12	145	3		2			1	1			
6619	M	7	75	3	2			2					
6577	M	16	185	4	4	3		1					
6611	M	1	5	1									
6567	M	4	25		3					1			
6570	M	3	25	1	2								
6569	M	2	20		1	1							
6578	M	7	95	1	3	2							
6616	M	5	35	5									
6575	M	6	50		1			1				1	
6588	M	5	90	2	2	1							
6592	M	7	35	3		1							
6579	M	3	25	1		1							
6571	M	4	65	1	1								
6635	M	13	140	8	3	2							
6624	M	8	50	2	2	1		2					
6652	M	7	40		4	2		1					
6662	M	14	85	4	1	1		7					
6645	M	2	10	1									
6656	M	7	70	3		4							
6573	M	3	20	2	1								
6639	M	6	65		5								
6666	M	1	20	1									
6640	M	6	70	5		1							
6641	M	4	15	1	1			1					
6650	M	5	50	1	3								
6601	M	6	35	1	1	2							
6589	M	6	95	3	1								
6610	M	4	20			2		2					
6613	M	3	10	2	1								
6614	M	7	90	3	1	4							
6607	M	4	50	3							1		
6726	M	8	175	6	2								
6720	M	8	165	4	3						1		
6725	M	5	120		5								
6709	M	4	135	3	1								
6723	M	8	110	4	3					1			
6576	M	6	315	5	1								
6429	M	4	50	3		1							
6444	M	2	30	1	1								
6438	M	8	60	1	1	6							
6473	M	5	110	1	2	1					1		
6722	M	5	105	1		3							
6504	M	5	30	2									
6437	M	3	80		1			1					
6469	M	2	65			2							
6458	M	4	95	1	2	1							
6425	M	1	5	1									
6434	M	1	5		1								
6462	M	13	130	4	8	1		1					
6460	M	5	75	1	4								
6452	M	5	90	1	2	1							
6464	M	7	70	4	2								
6468	M	9	165		6	2		1					
6465	M	2	60	1									

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6509	M	15	140	7	1	4		1	1				
6508	M	10	115	3	2	3		3					
6500	M	1	5		1								
6453	M	7	115	3	2	2							
6486	M	3	105	1	2								
6481	M	3	80	2	1								
6507	M	4	100	1	3								
6484	M	6	50	1	3			1					
6482	M	2	5						2				
6463	M	27	240	11	4	4							
6506	M	15	105	2	4	2		3	1				
6475	M	16	155	5	5	2			1	1			
6432	M	1	10		1								
6470	M	4	30	1	1	2							
6450	M	2	15		1	1							
6446	M	0											
6478	M	1	30	1									
6477	M	2	15					1					
6487	M	3	65										
6490	M	2	5	1	1								
6479	M	3	40	1	1								
6502	M	2	30	2									
6441	M	3	25	1		2							
6471	M	1	5	1									
6657	M	16	135	4	6	6							
6459	M	6	55	3	1	1							
6433	M	2	20	1	1								
6466	M	6	100	1	1	1		1					
6489	M	6	90	1	1	4							
6461	M	2	45	2									
6480	M	4	105	2		2							
6472	M	2	25	1	1								
6476	M	4	75		2	2							
6505	M	2	25	1						1			
6501	M	2	30	1		1							
6503	M	2	10		1						1		
6485	M	2	20	1	1								
6440	M	5	65	3	2								
6541	M	4	20	1		2							
6431	M	5	60	1	2	2							
6560	M	1	25										
6538	M	6	75	2	1	2							
6564	M	7	100	1	4	1							
6549	M	1	5	1									
6540	M	3	20	2	1								
6555	M	15	180	4	4	1				1	5		
6563	M	9	125	2	3					3	1		
6543	M	4	65	2	2								
6558	M	8	255	3	3				1				
6630	M	2	60	1	1								
6561	M	1	15								1		
6556	M	11	120	4	4								
6554	M	6	50	2	3								
6553	M	2	30	1	1								
6548	M	6	60	3	1	1							
6546	M	5	145	1	4								
6436	M	3	15	1	1						1		
6455	M	3	30	2	1								
6447	M	8	65	3		4		1					
6430	M	5	50	1	2	2							
6423	M	1	30										
6420	M	6	45	1	5								
6442	M	4	70	2	2								
6449	M	11	160	1	2	4		2			2		
6457	M	8	115	2	2	4							

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6427	M	6	130	3	2						1		
6499	M	6	55	1	1	2							
6492	M	11	160	5	2	1			1				
6435	M	1	10	1									
6454	M	7	130	2	4						1		
6494	M	2	5	2									
6495	M	4	125	1	2						1		
6496	M	3	20	1	1								
6497	M	3	45										
6491	M	1	5					1					
6493	M	2	30	1						1			
6514	M	3	10	3									
6510	M	15	130	2	3	2					8		
6511	M	9	90	2	1	3					1		
6513	M	5	60	1	3								
6515	M	10	105	2	3			2			3		
6517	M	3	15	1	1						1		
6516	M	6	80	3	1	1			1				
6521	M	5	80	3	2								
6520	M	8	90	4	3	1							
6522	M	8	70	7									1
6523	M	5	75	1	3							1	
6524	M	6	45	4		1					1		
6525	M	5	40	2	2	1							
6526	M	3	40	2	1								
6527	M	5	150	2						1			
6528	M	2	10		2								
6529	M	5	40	2	3								
6519	M	3	105	1	2								
6530	M	4	85	2	1				1				
6532	M	5	65	2	1	2							
6533	M	3	30	3									
6531	M	6	100	1	4						1		
6534	M	1	20		1								
6535	M	5	60	3	1	1							
6536	M	4	130		2					1	1		
6537	M	13	125	5	6	2							
6539	M	3	25	2	1								
6542	M	4	60	2		1				1			
6544	M	5	145	1	3								
6545	M	3	30	2									
6547	M	1	10		1								
6551	M	4	55	2						1			
6557	M	2	20	1							1		
6559	M	6	40	1	4						1		
6562	M	6	60	2	1	1			2				
6565	M	7	55	3	2						2		
6421	M	3	40	3									
6498	M	26	195	3	14			1	1		4		
6512	M	13	145	4	6	1		1	1				
6414	M	17	160	7	8						2		
6415	M	5	20	5									
6422	M	4	165	1	3								
7013	N	3	40	1	1						1		
7001	N	1	10										
7003	N	19	140	14	3	2							
7006	N	13	245	8	5								
7005	N	51	1145	29	19	3							
6996	N	35	740	14	10	2		6			2		
7002	N	14	360	6	8								
7027	N	47	860	19	17	4		7					
7004	N	19	500	16	3								
7007	N	16	405	11	5								
6994	N	18	380	13	5								
7026	N	43	945	24	19								

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
7015	N	115	2810	69	43	2		1					
7014	N	58	1220	30	27								
6995	N	3	80	2	1								
7023	N	24	805	10	14								
6999	N	34	690	19	12	1		2					
6997	N	15	1025	7	8								
7010	N	125	3250	56	65	3		1					
7000	N	82	1700	36	42	1		3					
6991	N	11	345	6	4	1							
7031	N	200	5260	95	99	5			1				
7020	N	2	35	3									
7019	N	5	125	2	3								
7018	N	5	115	2	3								
7008	N	69	2100	35	31	2							
7021	N	21	220	15	3	3							
7024	N	12	155	9	2	1							
7025	N	10	380	5	4	1							
7009	N	26	660	10	12	2		1					
7017	N	14	230	9	5								
7012	N	26	680	10	15						1		
7016	N	5	135	1	3			1					
6990	N	4	410	2	2								
7037	N	1	5	1									
7030	N	328	14920	163	162	3							
6987	N	174	5605	78	91	1			3				
6988	N	128	4060	60	64	4							
7029	N	101	4345	31	70								
7028	N	103	4495	53	48	1					1		
6968	N	182	6035	95	83	3		1					
7032	N	87	2915	33	50	2		2					
6989	N	2	515	2									
6986	N	15	450	7	7	1							
6977	N	65	1745	45	20								
6984	N	99	42	36									
6972	N	74	1315	51	18	3		2					
6993	N	15	270	9	5								
6976	N	19	345	11	5	1		2					
6981	N	28	1005	13	14	1							
6982	N	29	870	16	7	2		4					
6983	N	20	390	15	3	1		1					
6998	N	28	490	10	18								
6980	N	14	315	9	4	1							
6985	N	13	205	11	2								
6978	N	14	245	12	2								
6979	N	7	105	4	3								
6973	N	5	165	4	1								
6992	N	3	90	2		1							
6910	M	199	11150	95	79	6		7	1		8		
6896	M	18	280	5	4			2		7			
6888	M	16	250	5	7			2		1	1		
6894	M	13	425	2	4			2		1	2		
6877	M	65	1025	24	20	2		9		10			
6885	M	57	650	12	4	3		10	3	7	18		
6886	M	26	500	6	7			6			4		
6887	M	5	80	1		1		1			2		
6883	M	23	270	11	3	4		2			2		
6890	M	24	360	10	6	2			1		4		
6893	M	13	300	4	3	1		1			3		
6895	M	11	210	4	3	2					2		
6898	M	23	510	11	7				1		4		
6874	M	42	805	15	16	3		4	1	2			1
6880	M	37	750	12	13			1	2	2	6		
6903	M	71	1725	28	14	3		7	4	3	11		
6884	M	14	220	5	2	6				1			
6879	M	134	2309	38	14	16		10	14	12	27		

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6897	M	107	2795	33	17	3		5	26		8		
6899	M	81	2190	30	37			1		9	4		
6881	M	29	455	14	6			2	1		4		2
6876	M	14	195	8	3	1					2		
6919	M	160	5415	73	37	5		6	1	19	19		
6922	M	107	630	17	6	7		3	41	3	11		
6923	M	51	1190	26	2			1	4	1	15		
6930a	M	18	335	11	2			1			4		
6930b	M	9	250	2	5						2		
6951	M	28	295	13	1	3		1	1	2	6		
6952	M	9	110	1	2	3					3		
6964	M	1	10	1									
6955	M	20	180	6	1	1		5		6			
6956	M	4	40	2	1						1		
6954	M	19	360	13	4			2					
6960	M	11	255	4	1	2		1	1		1		
6957	M	24	360	13	7			1		3			
6965	M	7	120	2	1	1					3		
6959	M	11	110	6	3					1	1		
6958	M	9	235	6	1			1			1		
6925	M	9	480	5							4		
6927	M	8	215		4						3		
6931	M	4	85	3							1		
6928	M	19	405	12	2			1		4			
6929	M	125	2835	71	15	2			3	3	27		
6924	M	94	2375	46	11	1		2	8	5	14		
6938	M	5	140	3	2								
6941	M	22	355	8	2	1		2		3	4		
6948	M	5	110	3				1			1		
6939	M	5	80	4	1								
6953	M	11	150	4	1	1			1		4		
6940	M	8	140	6				2					
6950	M	19	345	7	5	1	1			2	3		
6935	M	20	390	10	7	1				1	1		
6944	M	4	35	2	1			1					
6933	M	10	420	1	3					3	2		
6943	M	6	100	6									
6942	M	3	25	1	2								
6834	M	20	190	14	4	2							
6858	M	2	10	2									
6851	M	20	225	8	6	1		2		2	1		
6850	M	4	15	4									
6846	M	80	1355	23	15	9		18	2	10	3		
6860	M	9	95	4	3	1		1					
6848	M	23	245	6	6	1		4		5	1		
6857	M	22	230	14	5	1		1			1		
6849	M	21	395	12	3	2		3			1		
6835	M	114	1300	64	26	5		10		8			
6847	M	60	960	19	11	8		8	1	12	1		
6837	M	30	240	22	5	2		1					
6843	M	100	1010	55	19	7		8			10		
6836	M	12	245	9	1								
7038	M	11	155	6	2			3					
6831	M	3	10	2		1							
6852	M	1	10	1									
6841	M	30	565	12	11					2	2		
6833	M	28	410	13	7	1		2		2			
6840	M	75	1035	30	14	15		4		8			
6904	M	15	330	10	3			1		1			
6832	M	67	560	45	16	4					2		
6845	M	25	495	13	8	2				1	1		
6892	M	76	1765	47	13			1		3	9		
6909	M	9	220	5	4								
6882	M	51	695	18	20			5	5	2			
6902	M	26	310	15	8	1		2					

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6901	M	30	700	20	8			1		1			
6900	M	28	630	9	10					8	1		
6875	M	8	75	7	1								
6905	M	16	405	12	1				1				
6889	M	26	705	12	8					4	2		
6861	M	13	300	2	9	1					1		
6871	M	11	215	4	7								
6863	M	11	95	4	5			2					
6866	M	12	225	4	7	1							
6867	M	32	380	9	9			7		5	2		
6862	M	2	15		2								
6869	M	23	330	13	4	1		2		3			
6891	M	91	1635	26	25	2		9	5	10	8		5
6870	M	39	480	22	8			2		1	5		
6854	M	42	260	16	10	2		8	1	3	2		
6872	M	60	575	26	13	1		5		8	4		
6864	M	14	65	5	4			2		3			
6859	M	21	380	10	7						4		
6865	M	30	405	15	9	2				1	3		
6868	M	80	1190	33	10	12		12		7	5		
6856	M	53	720	19	7	1		6		14	6		
6908	M	30	410	15	4	3		4		3	1		
6873	M	29	460	17	6			3	1	2			
6911	M	59	1340	29	19			1		6	3		
6915	M	7	170	6	1								
6917	M	7	170	4	1					2			
6907	M	8	110	1	1			3		3			
6920	M	27	955	12	7	2					6		
6916	M	21	875	10	5			1		3	2		
6914	M	39	855	20	4					2	11		
6912	M	73	1835	30	13			2		21	7		
6913	M	28	570	17	7	1		1			2		
6918	M	13	165	5	1	1		1			4		
6906	M	6	80	5						1			
6921	M	6	250	3	3								
6838	M	38	345	24	13	1							
6853	M	15	180	7	8								
6961	M	21	560	10	9	1				1			
6769	M	14	225	8	5					1			
6796	M	14	130	6	5					1	2		
6681	M	11	270	5	4			1			1		
6685	M	6	190	2	2					1	1		
6803	M	4	160	2	2								
6695	M	16	235	4	5			1	1	4	1		
6664	M	9	155	7	1			1					
6812	M	16	280	13	3								
6785	M	16	405	7	3			2		1	2		
6669	M	4	65	3	1								
6701	M	22	250	14	2			1	1	3	1		
6658	M	3	20	1	2								
6679	M	17	245	9	8								
6687	M	13	180	8	5								
6764	M	39	800	17	11	2		4			5		
6779	M	32	650	12	7			5	2	3	3		
6768	M	22	320	12	6	1					2		
6734	M	8	105	3	3	2							
6736	M	12	280	8						2	2		
6773	M	20	375	7	9				1	2	1		
6792	M	5	130	1	2	2							
6765	M	16	195	11	4			1					
6740	M	13	190	6	3	2		1			1		
6672	M	13	160	4	6	1				1	1		
6808	M	16	155	7	7			1		1			
6744	M	24	250	11				3	4	3			
6707	M	18	460	8	3	1		3		3			

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6675	M	15	280	3	5			3		3	1		
6704	M	9	180	2	4	1					2		
6795	M	9	315	4	4			1					
6800	M	2	45	1				1					
6794	M	1	5	1									
6660	M	2	30		2								
6787	M	16	540	5	5			1	1	2	2		
6804	M	3	70	1	2								
6700	M	13	160	7	3			1		1	1		
6788	M	5	50	2	2	1							
6694	M	8	90	5	1			1		1			
6807	M	5	55	1	4								
6677	M	2	30	1	1								
6757	M	1	15							1			
6789	M	2	40	1	1								
6801	M	6	45	4						2			
6814	M	2	15	1							1		
6810	M	2	20	1						1			
6842	M	43	1050	27	2	2		3		1	5		1
6845	M	44	1635	18	6	9			2		8		
6947	M	24	325	6	6	1		8	1	1	1		
6797	M	4	90	1	2					1			
6878	M	22	1600	3	1	1		2		2	12		
6552	M	4	130		3					1			
6811	M	0	0										
6776	M	2	20	1	1								
6443	M	5	40	2	2					1			
6802	M	5	45	1	1					3			
6791	M	5	60	4	1								
6799	M	6	65	4	2								
6818	M	5	70	4	1								
6778	M	3	20	1	1			1					
6745	M	3	35	3									
6824	M	1	20	1									
6439	M	1	25		1								
6817	M	1	10	1									
6826	M	2	25	2									
6550	M	4	60	2	2								
6786	M	7	90	5	2								
6813	M	6	115	5				1					
6805	M	6	70	4	1						1		
6775	M	3	165	2					1				
6445	M	1	15	1									
6798	M	2	25	2									
6448	M	4	30	4									
6844	M	5	80	2	2					1			
6828	M	1	160		1								
6752	M	9	190	4	5								
6820	M	16	150	9	4						3		
6771	M	7	125	3	3			1					
6829	M	4	130	3							1		
6790	M	15	185	14	1								
6793	M	8	175	4	3						1		
6816	M	8	80	4	1			2	1				
6822	M	48	3035	28	15					2	3		
6823	M	26	480	14	3	1		2			5		
6755	M	21	280	11	9						1		
6747	M	20	340	17	3								
6821	M	8	185	4						4			
6819	M	12	270	7	1					4			
6969	2014-7	248	3065	206	27	4			1	4	2		
6974	2014-7	85	1520	67	12	5			1				
6975	2014-7	68	1495	50	15	2		1					
6970	2014-5	5	115	3	2								
6967	2014-5	34	745	22	11	1							

PROV	Area	V101	V102	V103	V104	V105	V106	VAYW	VLG	VFC	VGBB	VSJRW	VSJSR
6966	2014-4	130	1960	100	22	1							
6971	2014-4	3	30	3									
6418	2014-3	62	565	50	11	1							
6417	2014-3	26	160	18	8								
6416	2014-3	33	170	28	5								
6413	2014-3	16	70	15	1								
6411	2014-3	19	255	11	5	3							
6419	2014-3	29	210	26	3								
6424	2014-3	19	165	13	4	2							
6426	2014-3	8	180	7	1								
6428	2014-3	13	110	9	4								
6402	2014-1	6	25	6									
6403	2014-1	4	10	4									
6404	2014-1	1	5		1								
6405	2014-1	6	15	6									
6410	2014-1	3	5	3									
6401	2014-2	8	75	6	1								
6407	2014-2	3	50	2	1								

Table C.2 - El Mogote Ceramics by Paste (Part 2)

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6746												
6738												
6729												
6751												
6749												
6728												
6750												
6742												
6758												
6735												
6754												
6753												
6712			1									
6713												
6739												
6721												
6724												
6699												
6719												
6698												
6659												
6815												
6782												
6774												
6763												
6783												
6767												
6780												
6777												
6766												
6770												
6761												
6762												
6772		1										
6781												
6697												
6702												
6706												
6710												
6690												
6693												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6716												
6691												
6692												
6711												
6708												
6714												
6715												
6705												
6703												
6759												
6717												
6718												
6748												
6737												
6733												
6756												
6727												
6741												
6760												
6731												
6732												
6730												
6808												
6784												
6682												
6623												
6628												
6596												
6608												
6625												
6609												
6643												
6676												
6622												
6597												
6684												
6574												
6633												
6634												
6593			1									
6632												
6598												
6647												
6673				1								
6663												
6674												
6646												
6661					1							
6629												
6618												
6638												
6665												
6648												
6621												1
6604												
6603												
6606			1									
6680												
6678												
6670												
6649												
6653												
6627												
6642												
6655												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6667												
6612												
6617												
6626												
6605												
6637												
6602												
6594												
6668			1									
6671			1									
6651												
6644												
6615												
6583												
6584												
6585												
6582												
6580												
6581												
6587												
6590												
6586												
6591												
6572												
6568												
6599												
6566												
6654												
6695												
6600												
6619												
6577			1									
6611												
6567												
6570												
6569												
6578												
6616												
6575					1							
6588												
6592												
6579												
6571												
6635												
6624												
6652												
6662												
6645							1					
6656												
6573												
6639												
6666												
6640												
6641												
6650						1	1					
6601							2					
6589												
6610												
6613												
6614												
6607												
6726												
6720												
6725												
6709												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6723												
6576												
6429												
6444												
6438												
6473												
6722												
6504												
6437												
6469												
6458												
6425												
6434												
6462							1					
6460												
6452												
6464							1					
6468												
6465												
6509												
6508												
6500												
6453												
6486												
6481												
6507												
6484												
6482												
6463							1					
6506								2				
6475												
6432												
6470												
6450												
6446												
6478												
6477									1			
6487												
6490												
6479												
6502												
6441								1				
6471												
6657												
6459												
6433												
6466												
6489												
6461												
6480												
6472												
6476												
6505												
6501												
6503												
6485												
6440												
6541												
6431												
6560									1			
6538									1			
6564												
6549												
6540												
6555												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6563												
6543												
6558												
6630												
6561												
6556			1									
6554												
6553												
6548												
6546												
6436												
6455												
6447												
6430												
6423												
6420												
6442												
6449												
6457												
6427												
6499												
6492		1										
6435												
6454												
6494												
6495												
6496									1			
6497												
6491												
6493												
6514												
6510												
6511									2			
6513												
6515												
6517												
6516												
6521												
6520												
6522												
6523												
6524												
6525												
6526												
6527									1			
6528												
6529												
6519												
6530												
6532												
6533												
6531												
6534												
6535												
6536												
6537												
6539												
6542												
6544									1			
6545												1
6547												
6551									1			
6557												
6559												
6562												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6565												
6421												
6498												
6512												
6414												
6415												
6422												
7013												
7001									1			
7003												
7006												
7005												
6996												
7002												
7027												
7004												
7007												
6994												
7026												
7015												
7014												
6995												
7023												
6999												
6997												
7010												
7000												
6991												
7031												
7020												
7019												
7018												
7008												
7021												
7024												
7025												
7009												
7017												
7012												
7016												
6990												
7037												
7030												
6987												
6988												
7029												
7028												
6968												
7032												
6989												
6986												
6977												
6984												
6972												
6993			1									
6976												
6981												
6982												
6983												
6998												
6980												
6985												
6978												
6979												
6973												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6992												
6910		1										
6896												
6888												
6894												
6877												
6885												
6886												
6887												
6883				1								
6890												
6893												
6895												
6898												
6874												
6880									1			
6903		1										
6884												
6879				2								
6897				2				2				
6899												
6881												
6876												
6919												
6922				4								
6923				2								
6930a												
6930b												
6951												
6952												
6964												
6955				1								
6956												
6954												
6960				1								
6957												
6965												
6959												
6958												
6925												
6927				1								
6931												
6928												
6929									3	1		
6924	2		1	2						1		
6938												
6941				2								
6948												
6939												
6953												
6940												
6950												
6935												
6944												
6933												
6943												
6942												
6834												
6858												
6851												
6850												
6846												
6860												
6848												
6857												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6849												
6835												
6847												
6837												
6843			1									
6836									2			
7038												
6831												
6852												
6841									3			
6833									3			
6840									4			
6904												
6832												
6845												
6892				3								
6909												
6882												1
6902												
6901												
6900												
6875												
6905				2								
6889												
6861												
6871												
6863												
6866												
6867												
6862												
6869												
6891												
6870												
6854												
6872				1								1
6864												
6859												
6865												
6868			1									
6856												
6908												
6873												
6911			1									
6915												
6917												
6907												
6920												
6916												
6914								2				
6912												
6913												
6918										1		
6906												
6921												
6838												
6853												
6961												
6769												
6796												
6681												
6685												
6803												
6695												
6664												
6812												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6785				1								
6669												
6701												
6658												
6679												
6687												
6764												
6779												
6768												
6734												
6736												
6773												
6792												
6765												
6740												
6672												
6808												
6744												
6707												
6675												
6704												
6795												
6800												
6794												
6660												
6787												
6804												
6700												
6788												
6694												
6807												
6677												
6757												
6789												
6801												
6814												
6810												
6842				1								
6845												
6947												
6797												
6878			1									
6552												
6811												
6776												
6443												
6802												
6791												
6799												
6818												
6778												
6745												
6824												
6439												
6817												
6826												
6550												
6786												
6813												
6805												
6775												
6445												
6798												
6448												
6844												

PROV	VAR OB	VLMW	VMO	VDW	VAY WEMOI	VTLBP	VOB	DFG	LHP	VCWRB	VPC	V 107
6828												
6752												
6820												
6771												
6829												
6790												
6793												
6816												
6822												
6823								1				
6755												
6747												
6821												
6819												
6969									3			1
6974												
6975												
6970												
6967												
6966											7	
6971												
6418												
6417												
6416												
6413												
6411												
6419												
6424												
6426												
6428												
6402												
6403												
6404												
6405												
6410												
6401		1										
6407												

Table C.3 - El Mogote Ceramics by Paste (Part 3)

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6746			4					
6738			2					
6729			4					
6751			10		1			
6749		23	30					
6728	1		2					
6750			7					
6742			7					
6758		4	30					
6735			3					
6754			5		1			
6753								
6712			11		1			
6713			6					
6739			7					
6721			9					
6724								
6699			3					
6719			7					
6698								
6659								

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6815			10					
6782			3					
6774			2					
6763								
6783								
6767			3					
6780			5					
6777								
6766								
6770								
6761			1					
6762								
6772			1					
6781	1		2					
6697			2					
6702								
6706			4					
6710	1		3					
6690								
6693			2					
6716			10					
6691								
6692			2					
6711			2					
6708								
6714			3					
6715			3					
6705								
6703								
6759			1					
6717			1					
6718								
6748								
6737	1		8					
6733			2					
6756								
6727			1					
6741			2					
6760								
6731	1							
6732								
6730								
6808								
6784			1					
6682		3	2					
6623								
6628			3					
6596			1					
6608			4					
6625	1							
6609								
6643			5					
6676		11	2					
6622			1					
6597			1					
6684								
6574			3					
6633								
6634			2					
6593								
6632								
6598			1					
6647			3					
6673			5					
6663								

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6674	1		3					
6646								
6661								
6629			1					
6618	1							
6638								
6665								
6648								
6621								
6604			1					
6603								
6606			1					
6680			1					
6678			2					
6670			1					
6649			2					
6653			4					
6627			1					
6642								
6655			1					
6667								
6612	1							
6617								
6626			2					
6605								
6637			4					
6602			2					
6594	1		1					
6668	3		5					
6671			6					
6651								
6644			3					
6615	3							
6583	3							
6584								
6585	1		5					
6582			1					
6580								
6581	2							
6587			1					
6590	2		3					
6586								
6591	1		3					
6572	2							
6568	3		1					
6599	1		1					
6566								
6654	1							
6695			2					
6600	3		2					
6619			2					
6577	2	19	32					
6611								
6567			1					
6570			2					
6569			7					
6578	1							
6616								
6575	2		2					1
6588			1					
6592	3							
6579								1
6571	2		1					
6635			1					
6624	1		3					

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6652								
6662	1							
6645								
6656								
6573								
6639								1
6666								
6640								
6641	1							
6650								
6601								
6589	2							
6610			1					
6613			1					
6614			1					
6607								
6726								
6720								
6725								
6709			2					
6723			3					
6576			1					
6429								
6444			2					
6438			1					
6473								
6722	1		5					
6504	3		3					
6437	1		2					
6469								
6458			1					
6425								
6434								
6462								
6460			1					
6452			1					
6464			1					
6468			1					
6465						1		
6509	1		3					
6508								
6500			1					
6453			1					
6486								
6481								
6507			1					
6484	1							
6482			2					
6463	7		3					
6506	1							
6475	2		3					
6432								
6470								
6450								
6446			2					
6478								
6477								
6487			2					
6490								
6479								
6502								
6441								
6471								
6657			1					
6459	1							

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6433			1					
6466	2							
6489								
6461								
6480								
6472			1					
6476								
6505								
6501								
6503								
6485								
6440			7					
6541	1							
6431								
6560								
6538			3					
6564	1		3					
6549			1					
6540			1					
6555			2					
6563								
6543								
6558								1
6630			1					
6561								
6556	2		2					
6554	1							
6553								
6548								
6546								
6436			1					
6455			1					
6447			1					
6430								
6423								
6420								
6442			6					
6449			1					
6457			1					
6427								
6499	2		1					
6492	1							
6435			1					
6454								
6494			1					
6495								
6496			1					
6497	3		1					
6491								
6493								
6514			2					
6510								
6511			1					
6513	1							
6515								
6517			3					
6516			2					
6521								
6520								
6522			1					
6523			1					
6524								
6525								
6526			1					
6527	1							

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6528								
6529			3					
6519								
6530								
6532								
6533								
6531								
6534			1					
6535			1					
6536								
6537			3					
6539								
6542			1					
6544			2					
6545								
6547								
6551								
6557								
6559			2					
6562			1					
6565			6					
6421								
6498	2		5					1
6512			2					
6414								
6415								
6422								
7013			2					
7001			3					
7003			2					
7006			2					
7005			8					
6996			6					1
7002			3					
7027			5					
7004								
7007			3					
6994			7					
7026			8					
7015			15					
7014			14					
6995								
7023			4					
6999			1					
6997			2					
7010			21					
7000			5					
6991			2					
7031			39					
7020								
7019			1					
7018								
7008			4					1
7021								
7024								
7025			2					
7009	1		2					
7017								
7012			7					
7016								
6990								
7037								
7030			50					
6987			19			1		
6988			13					

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
7029			5					
7028			10					
6968			17					
7032			13					
6989			1					
6986			6					
6977			15					
6984			1			1		
6972			8					
6993			2					
6976			4					
6981								
6982			2					
6983								
6998			2					
6980			3					
6985								
6978								
6979								
6973								
6992								
6910			48			2		
6896			5					
6888			6					
6894			1			2		
6877			18					
6885			8					
6886			6					3
6887			3					
6883			25					
6890			2					1
6893			2			1		
6895								
6898								
6874			5					
6880			6					
6903			9					
6884			4					
6879			6					1
6897			4			10		1
6899			5					
6881			4					
6876			3					
6919			14					
6922			2			14		1
6923								
6930a			7					
6930b								
6951			1			1		
6952								
6964								
6955			2					
6956								
6954			2					
6960								
6957			3					
6965								
6959			1					
6958			1					
6925			2					
6927								
6931			2					
6928			5					
6929			4					
6924			4			1		

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6938			1					
6941								
6948			1					
6939								
6953								
6940			1					
6950								
6935			8					
6944								
6933			2					1
6943								
6942								
6834								
6858								
6851								
6850								
6846								
6860			1					
6848								
6857			4					
6849								
6835			2					1
6847								
6837								
6843			4					
6836								
7038								
6831			1					
6852								
6841								
6833			1					
6840								
6904								
6832								
6845			2					
6892			10					
6909								
6882			1					
6902			1					
6901								
6900								
6875			3					
6905								
6889			3					
6861			1					
6871								
6863			2					
6866								
6867			1					
6862								
6869			1					
6891			2					1
6870			2			1		
6854			2					
6872			1					1
6864								
6859								
6865			1					
6868			2					
6856								
6908								
6873			2					
6911			6					
6915								
6917								

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6907								
6920								
6916			1					
6914								
6912			4					
6913			2					
6918			3					
6906								
6921								
6838								
6853								
6961								
6769								
6796								
6681								
6685								
6803								
6695								
6664								
6812								
6785			1					
6669			1					
6701								
6658			1					
6679								
6687								
6764			2					
6779			1					
6768			2					1
6734								
6736								
6773								
6792								
6765								
6740								
6672								
6808								
6744								3
6707								
6675			1					
6704								
6795								
6800								
6794								
6660			1					
6787								
6804								
6700			1					
6788								
6694								
6807								
6677								
6757								
6789								
6801			1					
6814								
6810								
6842			8					1
6845								1
6947								
6797								
6878								
6552								
6811								
6776			1					

PROV	V108	V109	V110	VCB	VCRB	VSFG	VXOCH	WSJBW
6443								
6802								
6791								
6799								
6818			1					
6778			2					
6745								
6824								
6439			1					
6817								
6826								
6550								
6786								
6813								
6805								
6775								
6445								
6798								
6448								
6844								
6828								
6752								
6820								
6771			1					
6829								
6790								
6793								
6816			1					
6822			23					
6823								
6755			1					
6747								
6821			1					
6819								
6969								
6974								
6975								
6970								
6967			1					
6966								
6971								
6418								
6417								
6416								
6413								
6411								
6419								
6424								
6426								
6428								
6402								
6403								
6404								
6405								
6410								
6401								
6407								

Table C.4 - El Mogote Ceramics by Gray Paste Caso Bernal and Acosta 1967 Types

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6746					3	5					1		6
6738						2							13

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6729						2							
6751						3							7
6749					2								2
6728													4
6750						3							2
6742					1	1							9
6758					1	2							2
6735						2							2
6754													4
6753						2							
6712					2	1							10
6713													1
6739					2								9
6721						1							3
6724						1							3
6699						5							6
6719													1
6698					1	2							3
6659					1								6
6815					1	3							7
6782													
6774					2								2
6763													
6783						1							1
6767			1										1
6780													3
6777													
6766						1							
6770					1	1							
6761					2	4							6
6762													2
6772	1				1			1					7
6781					1			1					3
6697													2
6702						1							3
6706					1								4
6710													2
6690						1							1
6693						1							2
6716													1
6691													1
6692													1
6711								1					1
6708													
6714													
6715													1
6705													
6703													1
6759					1								
6717													1
6718													
6748													
6737					1	1							3
6733													4
6756													2
6727													3
6741													
6760													3
6731													2
6732									1				
6730													1
6808													1
6784					1								1
6682													
6623													

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6628													
6596													
6608													
6625													1
6609													1
6643													2
6676			1										2
6622					3	1							5
6597			1		1								
6684								1					
6574													2
6633			1										
6634													1
6593				1									
6632													2
6598				1									2
6647					1								1
6673													2
6663						1							
6674												1	
6646													
6661													2
6629													
6618													1
6638					1								
6665					1								
6648													
6621													
6604													1
6603						1							1
6606													
6680				1									4
6678													1
6670							1						2
6649													2
6653													2
6627													2
6642													1
6655													3
6667													
6612													3
6617													2
6626													
6605						1							
6637													3
6602													
6594						1		1					2
6668					1								1
6671													2
6651													
6644													3
6615													3
6583				1	1	2							
6584					1								2
6585								1					
6582					1								2
6580													
6581													2
6587					2								2
6590					1								1
6586					1								
6591													1
6572						2		1					2
6568													2
6599													1

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6566													3
6654													
6695													1
6600													3
6619													3
6577											1		2
6611						1							
6567													
6570													1
6569													
6578													1
6616			1										4
6575													
6588													2
6592													1
6579													1
6571					1								
6635		1	1		3								3
6624													2
6652					1								3
6662					2								2
6645													1
6656					1			1					1
6573			1										1
6639													
6666													1
6640					1								4
6641													1
6650			1										
6601													1
6589													3
6610													
6613					1								1
6614													3
6607				1		1							1
6726						1							5
6720													4
6725													
6709													3
6723					1								3
6576								1					4
6429					1								2
6444													1
6438													1
6473													1
6722													1
6504													2
6437													
6469													
6458						1							
6425													1
6434													
6462					1			1					2
6460													1
6452													1
6464					1								3
6468													
6465					1								
6509			1			1							4
6508													3
6500													
6453													3
6486					1								
6481						1							1
6507													1

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6484													1
6482													
6463					3								8
6506					1								1
6475					1								4
6432													
6470													1
6450													
6446													
6478													1
6477													
6487													1
6490					1								
6479													1
6502			1										1
6441													1
6471													1
6657					1								3
6459					1								2
6433													1
6466													1
6489						1							
6461						1							1
6480					1								1
6472													
6476													
6505													1
6501													1
6503													
6485					1								
6440						2							1
6541					1								
6431				1									
6560													
6538													2
6564													1
6549						1							
6540													2
6555					1			1					2
6563						1							1
6543								1					1
6558						1							2
6630			1										
6561													
6556					2								2
6554													2
6553													1
6548						1							2
6546													1
6436													1
6455						1							1
6447									1				2
6430													1
6423						1							1
6420					1								
6442													2
6449													1
6457						1							1
6427					1								2
6499													1
6492													5
6435													1
6454			1										1
6494													2
6495													1

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6496													1
6497													
6491													
6493					1								
6514													3
6510													2
6511													2
6513													1
6515													2
6517					1								
6516					1								2
6521													3
6520						2							2
6522				1				1					5
6523						1							
6524				1									3
6525													2
6526													2
6527						1							1
6528													
6529													2
6519													1
6530													2
6532													2
6533					1								2
6531													1
6534													
6535													3
6536													
6537			1										4
6539													2
6542													2
6544													1
6545					1								1
6547													
6551													2
6557													1
6559													1
6562													2
6565						1							2
6421													3
6498					1								2
6512													4
6414					1	1							5
6415					1								4
6422													1
7013													1
7001													
7003										1			13
7006								2					6
7005						3				1			25
6996								2					12
7002						1							5
7027						1		2					16
7004													16
7007						1		2					8
6994													13
7026						1		1					22
7015							1	6					62
7014						1							29
6995													2
7023													10
6999					2	1							16
6997						2							5
7010								3					53

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
7000					2	3		3					28
6991			1			1							4
7031					2	4		10					79
7020													2
7019													2
7018						1							1
7008	1				1			1					32
7021				1	1								13
7024						2							7
7025													5
7009						1							9
7017					1	2		1					5
7012								2					8
7016													1
6990													2
7037													1
7030					1	3		15		1			142
6987				1	3	3		6					66
6988					1	4		6		1			48
7029						2		3					26
7028					1	1		3					48
6968						5		4	1				85
7032								4					29
6989						1							1
6986					1								6
6977	2					2		2					39
6984					4	4		3					31
6972				1	6	4		1		1			38
6993													9
6976						2							9
6981						3							10
6982													16
6983						2		2					11
6998													10
6980								2					6
6985						2		1					8
6978					1	1							10
6979													4
6973						1		1					2
6992							1						1
6910				1	9	15		1					69
6896													5
6888					1								4
6894								1					1
6877					1	1		1					21
6885													12
6886													6
6887						1							
6883								1					10
6890					1			1					8
6893					1								3
6895					1								3
6898						1		1					9
6874						1		1					13
6880						3							9
6903						2		2					24
6884													5
6879								1					37
6897					1		1	2					29
6899					4	3							23
6881				1									13
6876								1					7
6919						3	1	4					65
6922				1				2					15
6923						1		1					24

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6930a						1							10
6930b													2
6951													13
6952													1
6964													1
6955						1							5
6956													2
6954				1									12
6960													4
6957					1	1		1					10
6965													2
6959													6
6958													6
6925				1		1							3
6927													
6931					1	1							1
6928					1			1					10
6929					6	4							61
6924					2	1		1					40
6938				1									2
6941													8
6948													3
6939													4
6953													4
6940													6
6950													7
6935					1			1					8
6944													1
6933					1								
6943					1	1		1					3
6942													1
6834					2	1							11
6858													2
6851													8
6850						2							2
6846						1							22
6860													4
6848								1					5
6857						2							12
6849													12
6835					2	6							56
6847					3								16
6837				1	2								19
6843				1		2		3					49
6836					1	1							7
7038													6
6831													2
6852								1					
6841					1								11
6833													13
6840					4	2		1					23
6904													10
6832					4	3		1					37
6845								1					12
6892				1		3							43
6909					1								4
6882													18
6902						1							14
6901					1								19
6900						1							8
6875													7
6905													12
6889						2							10
6861						1							1
6871													4

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6863					1	1							2
6866					1	1							2
6867													9
6862													
6869													13
6891					1	1							24
6870					1	3							18
6854													16
6872					1								25
6864													5
6859						2	1	1					6
6865								1					14
6868					3			3					27
6856					1								18
6908					1	1							13
6873					1								16
6911						1							28
6915					1								5
6917													4
6907													1
6920					2	1							9
6916													10
6914					1	1							18
6912				3		1		3					23
6913					1	1							15
6918													5
6906													5
6921								1					2
6838					1			1					22
6853													7
6961													10
6769													8
6796													6
6681													5
6685													2
6803													2
6695						2							2
6664					1								6
6812													13
6785						1							6
6669					1	1							1
6701													14
6658								1					
6679						2							7
6687				1				1					6
6764					2	1		1					13
6779						1		1					10
6768						1		1					10
6734													3
6736						1							7
6773													7
6792													1
6765								2					9
6740						1							5
6672						1							3
6808													7
6744						1							10
6707													8
6675					1								2
6704													2
6795						1							3
6800													1
6794													1
6660													
6787						1							4

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6804													1
6700						1		1					5
6788													2
6694													5
6807													1
6677													1
6757													
6789													1
6801													4
6814													1
6810													1
6842													27
6845					3								15
6947					1								5
6797													1
6878								1					2
6552													
6811													
6776													1
6443													2
6802													1
6791													3
6799													4
6818										1			3
6778													1
6745					1	1							1
6824													1
6439													
6817													
6826						1							1
6550													2
6786									1				2
6813									1				3
6805													4
6775													2
6445													
6798													
6448													3
6844													2
6828													
6752					1								3
6820													7
6771													2
6829													3
6790					2								4
6793													2
6816													2
6822								1					25
6823						1							13
6755													10
6747													6
6821													4
6819													6
6969	3		7	22	13	12		3			1	1	144
6974			2	2	4	8					1		50
6975			4	5	3	4	1	1				1	31
6970						1		1					1
6967					1	1		2					18
6966	1			2	3	5		1					85
6971									1				2
6418			3	1		1	1	1					43
6417						1		1					16
6416			2			3							23
6413				1									14
6411				2									9

PROV	V112	V113	V115	V116	V118	V119	V120	V121	V124	V126	V127	V128	V130
6419				4		1		1					20
6424			1		1								11
6426			1			1							5
6428				2									7
6402								1					5
6403													4
6404													
6405						1							5
6410													3
6401					1								5
6407													2

Table C.5 - El Mogote Ceramics by Crema Paste Caso Bernal and Acosta 1967 Types

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6746													
6738													
6729													
6751													
6749													
6728				3									
6750													
6742													
6758													
6735													
6754													
6753													
6712													
6713													
6739													
6721													
6724													
6699													
6719													
6698				1									
6659				1		1							
6815		4											
6782													
6774		1		1		2							
6763						1							
6783													
6767													
6780	1	1						1					
6777													
6766													
6770													
6761													
6762													
6772													
6781													
6697													
6702													
6706													
6710													
6690													
6693													
6716													
6691													
6692													
6711													
6708													
6714													
6715													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6705													
6703													
6759													
6717													
6718													
6748													
6737				1									
6733				2									
6756													
6727													
6741													
6760													
6731													
6732													
6730													
6808													
6784													
6682													
6623	1	1											
6628													
6596													
6608													
6625	1				1								
6609													
6643													
6676													
6622		1	1			1							
6597	1												
6684											1		
6574				2									
6633													
6634													
6593													
6632													
6598													
6647				1									
6673				1							1	1	
6663				1									
6674				1									
6646				1									
6661													
6629													
6618													
6638													
6665													
6648						1							
6621													
6604													
6603													
6606													
6680									1		1		
6678				2									
6670													
6649													
6653													
6627													
6642													
6655				1									
6667													
6612													
6617											1		
6626				5							1		
6605													
6637				2									
6602											1		

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6594						1							
6668	1			2				1			3		
6671	2			3									
6651	3			1							2		
6644				1									
6615													
6583				1				1					
6584													
6585						1							
6582													
6580													
6581													
6587													
6590													
6586								2					
6591		1											
6572				1		1							
6568						1							
6599	2												
6566	1					1		2					
6654													
6695													
6600				1							1		
6619													
6577			1	3									
6611													
6567													
6570													
6569	1												
6578	1										1		
6616													
6575													
6588	1												
6592	1												
6579				1									
6571													
6635	1					1							
6624	1												
6652						2							
6662				1									
6645													
6656		1		1				2					
6573													
6639													
6666													
6640	1												
6641													
6650													
6601				2									
6589													
6610				2									
6613													
6614	3	1											
6607													
6726													
6720													
6725													
6709													
6723													
6576													
6429	1												
6444													
6438		1		5									
6473		1											
6722	2												

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6504													
6437													
6469		2											
6458	1												
6425													
6434													
6462						1							
6460													
6452	1												
6464													
6468		2											
6465													
6509	2	1		1									
6508				2	1								
6500													
6453		2											
6486													
6481													
6507													
6484													
6482													
6463				3		1							
6506				2									
6475				2									
6432													
6470				1		1							
6450		1											
6446													
6478													
6477													
6487													
6490													
6479													
6502													
6441	2												
6471													
6657	1			4		1							
6459	1												
6433													
6466	1												
6489	2			1		1							
6461													
6480				1							1		
6472	1												
6476						2							
6505													
6501	1												
6503													
6485													
6440													
6541	1	1											
6431		2											
6560													
6538		2											
6564	1												
6549													
6540													
6555	1												
6563													
6543													
6558													
6630													
6561													
6556													
6554													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6553													
6548				2									
6546													
6436													
6455													
6447	2					1					1		
6430	1							1					
6423													
6420													
6442													
6449		2		1				1					
6457	2			2									
6427													
6499	1			1									
6492		1											
6435													
6454													
6494													
6495													
6496													
6497													
6491													
6493													
6514													
6510		2											
6511	1	1									1		
6513													
6515													
6517													
6516				1									
6521													
6520	1												
6522													
6523													
6524		1											
6525											1		
6526													
6527													
6528													
6529													
6519													
6530													
6532	2												
6533													
6531													
6534													
6535				1									
6536													
6537	2												
6539													
6542				1									
6544													
6545													
6547													
6551													
6557													
6559													
6562	1												
6565													
6421													
6498													
6512		1											
6414													
6415													
6422													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
7013													
7001													
7003	1	1											
7006													
7005	1	1					1						
6996		1		1									
7002													
7027	1	1		1			1						
7004													
7007													
6994													
7026													
7015		1		1									
7014													
6995													
7023													
6999		1											
6997													
7010	1	2											
7000				1									
6991		1											
7031				3			1					1	
7020													
7019													
7018	1												
7008	2												
7021	1	1					1						
7024				1									
7025		1											
7009		2											
7017													
7012													
7016													
6990													
7037													
7030		3											
6987				1									
6988		2		2									
7029													
7028		1											
6968		1		2									
7032		2											
6989													
6986		1											
6977													
6984													
6972		1		2									
6993													
6976						1							
6981				1									
6982	2												
6983		1											
6998													
6980				1									
6985													
6978													
6979													
6973													
6992		1											
6910	1	3		2									
6896													
6888													
6894													
6877		1				1							
6885	1	2											

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6886													
6887												1	
6883	1	2		1									
6890	1	1											
6893						1							
6895				2									
6898													
6874	2					1							
6880													
6903	1			2									
6884	3	3											
6879		9	2	3								2	
6897		3											
6899													
6881													
6876		1											
6919		1		3								1	
6922		6		1									
6923													
6930a													
6930b													
6951		1		2									
6952		2										1	
6964													
6955		1											
6956													
6954													
6960		2											
6957													
6965		1											
6959													
6958													
6925													
6927													
6931													
6928													
6929		2											
6924		1											
6938													
6941				1									
6948													
6939													
6953		1											
6940													
6950		1											
6935				1									
6944													
6933													
6943													
6942													
6834	1					1							
6858													
6851		1											
6850													
6846	3	3		3									
6860				1									
6848	1												
6857						1							
6849		2											
6835		3		2									
6847	3			5									
6837		2											
6843		5		3									
6836													
7038													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6831	1												
6852													
6841													
6833		1											
6840	7	7		1									
6904													
6832	1	3											
6845	1	1											
6892													
6909													
6882													
6902		1											
6901													
6900													
6875													
6905													
6889													
6861	1												
6871													
6863													
6866				1									
6867													
6862													
6869	1												
6891		1		1									
6870													
6854	2												
6872		1											
6864													
6859													
6865				2									
6868		3		9									
6856		1											
6908	1	1		1									
6873													
6911													
6915													
6917													
6907													
6920		1		1									
6916													
6914													
6912													
6913		1											
6918				1									
6906													
6921													
6838	1												
6853													
6961		1											
6769													
6796													
6681													
6685													
6803													
6695													
6664													
6812													
6785													
6669													
6701													
6658													
6679													
6687													
6764		2											

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6779													
6768	1												
6734		1		1									
6736													
6773													
6792		2											
6765													
6740	1			1									
6672				1									
6808													
6744													
6707				1									
6675													
6704				1									
6795													
6800													
6794													
6660													
6787													
6804													
6700													
6788				1									
6694													
6807													
6677													
6757													
6789													
6801													
6814													
6810													
6842		1		1									
6845				9									
6947		1											
6797													
6878		1											
6552													
6811													
6776													
6443													
6802													
6791													
6799													
6818													
6778													
6745													
6824													
6439													
6817													
6826													
6550													
6786													
6813													
6805													
6775													
6445													
6798													
6448													
6844													
6828													
6752													
6820													
6771													
6829													
6790													
6793													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
6816													
6822													
6823		1											
6755													
6747													
6821													
6819													
6969	1	1		2									
6974		3		2									
6975		2											
6970													
6967		1											
6966	1												
6971													
6418	1												
6417													
6416													
6413													
6411	1	1			1								
6419													
6424	2												
6426													
6428													
6402													
6403													
6404													
6405													
6410													
6401													
6407													

Table C.6 - El Mogote Ceramics by Café Paste Caso Bernal and Acosta 1967 Types

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6746	1					15		
6738				1		5		
6729						3		
6751					1	3		
6749			2			2		
6728					1	2		
6750						3		
6742						7		
6758						6		
6735					1	1		
6754						3		
6753								
6712		1		2	1	10		
6713						7		
6739						7		
6721			1			5		
6724						2		
6699					1	4		
6719						3		
6698						4		
6659						2		
6815						2		
6782						1		
6774				1		3		
6763								
6783						1		
6767	1					2		
6780						1		
6777			1					

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6766	2							
6770								
6761					1	2		
6762						3		
6772						1		
6781	2					3		
6697	1							
6702						1		
6706	1					4		
6710		1				2		
6690						1		
6693						10		
6716						1		
6691		1	2					
6692								
6711	1							
6708						1		
6714								
6715						1		
6705			1					
6703						1		
6759						1		
6717								
6718								
6748		1				2		
6737	2		1			4		
6733	1					2		
6756						1		
6727						1		
6741								
6760						2		
6731								
6732								
6730		1				1		
6808	1							
6784			1			2		
6682								
6623								
6628	1							
6596						2		
6608								
6625						1		
6609								
6643						1		
6676						2		
6622			1			3		
6597						2		1
6684		1				1		
6574						3		
6633								
6634								
6593								
6632						1		
6598						1		
6647								
6673						1		
6663								
6674						1		
6646								
6661							1	
6629					1			
6618								
6638						1		
6665						1		
6648				2	1			

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6621								
6604						1		
6603						2		
6606								
6680	1					2		
6678						2		
6670	1					3		
6649						1		
6653								
6627						1		
6642						3		
6655	1							
6667								
6612								
6617						2		
6626						2		
6605						1		
6637	3					3		
6602						2		
6594	1							
6668							1	
6671						1		
6651						1		
6644	1					1		
6615				1		1		
6583						3		
6584						2		
6585						1		
6582								
6580						1		
6581								
6587			1			3		
6590	3							
6586								
6591						1		
6572	1							
6568	2					1		
6599						1		
6566						1		
6654								
6695						2		
6600								
6619						2		
6577	3					2		
6611								
6567	3							
6570						2		
6569						1		
6578						3		
6616								
6575						1		
6588	1					1		
6592								
6579								
6571						1		
6635	1					1		
6624	1		1			1		
6652								
6662	1							
6645								
6656								
6573			1					
6639	3		2					
6666								
6640								

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6641	1							
6650	2		1					
6601						1		
6589						1		
6610								
6613			1					
6614					1			
6607								
6726			1			1		
6720						3		
6725			1			4		
6709						1		
6723						3		
6576			1					
6429								
6444						1		
6438						1		
6473					1	1		
6722	1							
6504								
6437				1				
6469								
6458	1				1			
6425								
6434						1		
6462						5		
6460	1					3		
6452						3		
6464	1					1		
6468	2					3		
6465								
6509								
6508	2							
6500	1							
6453	1					1		
6486						2		
6481						1		
6507						3		
6484	2					1		
6482								
6463						4		
6506	3					1		
6475	3					2		
6432	1							
6470							1	
6450	1							
6446								
6478								
6477								
6487						2		
6490			1					
6479	1					1		
6502								
6441								
6471								
6657	5		1					
6459						1		
6433						1		
6466						1		
6489				1				
6461								
6480								
6472	1							
6476	1				1			
6505								

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6501								
6503						1		
6485						1		
6440						2		
6541								
6431			1			1		
6560								
6538	1							
6564						4		
6549								
6540						1		
6555	3					1		
6563	1					2		
6543						2		
6558						3		
6630	1							
6561								
6556	2		2					
6554	2		1					
6553	1							
6548	1							
6546	2			1		1		
6436						1		
6455	1							
6447								
6430	1							
6423								
6420	4				1			
6442						2		
6449						2		
6457	1					1		
6427	1			1				
6499						1		
6492	1					1		
6435								
6454	1		1			2		
6494								
6495				1		1		
6496						1		
6497								
6491								
6493								
6514								
6510	1					2		
6511						1		
6513						3		
6515	2					1		
6517	1							
6516						1		
6521						2		
6520	3							
6522								
6523	2					1		
6524								
6525	1					1		
6526						1		
6527								
6528	2							
6529	2					1		
6519						2		
6530						1		
6532	1							
6533								
6531	2					2		
6534						1		

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6535	1							
6536						2		
6537	5					1		
6539						1		
6542								
6544	1							
6545								
6547						1		
6551						1		
6557								
6559	3					1		
6562						1		
6565	1					1		
6421								
6498	7				8			
6512	2					4		
6414	5					3		
6415								
6422						3		
7013						1		
7001								
7003						3		
7006						4	1	
7005						19		
6996	1					9		
7002						8		
7027						17		
7004						3		
7007						5		
6994	1					4		
7026	1					16	2	
7015	1		3			40		
7014	3					24		
6995						1		
7023						14		
6999						12		
6997			1			7		
7010						65		
7000	1		1			40		
6991						4		
7031	1					98		
7020								
7019						3		
7018						3		
7008	2					29		
7021						3		
7024						2		
7025					1	3		
7009						12		
7017						5		
7012						15		
7016						3		
6990						2		
7037								
7030	1		1			160		
6987	2					89		
6988	1		2			61		
7029	1					69		
7028	1					47		
6968	1					82		
7032	1					49		
6989								
6986						7		
6977	1					19		
6984	3					33		

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6972						18		
6993						5		
6976						5		
6981						14		
6982	1					6		
6983						3		
6998						8		
6980						4		
6985	1					1		
6978						2		
6979						3		
6973						1		
6992								
6910	3					76		
6896						4		
6888			2			5		
6894	2					2		
6877	6					14		
6885						4		
6886						7		
6887								
6883	1					2		
6890	4					2		
6893	1					2		
6895						3		
6898	1					6		
6874						16		
6880						13		
6903	2					12		
6884						2		
6879	1					13		
6897	2			1	1	12	1	
6899						37		
6881	3					3		
6876						3		
6919						37		
6922	1		1			4		
6923						2		
6930a						2		
6930b						5		
6951						1		
6952	2							
6964								
6955						1		
6956						1		
6954						4		
6960						1		
6957	3					4		
6965						1		
6959						3		
6958						1		
6925								
6927						4		
6931								
6928						2		
6929			1			14		
6924						11		
6938	1					1		
6941						2		
6948								
6939						1		
6953						1		
6940								
6950	3					2		
6935	2					5		

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6944						2		
6933						3		
6943								
6942	1					1		
6834						4		
6858								
6851	2					4		
6850								
6846	1					14		
6860						3		
6848						6		
6857						5		
6849						3		
6835	6		1			19		
6847			1			10		
6837						5		
6843	1					18		
6836						4		
7038	1					1		
6831								
6852								
6841						11		
6833	1					6		
6840						14		
6904						3		
6832	3					13		
6845						8		
6892	4					9		
6909						4		
6882						20		
6902						8		
6901						8		
6900						10		
6875						1		
6905						1		
6889						8		
6861	1					8		
6871						7		
6863	1		1			3		
6866	1					6		
6867	2					7		
6862						2		
6869						4		
6891	2					23		
6870						8		
6854	4					6		
6872	1					12		
6864	2					2		
6859	1					6		
6865						9		
6868	1					9		
6856	1				1	5		
6908	1					3		
6873	3					3		
6911	5					14		
6915						1		
6917						1		
6907						1		
6920						7		
6916	1					4		
6914						4		
6912	3		1			9		
6913	1				1	5		
6918						1		
6906								

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6921						3		
6838						13		
6853	2					6		
6961						9		
6769						5		
6796						5		
6681					1	3		
6685						2		
6803						2		
6695						5		
6664						1		
6812						3		
6785						3		
6669						1		
6701						2		
6658						2		
6679						8		
6687						5		
6764						11		
6779	1					6		
6768						6		
6734						3		
6736								
6773						9		
6792						2		
6765						4		
6740						3		
6672						6		
6808	1					6		
6744								
6707						3		
6675	2					3		
6704						4		
6795	1					3		
6800								
6794								
6660						2		
6787						5		
6804						2		
6700						3		
6788						2		
6694						1		
6807						4		
6677						1		
6757								
6789						1		
6801								
6814								
6810								
6842	1					1		
6845						6		
6947	6							
6797	1					1		
6878						1		
6552						2		
6811								
6776						1		
6443						2		
6802						1		
6791						1		1
6799						2		
6818						1		
6778						1		
6745								
6824								

PROV	V144	V145	V146	V147	V148	V149	V150	V151
6439						1		
6817								1
6826								
6550						2		
6786						2		2
6813								1
6805	1							
6775								
6445								1
6798								2
6448								1
6844			1			1		
6828						1		
6752						5		
6820	3					1		2
6771						3		1
6829								
6790						1		8
6793	1					2		2
6816						1		2
6822						15		2
6823						3		
6755						9		1
6747						3		11
6821								
6819						1		1
6969	1					26		
6974	1					11		
6975						15		
6970						2		
6967						11		
6966			1			21		3
6971								
6418						11		
6417						8		
6416						5		
6413						1		
6411						5		
6419						3		
6424						4		
6426						1		
6428						4		
6402								
6403								
6404						1		
6405								
6410								
6401						1		
6407						1		

Table C.7 - El Mogote Ceramics by Gray Vessel Form (Part 1)

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6746	8	1	1											
6738	4									2				
6729	2	1												
6751	3												1	
6749		1												
6728	2	1								1				
6750	3			1										
6742	2				1								1	
6758	2		1											
6735	4													

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6754	1	1												
6753	2													
6712	3				2					2				
6713														
6739		1			2		2						1	
6721	1						1			1				
6724	2													
6699	5									1				
6719	1													
6698	2				2									
6659	1													
6815	5												1	
6782														
6774													1	
6763														
6783	2													
6767	1													
6780	3													
6777														
6766	1													
6770	1				1									
6761	8				1									
6762														
6772	3				1	1								
6781	3	1			1									
6697	2													
6702	2		1											
6706	1				1									
6710					1						1			
6690	2													
6693	2													
6716														
6691														
6692														
6711	2													
6708														
6714														
6715														
6705														
6703	1													
6759														
6717													1	
6718														
6748														
6737	2				2						1			
6733	1													
6756														
6727														
6741														
6760					1									
6731					1									
6732														
6730										1				
6808														
6784	1													
6682														
6623														
6628														
6596														
6608														
6625														
6609														
6643														
6676	2													
6622	3				4									

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6597														
6684	1													
6574		1												
6633	1													
6634	1													
6593														
6632														
6598		1												
6647														
6673														
6663	1													
6674														
6646														
6661												1		
6629														
6618					1									
6638														
6665					1									
6648														
6621														
6604	1													
6603	2													
6606														
6680	1													
6678													1	
6670	1									1		1		
6649		1												
6653													1	
6627	2													
6642	1													
6655	3													
6667														
6612	2												1	
6617														
6626														
6605	1													
6637	1												2	
6602														
6594	3													
6668														
6671	1			1										
6651														
6644				1										
6615	2									1				
6583	2				1									
6584	1				2									
6585	1													
6582	1													
6580														
6581	1													
6587	2				2									
6590		1												
6586														
6591													1	
6572	3												1	1
6568	1										1			
6599													1	
6566	2													
6654														
6695													1	
6600										1				
6619	2													
6577			1										1	
6611	1													
6567														

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6570													1	
6569														
6578													1	
6616	3													
6575														
6588	1				1									
6592											1			
6579	1													
6571														
6635	3				2									
6624														
6652	1									1				
6662	1				3									
6645	1													
6656	2													
6573	1												1	
6639														
6666													1	
6640	1													
6641	1													
6650	1													
6601														
6589	2									1				
6610														
6613	1													
6614													1	
6607	2													
6726	1				1					1				
6720	3										1			
6725														
6709														
6723	1												1	
6576	2									1				
6429	1												1	
6444	1													
6438														
6473	1													
6722	1													
6504	1													
6437														
6469														
6458	1													
6425														
6434														
6462	2													1
6460														
6452	1													
6464					2					1			1	
6468														
6465	1		1											
6509	3									1				
6508											1			
6500														
6453	1													
6486														
6481	1									1				
6507														
6484		1												
6482														
6463	5	1								1				
6506	1													
6475	3													
6432														
6470	1													
6450														

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6446														
6478				1										
6477														
6487														
6490					1									
6479					1									
6502	2													
6441														
6471														
6657					2					1				
6459													1	
6433					1									
6466														
6489	1													
6461	2													
6480	1				1									
6472														
6476														
6505	1													
6501	1													
6503														
6485					1									
6440	2													
6541					1									
6431														
6560														
6538													1	
6564										1				
6549	1													
6540	1													
6555	1	1			1				1					
6563	1													
6543									1					
6558	2												1	
6630	1													
6561														
6556					1					1		1		
6554					1									
6553														
6548	1													
6546														
6436	1													
6455	1													
6447														
6430														
6423	2													
6420														
6442	2													
6449														
6457	1									1				
6427	1				1									
6499														
6492	1									1				
6435	1													
6454	1													
6494	1									1				
6495					1									
6496	1													
6497														
6491														
6493					1									
6514	2													
6510	2													
6511	1	1												
6513	1													

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6515	1													
6517														
6516														
6521	2									1				
6520	4													
6522	2	1												
6523	1													
6524	2													
6525														
6526										2				
6527	2													
6528														
6529														
6519					1									
6530										1				
6532														
6533	2													
6531														
6534														
6535	1													
6536														
6537	2													
6539					1					1				
6542	2													
6544														
6545	1					1								
6547														
6551	1													
6557										1				
6559										1				
6562														
6565	1													
6421	1													
6498					1									
6512	3													
6414	3				1									
6415					1						1	1		
6422	1													
7013					1									
7001														
7003	6													
7006	5													
7005	9	1								2		1		
6996	1	2			1					2				
7002	5				1									
7027	11	1												
7004	10	1			2								1	
7007	8				1									
6994	4	1								1				
7026	12	1		1										
7015	29	1		4	10					3				
7014	14	2		1	2						2			
6995	2													
7023	4													
6999	8				1									
6997	5				1									
7010	20			1	6									
7000	15				6					3			1	
6991	2				1					1				
7031	53	1	1	2	4	1				5		1		
7020	1													
7019	1													
7018	1													
7008	22			1	1					1				
7021	7				1									

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
7024	5												1	
7025	3													
7009	7									1				
7017	6				1									
7012	5													
7016														
6990											1			
7037														
7030	69	1		9	15				2	3				
6987	35	1			7					3				
6988	25	4		1	7					3				
7029	13				2					2		1		
7028	23	1			8								1	1
6968	44	4		3	9					2				
7032	18			3						1				
6989	2													
6986	3				1					2				
6977	24	1			2								2	
6984	25			1	3							1	1	
6972	23				8					3				
6993	4												1	
6976	4													
6981	9	1												
6982	8				3								1	
6983	6										3			
6998	4				1									
6980	5									1				
6985	7	1			1				1					
6978	5													
6979	2												1	
6973	2													
6992	1												1	
6910	48				12	1				2		1	3	
6896	2				1									
6888	1				2									
6894	2				1									
6877	10	1			1					1			1	
6885	6				3									
6886	1				4									
6887	1													
6883	7									1				
6890	3			1	2				1					
6893	2										1			
6895	1				1									
6898	7	1								1				
6874	8													
6880	6				2					2				
6903	10				2					1		1		
6884	2				1								1	
6879	6	1			5					4				
6897	17	1			5					4			2	
6899	9	4			4					2			1	
6881	4	1				1								
6876	2	1												
6919	33			2	7	2				6				1
6922	7				3				1	1			1	
6923	11	1			2									
6930a	8				1									
6930b														
6951	3				1					2				
6952														
6964					1									
6955	3				1									
6956					1									
6954	3		1								1			

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6960	1				1						1			
6957	4				1	1								
6965	2													
6959	3			1						1				
6958	2									1				
6925	1													
6927														
6931	1													
6928	5				3									
6929	31	2	1	1	4	1				6	1	2	2	1
6924	14	3	1		6	1			1	3			3	
6938	1									1				
6941	6				1									
6948	1		1											
6939	1												1	
6953	3	1								1				
6940	2													
6950	3			1	1	2								
6935	4				1									
6944	1													
6933		1												
6943	5				1									
6942	1													
6834	5	2			1								1	
6858	1													
6851	6				1									
6850	3				1									
6846	12	1			6					1				
6860	3													
6848	3													
6857	7	1								1				
6849	4	2			3	2								
6835	28	6			4	2				3				
6847	5	3			2					2		1		
6837	6	3			1					1		1		
6843	29				7					2	1			
6836	5	1			1									
7038	1	1										1		
6831	1	1												
6852	1													
6841	1	2			1	1							3	
6833	8	2												
6840	12	1			6	2								
6904	4				1					1				
6832	15	5			4	3				3				
6845	2				2									
6892	19			1	4	1				4				
6909	1				1	1								
6882	12				2					1				
6902	5													
6901	10	1	1		1					1			1	
6900	5				1									
6875	4				2									
6905	3												1	
6889	5				1									
6861	1													
6871	1									1				
6863	2				2									
6866	2				1									
6867	4													
6862														
6869	4				2								1	
6891	15				2	2				3			1	
6870	12												1	
6854	8									1	1			

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6872	10	1			4					1				
6864	4													
6859	7													
6865	11					1								
6868	17	2	2		2	1			1	1			1	
6856	8		1	1	2					1		2		
6908	9													
6873	12				1					1				
6911	16									1	1		1	
6915	2		1			1								
6917	2				1								1	
6907	1													
6920	2	1			1									
6916	1													
6914	7	1								2				
6912	16				5					1	1			
6913	6	4			1					2				
6918	3									1				
6906	2				1									
6921	2									1				
6838	6	5			1	1				1				
6853	4					1				1				
6961	4	1								1			1	
6769	4			1	1	1								
6796	2	2	1											
6681	3													
6685	1									1				
6803	1				1									
6695	4				1									
6664	1				2									
6812	7									1				
6785	4													
6669	2				1									
6701	10													
6658	1													
6679	5									1				
6687	5													
6764	7	2			3	1								
6779	9													
6768	6	1			1									
6734	1													
6736	4	1												
6773	4				1									
6792	1													
6765	8	1									1			
6740	2				1									
6672	3													
6808					1					1				
6744	4					2				1				
6707	6													
6675	1	1												
6704			1											
6795	1												2	
6800	1													
6794														
6660														
6787	2	1			1					1				
6804													1	
6700	4					1								
6788	1				1									
6694	1	1								1				
6807											1			
6677														
6757														
6789	1													

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6801	1				1									
6814											1			
6810												1		
6842	11			2	2	1								
6845	7	3			1							1		
6947	3													
6797														
6878	1				1									
6552														
6811														
6776		1												
6443														
6802										1				
6791	2	1												
6799					1							1		
6818	2	1												
6778										1				
6745	2				1									
6824														
6439														
6817														
6826	2													
6550	1									1				
6786	1	3				1								
6813	2	1				1								
6805	2													
6775	1													
6445		1												
6798		2												
6448		1			1					1				
6844														
6828														
6752	1				1									
6820	3	2												
6771	1	1				1								
6829		1								1				
6790		7		1		1				1				
6793	1	2												
6816	2	2								1				
6822	4	2												
6823	4									1				
6755	2	1				2				1				
6747	1	11			1					1				
6821	1													
6819	2													
6969	84	4			15	3				8			3	
6974	28	3			1					5		1	2	
6975	24	1			4					3			1	
6970	3													
6967	8				1	1				1		1	1	
6966	38	13	2		2	5			1	6				
6971	1	2												
6418	28	2				1				3				
6417	13													
6416	12	3												
6413	9	1												
6411	6													
6419	15													
6424	5	2												
6426	4	1				1								
6428	3									1				
6402	5													
6403	1												1	
6404														
6405	4	1												

PROV	V155	V156	V157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
6410	3													
6401	1				1					1		1		
6407	1													

Table C.8 - El Mogote Ceramics by Gray Vessel Form (Part 2)

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6746														3
6738														4
6729														2
6751														1
6749														
6728														
6750														
6742									1					
6758														
6735														
6754														1
6753														
6712														4
6713														
6739														1
6721														
6724														1
6699														1
6719														
6698														
6659							1							
6815														3
6782														
6774														1
6763														
6783														
6767														
6780														
6777														
6766														
6770														
6761														2
6762														1
6772		1												3
6781														
6697														
6702									1					
6706														
6710														
6690														
6693														1
6716														1
6691									1					
6692														1
6711														
6708														
6714														
6715														1
6705														
6703														
6759														
6717														
6718														
6748														
6737														
6733														2

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6756														1
6727														1
6741														
6760														1
6731														
6732														
6730														
6808														
6784														
6682														
6623														
6628														
6596														
6608														
6625														1
6609	1													
6643														1
6676														1
6622														
6597														
6684														
6574														1
6633														
6634														
6593													1	
6632														1
6598													1	
6647												1		
6673														1
6663														
6674														
6646														
6661														1
6629														
6618														
6638														
6665														
6648														
6621														
6604														
6603														
6606														
6680													1	3
6678														
6670														
6649														
6653														
6627														
6642														
6655														
6667														
6612														
6617										1	1			
6626														
6605														
6637														
6602														
6594														1
6668														1
6671														
6651														
6644														2
6615														
6583													1	
6584														

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6585														
6582														1
6580														
6581														1
6587														
6590														1
6586														
6591														
6572														
6568														
6599														
6566														
6654														
6695														
6600														1
6619														
6577														
6611														
6567														
6570														
6569														
6578														
6616														2
6575														
6588														
6592														
6579														
6571									1					
6635														2
6624														1
6652														1
6662														
6645														
6656														
6573														
6639														
6666														
6640														4
6641														
6650														
6601														
6589														
6610														
6613														
6614														1
6607													1	
6726														3
6720														
6725														
6709														3
6723											1			
6576	1													1
6429														
6444														
6438														
6473														
6722														
6504														1
6437														
6469														
6458														
6425														
6434														
6462														
6460														1

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6452														
6464														
6468														
6465														
6509														2
6508														
6500														
6453														1
6486														
6481														
6507														
6484														
6482														
6463														2
6506														
6475														1
6432														
6470														
6450														
6446														
6478														
6477														
6487														1
6490														
6479														
6502														
6441														
6471														
6657														1
6459														
6433														
6466														
6489														
6461														
6480														
6472														
6476														
6505														
6501														
6503														
6485														
6440														1
6541														
6431													1	
6560														
6538														1
6564														
6549														
6540														
6555														
6563														1
6543														
6558														
6630														
6561														
6556					1									
6554														
6553														
6548														2
6546														1
6436														
6455														
6447									1					1
6430														1
6423														

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6420														
6442														
6449														
6457														
6427														
6499														
6492														2
6435														
6454														1
6494														
6495														
6496														
6497														
6491														
6493														
6514									1					
6510														
6511														
6513														
6515														
6517														
6516								1						2
6521														
6520														
6522													1	1
6523														
6524													1	
6525														1
6526														
6527														
6528														
6529														1
6519														
6530														1
6532														1
6533														
6531														
6534														
6535														1
6536														
6537														
6539														
6542														
6544														1
6545														
6547														
6551														1
6557														
6559														
6562														
6565														2
6421														
6498														1
6512														1
6414									1					
6415									1					
6422														
7013														
7001														
7003														3
7006														2
7005						3			1					5
6996	1													1
7002														
7027														3

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
7004														2
7007														2
6994														7
7026														7
7015											1			17
7014														5
6995														
7023												1		4
6999									1					4
6997														1
7010									2					19
7000														8
6991														1
7031											1			18
7020														
7019														1
7018														
7008		1												7
7021													1	2
7024											1			
7025														1
7009														2
7017														2
7012									1					3
7016														
6990									1					
7037											1			
7030									2					53
6987													1	30
6988														17
7029												1		12
7028									1					14
6968									5					24
7032														8
6989														
6986														1
6977		2							3					11
6984														7
6972													1	13
6993														3
6976													1	4
6981														2
6982														4
6983														4
6998														1
6980														2
6985														1
6978														5
6979									1					
6973														2
6992														
6910							2					2	1	14
6896														1
6888														2
6894														1
6877									2					4
6885														3
6886														1
6887														
6883														3
6890														3
6893														1
6895														1
6898														2
6874														7

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6880														2
6903									1					10
6884														1
6879														12
6897		2							1					8
6899														8
6881													1	3
6876														3
6919		2												18
6922									2				1	6
6923		2												8
6930a														2
6930b														1
6951														5
6952														
6964														
6955														2
6956														1
6954													1	6
6960														1
6957														1
6965														
6959														1
6958														2
6925													1	1
6927														
6931														
6928														4
6929		2												7
6924														9
6938													1	
6941														1
6948														1
6939														2
6953														
6940														3
6950														
6935														4
6944														
6933														
6943														
6942														
6834														2
6858														
6851														
6850														
6846									2					1
6860														1
6848														3
6857														3
6849														1
6835														15
6847														7
6837													1	4
6843													1	9
6836														1
7038														1
6831														
6852														
6841														3
6833														2
6840														5
6904		3												1
6832														7
6845														5

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6892									1				1	12
6909														1
6882														6
6902														6
6901									1					2
6900														2
6875														1
6905														3
6889														4
6861														1
6871														2
6863														
6866														
6867											2			2
6862														
6869														5
6891														6
6870									1					6
6854														6
6872														8
6864										1				
6859														2
6865														2
6868														5
6856														3
6908														2
6873														4
6911		1												8
6915														2
6917														
6907														
6920														4
6916		1												6
6914														6
6912													3	4
6913														3
6918														1
6906														1
6921														
6838														4
6853														1
6961														3
6769														1
6796														1
6681														2
6685														
6803														
6695														
6664														1
6812														4
6785		1												1
6669														
6701														3
6658														
6679														3
6687													1	1
6764														3
6779														3
6768														3
6734														
6736														3
6773														2
6792														
6765														1
6740														3

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6672														1
6808														4
6744														4
6707														2
6675														1
6704														1
6795														1
6800														
6794														
6660														
6787		1												
6804														
6700														1
6788														
6694														1
6807														
6677														1
6757														
6789														
6801														1
6814														
6810														
6842														8
6845						1								3
6947														3
6797														1
6878														1
6552														
6811														
6776														
6443														
6802														
6791														
6799														1
6818														1
6778														
6745														
6824														1
6439														
6817														1
6826														
6550														
6786														
6813														
6805											1			
6775		1												1
6445														
6798														
6448														
6844														2
6828														
6752														1
6820														3
6771														
6829														1
6790														2
6793														
6816														
6822											16			5
6823											4			5
6755											4			1
6747														2
6821			1								1			1
6819											1			3
6969		3							1				23	25

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
6974							1		1				2	12
6975													5	8
6970														
6967														5
6966		1	2										2	6
6971														
6418														4
6417														2
6416														6
6413													1	1
6411													2	1
6419													2	5
6424														
6426														1
6428													2	2
6402														
6403														
6404														
6405														
6410														
6401														
6407														

Table C.9 - El Mogote Ceramics by Gray Vessel Form (Part 3)

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6746	1			1										
6738				4			1							
6729				4										
6751				4	1									1
6749	1			2										
6728														
6750				1										
6742				6										
6758				2										
6735														
6754				1										
6753														
6712				1						1				
6713				1										
6739				4										
6721				1										
6724				1										
6699				4										
6719	1													
6698				2										
6659				5										
6815				2										
6782														
6774				2										
6763														
6783														
6767				1										
6780														
6777														
6766														
6770											1			
6761				1							1			
6762				1										
6772				1										
6781											1			
6697														
6702														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6706	1										1			
6710														
6690														
6693														
6716														
6691														
6692														
6711														
6708														
6714														
6715														
6705														
6703														
6759				1										
6717														
6718														
6748														
6737														
6733				1										
6756							1							
6727					2									
6741														
6760				1							1			
6731				1										
6732				1										
6730														
6808				1										
6784	1													
6682														
6623														
6628														
6596														
6608														
6625														
6609														
6643				1										
6676														
6622				2										
6597				1										
6684														
6574														
6633														
6634														
6593														
6632	1													
6598					1									1
6647				1										
6673			1											
6663														
6674						1								
6646														
6661														
6629														
6618														
6638				1										
6665														
6648														
6621														
6604														
6603														
6606														
6680														
6678														
6670														
6649						1								

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6653							1							
6627														
6642														
6655														
6667														
6612														
6617														
6626														
6605														
6637														
6602														
6594														
6668				1										
6671														
6651														
6644														
6615														
6583														
6584														
6585														
6582				1										
6580														
6581														
6587														
6590														
6586				1										
6591														
6572														
6568														
6599														
6566				1										
6654														
6695														
6600				1										
6619				1										
6577					1									
6611														
6567														
6570														
6569														
6578														
6616														
6575														
6588														
6592														
6579														
6571														
6635				1										
6624														
6652				1										
6662														
6645														
6656				1										
6573														
6639														
6666														
6640				1										
6641														
6650														
6601				1										
6589														
6610														
6613				1										
6614														
6607														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6726														
6720														
6725														
6709														
6723				1										
6576														
6429				1										
6444														
6438							1							
6473														
6722														
6504														
6437														
6469														
6458														
6425							1							
6434														
6462				1										
6460														
6452														
6464														
6468														
6465														
6509						1								
6508			2											
6500														
6453				1										
6486	1													
6481														
6507							1							
6484														
6482														
6463				2										
6506				1										
6475				1										
6432														
6470														
6450														
6446														
6478														1
6477														
6487														
6490														
6479														
6502														
6441				1										
6471							1							
6657														
6459				2										
6433														
6466				1										
6489														
6461														
6480														
6472														
6476														
6505														
6501														
6503														
6485														
6440														
6541														
6431														
6560														
6538														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6564														
6549														
6540				1										
6555														
6563														
6543				1										
6558														
6630														
6561														
6556														
6554							1							
6553				1										
6548														
6546														
6436														
6455	1													
6447				1										
6430														
6423														
6420				1										
6442														
6449			1											1
6457														
6427				1										
6499						1								
6492				1										
6435														
6454														
6494														
6495														
6496														
6497														
6491														
6493														
6514														
6510														
6511														
6513														
6515				1										
6517				1										
6516														
6521														
6520														
6522				2										
6523														
6524				1										
6525	1													
6526														
6527														
6528														
6529						1								
6519														
6530														
6532							1							
6533				1										
6531				1										
6534														
6535				1										
6536														
6537				3										
6539														
6542														
6544														
6545														
6547														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6551														
6557														
6559														
6562				2										
6565														
6421					1	1							1	
6498				1										
6512							1							
6414				2										
6415						1								
6422														
7013														
7001														
7003		1		2	1		1							
7006					1									
7005	3	1					1			2				
6996				3						3				
7002														
7027				2						2				
7004														
7007														
6994														
7026				3										
7015				2			2							
7014					1					3				
6995														
7023				1										
6999				2	1		2							
6997														
7010				3			2			3				
7000				1			2							
6991					1									
7031				2	2					4				
7020					1									
7019														
7018				1										
7008				2										
7021				3			1							
7024				1										
7025				1										
7009														
7017														
7012				1										
7016						1								
6990														
7037														
7030				1	4		2			2				1
6987	1				1									
6988	1				1		1							
7029														
7028	1			1			1			1				
6968				1			2			1				
7032						1				2				
6989														
6986														
6977														
6984	1			1	2					1				1
6972				2	1									
6993							1							
6976	1			1										
6981							1							
6982														
6983														
6998				1			3							
6980														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6985														
6978	1						1							
6979														
6973														
6992														
6910				6	4		1						1	2
6896						1								
6888														
6894														
6877				3						1				
6885														
6886														
6887														
6883														
6890														
6893	1													
6895							1							
6898														
6874														
6880														
6903	1			1						1				
6884														
6879	3					2	5							
6897			2	1										
6899	1			1										
6881				4										
6876				1		1								
6919	2						1							
6922					1		1							
6923				2										
6930a														
6930b				1										
6951					2		2							1
6952				1										
6964														
6955														
6956														
6954							1							
6960				1										
6957				5			1							
6965														
6959														
6958														
6925			1							1				
6927														
6931				2										
6928														
6929	3			10	1									
6924	2			5	1								1	
6938														
6941														
6948														
6939														
6953														
6940				1										
6950														
6935						1								
6944														
6933														
6943														
6942														
6834				2	1									
6858				1										
6851					1									
6850														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6846				2										
6860														
6848														
6857				1			1							
6849														
6835	1			5										
6847														
6837				5										
6843				6										
6836				1										
7038	1			1										
6831														
6852														
6841				1										
6833				1										
6840				1	3									
6904														
6832				8										
6845			1	3										1
6892				2	1					1				
6909				1										
6882				2										
6902				2										
6901				1						1				
6900					1									
6875														
6905				5						1				
6889				2										
6861														
6871														
6863														
6866				1										
6867				1										
6862														
6869				1										
6891				2										
6870				3										
6854				1										
6872	1			1										
6864														
6859				1										
6865					1									
6868					1									
6856				1										
6908				4										
6873														
6911							1							
6915														
6917														
6907														
6920				3	1								1	
6916				2										
6914				2	2									
6912														
6913							1							
6918														
6906				1										
6921														
6838				6										
6853														
6961														
6769														
6796														
6681														
6685														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6803														
6695														
6664				1		1								
6812						1								
6785							1							
6669														
6701				1	1									
6658														
6679														
6687				1										
6764				1										
6779	1			1										
6768				1										
6734				2										
6736														
6773				1										
6792														
6765														
6740														
6672														
6808				1										
6744				4										
6707														
6675														
6704														
6795														
6800														
6794				1										
6660														
6787														
6804														
6700					1									1
6788														
6694				1										
6807														
6677														
6757														
6789														
6801				1										
6814														
6810														
6842				2	1									
6845				4										
6947	1													
6797														
6878														
6552														
6811														
6776														
6443				2										
6802														
6791				1										
6799										1				
6818														
6778														
6745														
6824														
6439														
6817														
6826														
6550														
6786														
6813				1										
6805					1									
6775														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V192	V193	V200	V201	V202
6445														
6798														
6448				1										
6844														
6828														
6752				1										
6820							1							
6771														
6829														
6790				1			1							
6793				1										
6816														
6822				1										
6823														
6755														
6747										1				
6821														
6819					1									
6969	7			24	7									
6974				4	6		2							1
6975	1		1	2										
6970														
6967				3	1									
6966				11	11									7
6971														
6418				11										
6417				3										
6416				6	1									
6413				3										
6411				1	1									
6419				1	1									
6424				6										
6426														
6428				1										
6402				1										
6403				2										
6404														
6405				1										
6410														
6401				2										
6407					1									

Table C.10 - El Mogote Ceramics by Gray Vessel Form (Part 4)

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6746													
6738													
6729													
6751													
6749													
6728													
6750													
6742													
6758													
6735													
6754													
6753													
6712													
6713													
6739													
6721													
6724													
6699													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6719													
6698													
6659													
6815													
6782													
6774													
6763													
6783													
6767													
6780													
6777													
6766													
6770													
6761													
6762													
6772													
6781													
6697													
6702													
6706								2					
6710													
6690													
6693													
6716													
6691													
6692													
6711													
6708													
6714													
6715													
6705													
6703													
6759													
6717													
6718													
6748													
6737													
6733													
6756													
6727													
6741													
6760													
6731													
6732													
6730													
6808													
6784													
6682													
6623													
6628													
6596													
6608													
6625													
6609													
6643													
6676													
6622													
6597													
6684													
6574													
6633													
6634													
6593													
6632													
6598													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6647													
6673													
6663													
6674													
6646													
6661													
6629													
6618													
6638													
6665													
6648													
6621													
6604													
6603													
6606													
6680													
6678													
6670									1				
6649													
6653													
6627													
6642													
6655													
6667													
6612													
6617													
6626													
6605													
6637													
6602													
6594													
6668													
6671													
6651													
6644													
6615													
6583													
6584													
6585													
6582													
6580													
6581													
6587													
6590													
6586													
6591													
6572													
6568													
6599													
6566													
6654													
6695													
6600													
6619													
6577						1							
6611													
6567													
6570													
6569													
6578													
6616													
6575													
6588													
6592													
6579													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6571													
6635													
6624													
6652													
6652													
6662													
6645													
6656													
6573													
6639													
6666													
6640													
6641													
6650													
6601													
6589													
6610													
6613													
6614													
6607													
6726													
6720													
6725													
6709													
6723													
6576													
6429													
6444													
6438													
6473													
6722													
6504													
6437													
6469													
6458													
6425													
6434													
6462													
6460													
6452													
6464													
6468													
6465													
6509													
6508		2											
6500													
6453													
6486													
6481													
6507													
6484													
6482													
6463													
6506													
6475													
6432													
6470													
6450													
6446													
6478													
6477													
6487													
6490													
6479													
6502													
6441													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6471													
6657													
6459													
6433													
6466													
6489													
6461													
6480													
6472													
6476													
6505													
6501													
6503													
6485													
6440													
6541													
6431													
6560													
6538													
6564													
6549													
6540													
6555													
6563													
6543													
6558													
6630													
6561													
6556													
6554													
6553													
6548													
6546													
6436													
6455													
6447													
6430													
6423													
6420													
6442													
6449													
6457													
6427													
6499													
6492													
6435													
6454													
6494													
6495													
6496													
6497													
6491													
6493													
6514													
6510													
6511													
6513													
6515													
6517													
6516													
6521													
6520													
6522													
6523													
6524													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6525													
6526													
6527													
6528													
6528													
6529													
6519													
6530													
6532													
6533													
6531													
6534													
6535													
6536													
6537													
6539													
6542													
6544													
6545													
6547													
6551													
6557													
6559													
6562													
6565													
6421													
6498													
6512									1				
6414													
6415													
6422													
7013													
7001													
7003	1			1					1				
7006			1										
7005				1									
6996						1							
7002													
7027		2											
7004													
7007													
6994													
7026													
7015													
7014	1												
6995													
7023			1										
6999								1					
6997													
7010													
7000													
6991								1					
7031								1					1
7020								1					
7019													
7018													
7008													
7021									1				
7024													
7025													
7009													
7017													
7012													
7016													
6990													
7037													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
7030				1									2
6987									1				
6988				1									
7029									1				
7028													
6968													
7032													
6989													
6986													
6977													
6984			1										
6972				1									
6993													
6976													
6981													
6982													
6983													
6998									2				
6980													
6985													
6978													
6979													
6973													
6992													
6910								2	1				1
6896													
6888													
6894													
6877													
6885													
6886													
6887													
6883													
6890													
6893													
6895									1				
6898													
6874													
6880													
6903													
6884													
6879													
6897								2					
6899													
6881													
6876													
6919									1				
6922								1	1				
6923													
6930a													
6930b													
6951			1										
6952													
6964													
6955													
6956													
6954									1				
6960													
6957													
6965													
6959													
6958													
6925													
6927													
6931													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6928													
6929									1				
6924													
6938													
6941													
6948													
6939													
6953													
6940													
6950													
6935													
6944													
6933													
6943													
6942													
6834			1										
6858													
6851			1										
6850													
6846													
6860													
6848													
6857													
6849													
6835													
6847													
6837													
6843													
6836													
7038													
6831													
6852													
6841													
6833													
6840	1		1					1					
6904													
6832													
6845													
6892			1										
6909													
6882													
6902													
6901													
6900			1										
6875													
6905													
6889													
6861													
6871													
6863													
6866													
6867													
6862													
6869													
6891													
6870													
6854													
6872													
6864													
6859													
6865	1												
6868			1										
6856													
6908													
6873													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6911													
6915													
6917													
6907													
6920													
6916													
6914	1		1										
6912													
6913													
6918													
6906													
6921													
6838													
6853													
6961													
6769													
6796													
6681													
6685													
6803													
6695													
6664													
6812													
6785													
6669													
6701		1											
6658													
6679													
6687													
6764													
6779													
6768													
6734													
6736													
6773													
6792													
6765													
6740													
6672													
6808													
6744													
6707													
6675													
6704													
6795													
6800													
6794													
6660													
6787													
6804													
6700													
6788													
6694													
6807													
6677													
6757													
6789													
6801													
6814													
6810													
6842			1										
6845													
6947													
6797													
6878													

PROV	V203	V204	V205	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
6552													
6811													
6776													
6443													
6802													
6791													
6799													
6818						1							
6778													
6745													
6824													
6439													
6817													
6826													
6550													
6786													
6813													
6805			1										
6775													
6445													
6798													
6448													
6844													
6828													
6752													
6820													
6771													
6829													
6790													
6793													
6816													
6822													
6823													
6755													
6747													
6821													
6819	1												
6969		2	1			1		3					
6974		1	1					3					
6975													
6970													
6967								1					
6966			3					1					
6971													
6418													
6417													
6416			1										
6413													
6411								1					
6419								1					
6424													
6426													
6428													
6402													
6403													
6404													
6405													
6410													
6401													
6407		1											

Table C.11 - El Mogote Ceramics by Gray Bowl Rim Form (Part 1)

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6746	1	1	2	1		1	1								1
6738			1	1			1		1						
6729				1	1										
6751				1	2										
6749															
6728				1											
6750				2											
6742				1			1								
6758					2										
6735		1	1				1		1						
6754					1										
6753					1							1			
6712				2	1										
6713															
6739															
6721															
6724				1	1										
6699				1	1	1				1					
6719							1								
6698			2												
6659				1											
6815	1						2		1			1			
6782															
6774															
6763															
6783		1							1						
6767		1													
6780	1	1								1					
6777															
6766							1								
6770							1								
6761		1		1	1		2			2		1			
6762															
6772					1		2								
6781				1	1										
6697		1					1								
6702							1		1						
6706					1										
6710															
6690				1		1									
6693		1													
6716															
6691															
6692															
6711		1					1								
6708															
6714															
6715															
6705															
6703			1												
6759															
6717															
6718															
6748															
6737	1	1													
6733		1													
6756															
6727															
6741															
6760															
6731															
6732															

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6730															
6808															
6784			1												
6682															
6623															
6628															
6596															
6608															
6625															
6609															
6643															
6676	2														
6622					1		1		1						
6597	1														
6684					1										
6574															
6633		1													
6634	1														
6593															
6632															
6598															
6647															
6673															
6663		1													
6674															
6646															
6661															
6629															
6618															
6638															
6665															
6648															
6621															
6604								1							
6603	1	1													
6606															
6680									1						
6678															
6670															
6649															
6653															
6627	1			1											
6642							1								
6655	1	1													
6667															
6612		1							1						
6617		1													
6626															
6605					1										
6637			1												
6602															
6594		1					1					1			
6668															
6671	1														
6651															
6644															
6615	1	1													
6583		1	1												
6584	1														
6585															
6582				1											
6580															
6581		1													
6587	1	1													
6590															

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6586															
6591															
6572	2	1													
6568			1												
6599															
6566	1				1										
6654															
6695															
6600															
6619				1	1										
6577															
6611			1												
6567															
6570															
6569															
6578															
6616		1		1			1								
6575															
6588									1						
6592															
6579		1													
6571															
6635		1	1							1					
6624															
6652							1								
6662		1													
6645	1														
6656					1										
6573															
6639															
6666															
6640	1														
6641															
6650	1														
6601															
6589		2													
6610															
6613	1														
6614															
6607	1										1				
6726									1						
6720			1				1		1						
6725															
6709															
6723					1										
6576			1	1											
6429		1													
6444				1											
6438															
6473				1											
6722	1														
6504	1														
6437															
6469															
6458												1			
6425															
6434															
6462			1	1											
6460															
6452		1													
6464															
6468															
6465												1			
6509		1					1		1						
6508															

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6500															
6453							1								
6486															
6481												1			
6507															
6484															
6482															
6463	1	1	1					1	1						
6506		1													
6475		2								1					
6432															
6470		1													
6450															
6446															
6478															
6477															
6487															
6490															
6479															
6502		1							1						
6441															
6471															
6657															
6459															
6433															
6466															
6489					1										
6461	1			1											
6480												1			
6472															
6476															
6505	1														
6501		1													
6503															
6485															
6440					1					1					
6541															
6431															
6560															
6538															
6564															
6549	1														
6540		1													
6555		1													
6563										1					
6543															
6558					1		1								
6630		1													
6561															
6556															
6554															
6553															
6548							1								
6546															
6436				1											
6455												1			
6447															
6430															
6423		1							1						
6420															
6442	1	1													
6449															
6457						1									
6427									1						
6499															

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6492	1														
6435		1													
6454				1											
6494	1														
6495															
6496		1													
6497															
6491															
6493															
6514		2													
6510	2														
6511							1								
6513	1														
6515									1						
6517															
6516															
6521	1			1											
6520	2				1						1				
6522	1				1										
6523											1				
6524	1	1													
6525															
6526															
6527		1							1						
6528															
6529															
6519															
6530															
6532															
6533		1	1												
6531															
6534															
6535	1														
6536															
6537		1			1										
6539															
6542		1			1										
6544															
6545	1														
6547															
6551							1								
6557															
6559															
6562															
6565							1								
6421							1								
6498															
6512	1	2													
6414	2	1													
6415															
6422					1										
7013															
7001															
7003	2	3		1											
7006		2		1					1		1				
7005	2	2		1	1				2		1				
6996			1												
7002	1	3		1											
7027	2	5		2			2								
7004	3	3		1				1	1						
7007		3	2		2				1						
6994	1	1							1						
7026	2	7		1			1					1			
7015	1	6	3	5	2		1		9		1				
7014	4	9									1				

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6995	2														
7023	1	3													
6999	3	4						1							
6997	1	2			1				1						
7010	7	4	2	2	1				4						
7000	5	4	4						1		1				
6991					1							1			
7031	7	12	4	8	3		1	2	4	1		1			
7020		1													
7019	1														
7018												1			
7008	6	7	1	2					2						
7021	1	3							1						
7024	1	2							2						
7025	2	1													
7009	1	4							1						
7017	1	1		2					1	1					
7012	1	1	1	1					1						
7016															
6990															
7037															
7030	3	18	10	8	6	2	3	4	7		5	1			
6987	3	7	7	11				1	3						
6988	2	7	5	4	2				4						
7029		3		2					5		1				
7028	4	8	3						3						
6968	2	15	4	3	4	1			9						
7032		9	2	2					1		1				
6989									1						
6986	2	1													
6977		4	2	9	1				2		1	2			
6984	6	6	1	1	1	1			6		2				
6972	5	4	1	4	2				6						
6993	1								3						
6976	3	1													
6981	1	5		2					1						
6982	3	3							2						
6983	3	2	1	2											
6998		2		2											
6980	1								2			2			
6985	3	3		1											
6978	2	3													
6979	1		1												
6973									2						
6992									1						
6910	7	6	3	3	4	3	4		10		1				
6896		1					1								
6888	1														
6894			1		1										
6877		2		1			3		1						
6885	1	2		2	1										
6886		1													
6887							1								
6883	3	2					1		1						
6890		3													
6893				1					1						
6895		1													
6898				1	1		2		1						
6874	1	2		2			1								
6880		1	1		1				2						
6903	3	3			1				2						
6884		2													
6879	1	4		1											
6897	3	5	1	2	2		3		1						
6899	1	2	1	1			1		1						

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6881	2														
6876	1								1						
6919	5	9	3	4	2		1		4			1			
6922	1	3					2		1						
6923	2	5		1					1						
6930a	1	3	1						3						
6930b															
6951	2				1										
6952															
6964															
6955		1	1	1											
6956															
6954		2		1											
6960		1													
6957		3			1										
6965				1					1						
6959		1	1												
6958			1	1											
6925				1											
6927															
6931		1													
6928		3		1					1						
6929	4	4	5	8			2		4						
6924	6	4	1	3											
6938									1						
6941		1	3						1						
6948				1											
6939							1								
6953		2		1											
6940		1		1											
6950		1		1					1						
6935	2			2											
6944		1													
6933															
6943		2		1	1										
6942		1													
6834		1	2	1	1										
6858	1														
6851	3	2													
6850	1	2													
6846	1	6		2			2								
6860	1	1				1									
6848		1		2											
6857	4	2							1						
6849	1	1		2											
6835	9	5		7			1	1	1			1			
6847	1	1	1				2								
6837	1	2		3											
6843	9	6	1	4			1								
6836	2	2		1											
7038							1								
6831		1													
6852			1												
6841		1													
6833	6	2													
6840	2	5		1			1								
6904		3						1							
6832	3	4		3					2						
6845						1			1						
6892	6	2	3	1	1				3						
6909			1												
6882	3	3		3											
6902	2	3													
6901	2			2			2		1						
6900	2	1					1		1						

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6875		2		1											
6905		1		1					1						
6889		2	1						2						
6861		1													
6871							1								
6863		1						1							
6866			1	1											
6867		2											2		
6862															
6869		2	1			1									
6891	4	2		1			1		1						
6870	1	5		2					4						
6854	1	3													
6872	4	5													
6864		3													
6859	1	4	1	1											
6865	1	3		1				1	1						
6868	6	3					3		4						
6856	1	2		2					1						
6908	2	5													
6873	6	2							1						
6911	4	3	2	3					2						
6915		2													
6917		1		1											
6907															
6920			1	1											
6916		1													
6914	1	2		3					1						
6912	3	3	1	5				1	2						
6913	2	3				1									
6918	1	2													
6906		2													
6921		1							1						
6838	1	2		2				1							
6853	1	3													
6961				1			3								
6769	1					2			1						
6796	1	1													
6681	1			1			1								
6685		1													
6803			1												
6695	3	1													
6664		1													
6812	1	2	2		1		1								
6785	1	1		1	1										
6669	1								1						
6701		6		2											
6658				1											
6679	1		1	1											
6687	1	1	2												
6764		4	1						2						
6779	1	3		2	1		1		1						
6768	1	2	1	2											
6734		1													
6736		2		2											
6773		2		1											
6792		1													
6765	2	1	1	2					1						
6740				1											
6672			2												
6808															
6744				1			3								
6707		3		1			2								
6675		1													
6704															

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6795									1						
6800		1													
6794															
6660															
6787				1	1										
6804															
6700			1						1						
6788				1											
6694															
6807															
6677															
6757															
6789						1									
6801							1								
6814															
6810															
6842	3	5													
6845	3	3		1											
6947	2	1													
6797															
6878			1												
6552															
6811															
6776															
6443															
6802															
6791		1		1											
6799															
6818		2													
6778															
6745		1							1						
6824															
6439															
6817															
6826				1	1										
6550	1														
6786		1													
6813	2														
6805	1			1											
6775		1													
6445															
6798															
6448															
6844															
6828															
6752		1													
6820	2	1													
6771	1														
6829															
6790															
6793	1														
6816		2													
6822	1	1		1					1						
6823			1	1	1		1								
6755															
6747					1										
6821	1														
6819	1	1													
6969	20	21	2	16	2		2	2	10		1	1			1
6974	6	6	2	7	1	1			3		1				
6975	5	9		2	2		1		1			2			
6970				3											
6967	1	1	1	3					1						
6966	10	12	3	5			1		4						
6971				1											

PROV	V220	V221	V222	V223	V224	V225	V226	V227	V228	V229	V 230	V 231	V 232	V 234	V 235
6418	3	7		10			1		2						
6417	3	3		3											
6416	4	1	2	2											
6413	3			2											
6411		2		1				1							
6419	2	4	2	4										1	
6424		1					2								
6426		1		2					1						
6428				3											
6402		3	1												
6403															
6404															
6405			1												
6410				1											
6401															
6407															

Table C.12 - El Mogote Ceramics by Gray Bowl Rim Form (Part 2)

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6746															
6738															
6729															
6751															
6749															
6728			1												
6750			1												
6742															
6758					2	2									
6735															
6754															
6753					1									1	
6712					1				1						
6713															
6739															
6721			1												
6724															
6699			1		1	1									
6719					1	1									
6698															
6659															
6815					1				1						
6782															
6774															
6763															
6783															
6767															
6780															
6777															
6766															
6770															
6761															
6762															
6772					1	1									
6781			1		1						1				
6697															
6702															
6706															
6710															
6690															
6693			1												
6716															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6691															
6692															
6711															
6708															
6714															
6715															
6705															
6703															
6759															
6717															
6718															
6748															
6737															
6733															
6756															
6727															
6741															
6760															
6731															
6732															
6730															
6808															
6784															
6682															
6623															
6628															
6596															
6608															
6625															
6609															
6643															
6676															
6622															
6597															
6684					1	1									
6574															
6633															
6634															
6593															
6632															
6598															
6647															
6673															
6663															
6674															
6646															
6661															
6629															
6618															
6638															
6665															
6648															
6621															
6604															
6603															
6606															
6680															
6678															
6670			1		1								1		
6649															
6653															
6627															
6642															
6655			1												
6667															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6612															
6617															
6626															
6605															
6637															
6602															
6594					1								1		
6668															
6671															
6651															
6644															
6615															
6583															
6584															
6585				1	1			1							
6582															
6580															
6581															
6587															
6590															
6586															
6591															
6572				1	1									1	
6568															
6599															
6566															
6654															
6695															
6600															
6619															
6577															
6611															
6567															
6570															
6569															
6578															
6616															
6575															
6588															
6592															
6579															
6571															
6635															
6624															
6652															
6662															
6645															
6656				1	1										1
6573			1												
6639															
6666															
6640															
6641			1												
6650															
6601															
6589															
6610															
6613															
6614															
6607															
6726															
6720															
6725															
6709															
6723	1														

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6576															
6429															
6444															
6438															
6473															
6722															
6504															
6437															
6469															
6458															
6425															
6434															
6462															
6460															
6452															
6464															
6468															
6465															
6509															
6508															
6500															
6453															
6486															
6481															
6507															
6484															
6482															
6463															
6506															
6475															
6432															
6470															
6450															
6446															
6478															
6477															
6487															
6490															
6479															
6502															
6441															
6471															
6657															
6459															
6433															
6466															
6489															
6461															
6480															
6472															
6476															
6505															
6501															
6503															
6485															
6440															
6541															
6431															
6560															
6538															
6564															
6549															
6540															
6555				1	1					1					
6563															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6543				1	1					1					
6558															
6630															
6561															
6556															
6554															
6553															
6548															
6546															
6436															
6455															
6447															
6430															
6423															
6420															
6442															
6449															
6457															
6427															
6499															
6492															
6435															
6454															
6494															
6495															
6496															
6497															
6491															
6493															
6514															
6510															
6511															
6513															
6515															
6517															
6516															
6521															
6520															
6522					1					1					
6523															
6524															
6525															
6526															
6527															
6528															
6529															
6519															
6530															
6532															
6533															
6531															
6534															
6535															
6536															
6537															
6539															
6542															
6544															
6545															
6547															
6551															
6557															
6559															
6562															
6565															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6421															
6498															
6512															
6414															
6415															
6422															
7013															
7001															
7003															
7006					2		1			1					
7005															
6996					1					1					
7002															
7027					2					2					
7004			1												
7007					2		1			1					
6994			1												
7026					1					1					
7015			1		6	2				2			1	1	
7014															
6995															
7023															
6999															
6997															
7010					3		1			2					
7000					3		1			1					1
6991															
7031			9	1	9	1				6	1		1		
7020															
7019															
7018															
7008			3	1	1					1					
7021			2												
7024															
7025															
7009			1												
7017					1					1					
7012					2					1	1				
7016															
6990															
7037															
7030			2		14	2	1		3	7					
6987			3		7				1	4	2				
6988			1		6	1	1		1	3					
7029			1	1	3	2			1						
7028			4	1	2	1	1								
6968			6		4				1	2	1				
7032			3		4			1		1	2				
6989			1												
6986															
6977			2	1	2					2					
6984			1		3										3
6972			1		1					1					
6993															
6976															
6981															
6982															
6983					2					2					
6998															
6980					2					2					
6985															
6978															
6979															
6973					1					1					
6992															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6910			6	1	1	1									
6896															
6888															
6894					1						1				
6877			2	1	1		1								
6885															
6886															
6887															
6883					1								1		
6890															
6893															
6895															
6898			1		1						1				
6874			1	1	1				1						
6880			1												
6903				1	2	1					1				
6884															
6879					1		1								
6897					2	2									
6899			2												
6881	1		1												
6876					1		1								
6919			4		3						2		1		
6922					1	1									
6923			1	1	1			1							
6930a															
6930b															
6951															
6952															
6964															
6955															
6956															
6954															
6960															
6957					1		1								
6965															
6959			1												
6958															
6925															
6927															
6931															
6928					1								1		
6929	2		2												
6924															
6938															
6941			1												
6948															
6939															
6953															
6940															
6950															
6935															
6944															
6933															
6943			1		1								1		
6942															
6834															
6858															
6851			1												
6850															
6846			1												
6860															
6848					1						1				
6857															
6849															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6835			1												
6847															
6837															
6843			6	2	3		1						2		
6836															
7038															
6831															
6852					1						1				
6841															
6833															
6840			3		1					1					
6904															
6832			3		1					1					
6845					1				1						
6892			3												
6909															
6882			3												
6902															
6901			3												
6900															
6875				1											
6905															
6889															
6861															
6871															
6863															
6866															
6867															
6862															
6869															
6891	1		5												
6870															
6854		1	3												
6872			1												
6864			1												
6859					1					1					
6865			4		1				1						
6868			1		2					2					
6856			2												
6908			2												
6873			3												
6911			2												
6915															
6917															
6907			1												
6920															
6916															
6914															
6912			1		3					2	1				
6913															
6918															
6906															
6921					1										
6838					1				1						
6853															
6961															
6769															
6796															
6681															
6685															
6803															
6695															
6664															
6812															
6785															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6669															
6701			2												
6658					1							1			
6679			2												
6687				1	1								1		
6764					1					1					
6779					1						1				
6768					1									1	
6734															
6736															
6773			1												
6792															
6765			1		2				1					1	
6740			1												
6672			1												
6808															
6744															
6707															
6675															
6704															
6795															
6800															
6794															
6660															
6787															
6804															
6700			2		1					1					
6788															
6694			1												
6807															
6677															
6757															
6789															
6801															
6814															
6810															
6842			3												
6845															
6947															
6797															
6878					1						1				
6552															
6811															
6776															
6443															
6802															
6791															
6799															
6818															
6778															
6745															
6824															
6439															
6817															
6826															
6550															
6786															
6813															
6805															
6775															
6445															
6798															
6448															
6844															
6828															

PROV	V 236	V 237	V 238	V 239	VEC 1	VEC 2	VEC 3	VEC 4	VEC 5	VEC 7	VEC 8	VEC 9	VEC 10	VEC 12	VEC 13
6752															
6820															
6771															
6829															
6790															
6793															
6816															
6822					1	1									
6823					1						1				
6755															
6747															
6821															
6819															
6969	1		3	2	3					2					1
6974			1												
6975			2		1										1
6970					1						1				
6967			1		2					1		1			
6966			3												
6971															
6418			5		1		1								
6417			4		1					1					
6416			3												
6413			4												
6411			2												
6419			1	1	1									1	
6424			2												
6426															
6428															
6402			1		1						1				
6403			1												
6404															
6405			3												
6410			2												
6401			1												
6407			1												

Table C.13 - El Mogote Ceramics by Gray Decoration Form and Type (Part 1)

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6746	6	2			1						10	10	
6738	2										6	6	
6729	2			4							6	6	
6751	3			2							7	7	
6749		1			1						4	4	
6728													
6750	3										3	3	
6742	1			2	1						8	8	
6758	2	1								1	5	5	2
6735	2										2	2	
6754				1							1	1	
6753	2										2	2	1
6712	1				2						4	4	1
6713											1	1	
6739		1		3	2						7	7	
6721	1										2	2	
6724	1			1							2	2	
6699	5										9	9	2
6719	1										1	1	
6698	2				1						5	4	
6659											5	5	
6815	3				1					1	6	6	1

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6782													
6774					2						2	2	
6763													
6783	1										1	1	
6767	1				1						2	2	
6780													
6777													
6766	1										1	1	
6770	1				1						2	2	
6761	5				2						7	7	
6762							1				1	1	
6772	1				2						3	3	1
6781	1				1						2	2	1
6697													
6702	1										1	1	
6706					1						1	1	
6710													
6690	1										1	1	
6693	1										1	1	
6716													
6691													
6692													
6711	1										1		1
6708													
6714													
6715													
6705													
6703													
6759					1						1	1	
6717										1	1		
6718													
6748													
6737	1				1						2	2	
6733					1						1	1	
6756													
6727													
6741													
6760							1				1	1	
6731											1		
6732							1				1		
6730													
6808							1				1		
6784					1						1	1	
6682													
6623													
6628													
6596													
6608													
6625													
6609						1					1		
6643							1				1	1	
6676	1										1	1	
6622	1				3		1				5	5	
6597	1				1						2	2	
6684	1										1	1	1
6574													
6633	1										1	1	
6634													
6593											1	1	
6632													
6598											1	1	
6647					1						1	1	
6673													
6663	1										1	1	
6674											1		

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6646													
6661													
6629													
6618													
6638							1				1	1	
6665					1						1	1	
6648													
6621													
6604													
6603	1										1	1	
6606													
6680											1	1	
6678													
6670											1	1	1
6649													
6653													
6627													
6642													
6655													
6667													
6612													
6617													
6626													
6605	1										1	1	
6637													
6602													
6594	2										2	2	1
6668											1	1	
6671													
6651													
6644													
6615													
6583	2				1						4	4	
6584					1						1	1	
6585											1	1	1
6582					1						1	1	
6580													
6581													
6587					2						2	2	
6590		1									1	1	
6586					1						1	1	
6591													
6572	2						1				3	3	1
6568													
6599													
6566							1				1	1	
6654													
6695													
6600													
6619													
6577													
6611	1										1	1	
6567													
6570													
6569													
6578													
6616	1										1	1	
6575													
6588													
6592													
6579													
6571				1							1	1	
6635	1				2		1				4	3	
6624													
6652					1						1	1	

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6662					3						3	2	1
6645													
6656	1										2	2	
6573	1										1	1	
6639													
6666													
6640							1				1	1	
6641													
6650	1										1	1	
6601											1	1	
6589													
6610													
6613											1	1	
6614											1	1	
6607	1										2	2	
6726	1										2	2	
6720													
6725													
6709													
6723											1	1	
6576	1										2	1	
6429											1	1	
6444													
6438													
6473													
6722													
6504													
6437													
6469													
6458	1										1	1	
6425													
6434													
6462					1						2	1	1
6460													
6452													
6464					1						1	1	
6468													
6465	1	1									2	1	
6509	2										2	2	
6508													
6500													
6453											1	1	
6486											1	1	
6481	1										1	1	
6507													
6484													
6482													
6463		1									3	3	
6506											1	1	
6475											1	1	
6432													
6470													
6450													
6446													
6478													
6477													
6487													
6490					1						1	1	
6479													
6502	1										1	1	
6441											1	1	
6471													
6657					1						1	1	
6459							1				2	2	
6433													

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6466											1	1	
6489	1										1	1	
6461	1										1	1	
6480					1						1	1	
6472													
6476													
6505													
6501													
6503													
6485					1						1	1	
6440	2										2	2	
6541					1						1	1	
6431											1	1	
6560													
6538													
6564													
6549	1										1	1	
6540											1	1	
6555	1				1						2	2	
6563	1										1	1	
6543	1										2	2	
6558	1										1	1	
6630	1										1	1	
6561													
6556					1						2	2	
6554													
6553											1	1	
6548	1										1	1	
6546													
6436													
6455	1										1	1	
6447											1		
6430													
6423	1										1	1	
6420					1						1	1	
6442													
6449													
6457	1										1	1	
6427					1						2	2	
6499													
6492											1	1	
6435													
6454	1										1	1	
6494													
6495													
6496													
6497													
6491													
6493					1						1	1	
6514													
6510													
6511													
6513													
6515											1	1	
6517					1						1	1	
6516				1							1	1	
6521													
6520	2										2	2	
6522	1										4	2	1
6523	1										1	1	
6524											2	2	
6525													
6526													
6527	1										1	1	
6528													

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6529													
6519													
6530													
6532													
6533	1										1	1	
6531							1				1		
6534													
6535											1	1	
6536													
6537	1										4	3	1
6539													
6542													
6544													
6545					1						1	1	
6547													
6551													
6557													
6559													
6562											2	2	
6565	1										1	1	
6421													
6498					1						2	2	
6512	1										1		
6414	1				1						4	4	
6415				1							1	1	
6422													
7013													
7001													
7003											2	2	
7006	2										2	2	
7005	3										3	3	
6996	1										3	3	1
7002	1										1	1	
7027	2										4	2	1
7004													
7007	3										3	3	2
6994													
7026	2										5	5	
7015	7				1						9	4	6
7014	1										1	1	
6995													
7023											1		
6999	1				1						4	4	
6997	2										2	2	
7010	3										6	5	3
7000	6				2						9	7	3
6991	2										2	2	
7031	13	1		1				1			18	11	10
7020													
7019													
7018	1										2	2	
7008	1				1						4	4	1
7021					1						5	5	
7024	2										3	3	
7025											1		1
7009	1										1	1	
7017	3				1						4	3	1
7012	2										3	1	2
7016													
6990													
7037													
7030	17										20	14	16
6987	9				3						13	9	7
6988	10	1			1						12	9	7
7029	5										5	4	3

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
7028	3					1					5	4	3
6968	9				1		1				11	5	4
7032	4										4	1	4
6989	1										1	1	
6986					1						1	1	
6977	4										4	2	2
6984	7				4						11	11	3
6972	5				4		2				12	12	1
6993													
6976	1						1				3	3	
6981	3	1									4	4	
6982													
6983	4										4	3	2
6998							1				1	1	
6980	2										2		2
6985	2										3	2	1
6978	1				1						2	2	
6979													
6973	2										2	2	1
6992	1										1	1	
6910	18	3			9		4				35	32	4
6896													
6888					1						1	1	
6894	1				1						2	2	1
6877	2	1					3				6	5	1
6885													
6886													
6887	1										1	1	
6883	1										1		1
6890					1	1					2	1	1
6893					1						1	1	
6895		1					1				2	1	
6898	2										2	2	1
6874	2										2	2	1
6880	3										3	3	
6903	4						1				5	4	2
6884													
6879	1	1									2		2
6897	5	1			1		1				8	7	2
6899	3	2			2		1				8	7	
6881							4				5	4	
6876	1						1				2	2	1
6919	8					1					9	6	4
6922	1					1					3	1	2
6923	2						2				5	4	1
6930a	1										1	1	
6930b							1				1	1	
6951													
6952							1				1	1	
6964													
6955	1										1	1	
6956													
6954											1	1	
6960							1				1	1	
6957	2						5				7	4	1
6965													
6959													
6958													
6925	1										2	2	
6927													
6931	1						2				3	3	
6928	1				1						2	1	1
6929	4	2		1	3	1	10				23	19	1
6924	1				2	2	4				9	5	2
6938											1	1	

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6941													
6948													
6939													
6953		1									1	1	
6940							1				1	1	
6950													
6935					1	1					2	1	1
6944													
6933		1									1	1	
6943	2				1						3	3	1
6942													
6834	1	1			1		2				5	5	
6858							1				1	1	
6851													
6850	2										2	2	
6846	1						2				3	3	
6860													
6848	1										1		1
6857	2						1				3	3	
6849													
6835	6	1			1		5				13	12	1
6847		1		1	1						3	3	
6837				1	1		5				8	8	
6843	5						6				12	9	3
6836	1				1		1				3	3	
7038							1				1	1	
6831													
6852	1										1	1	1
6841					1		1				2	2	
6833							1				1	1	
6840	3				4		1				8	8	1
6904													
6832	5				3		8				16	15	1
6845	1						3				4	2	1
6892	3						2	1			7	7	1
6909					1		1				2	2	
6882							2				2	2	
6902	1						2				3	3	
6901					1		1				3	2	1
6900	1										1	1	
6875													
6905							5				5	4	
6889	2						2				4	2	
6861	1										1	1	
6871													
6863	1				1						2	2	
6866	1				1		1				3	3	
6867	2						1				3	1	2
6862													
6869							1			1	2	1	1
6891	4				1		2				7	6	
6870	3						3				6	6	1
6854							1				2		
6872					1		1				2	2	
6864													
6859	4						1				5	4	1
6865	1										1		1
6868	2	1			2	1					6	4	3
6856					1		1				2	2	
6908	1						4				5	5	
6873	1				1						2	1	
6911	1										1	1	
6915		1									1	1	
6917													
6907													

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6920	1	1			1		3				6	6	
6916							2				2	2	
6914	1	1					2				4	4	
6912	4										7	7	3
6913	1	1									2	2	
6918													
6906							1				1	1	
6921	1										1	1	
6838	1				1		6				8	8	1
6853													
6961													
6769													
6796													
6681													
6685													
6803													
6695	3										3	2	
6664					1		1				2	2	
6812													
6785	1										1	1	
6669	1				1						2	2	
6701							1				1	1	
6658	1										1		1
6679	2										2	2	
6687	1						1				3	2	1
6764	2	2					1				5	5	1
6779	2						1				3	2	1
6768	2						1				3	3	1
6734							2				2	1	1
6736	1										1	1	
6773							1				1	1	
6792													
6765	2										2	1	2
6740	1										1	1	
6672	1										1	1	
6808							1				1		
6744	1						4				5	1	
6707													
6675		1									1	1	
6704													
6795	1										1	1	
6800													
6794							1				1	1	
6660													
6787	1										1	1	
6804													
6700	2										2	1	1
6788													
6694							1				1	1	
6807													
6677													
6757													
6789													
6801							1				1	1	1
6814													
6810													
6842							2				2	2	
6845	1	1			1	1	4				8	6	
6947	1				1						2	1	
6797													
6878	1										1	1	1
6552													
6811													
6776													
6443							2				2	2	

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V249	V250	V251	V252	V253
6802													
6791							1				1	1	
6799													
6818													
6778													
6745	1				1						2	2	
6824													
6439													
6817													
6826	1										1	1	
6550													
6786		1									1		
6813							1				1		
6805													
6775													
6445													
6798		1									1	1	
6448							1				1	1	
6844													
6828													
6752					1		1				2	2	
6820													
6771													
6829													
6790		2					1				3	3	
6793							1				1	1	
6816				1							1		
6822	1					10	1				12	1	1
6823	1					3					4	1	1
6755													
6747													
6821													
6819													
6969	24	1			12		24				84	78	7
6974	11			1	3	1	2				20	18	1
6975	10				3		2				20	20	1
6970	2										2	1	1
6967	3			1			3				7	7	2
6966	5	3				1	11				22	21	1
6971		1									1		
6418	6						11				18	18	1
6417	2						3				5	4	1
6416	5					1	6				12	12	
6413							3				4	4	
6411							1				3	3	
6419	2						1				7	7	2
6424	1				1		5				7	7	
6426	2										2	2	
6428							1				3	2	1
6402	1						1				2	1	1
6403							2				2	2	
6404													
6405	1						1				2	2	
6410													
6401					1		2				3	3	
6407													

Table C.14 - El Mogote Ceramics by Gray Decoration Form and Type (Part 2)

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6746			1						5				
6738						1			5	3			1
6729									6	2			

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6751									7				
6749									2	2			
6728													
6750						1			3				
6742									7	2			
6758									5				
6735									2				
6754										1			
6753									2	1			
6712									3	1			
6713									1				
6739									4	3			
6721									2				
6724									1	1			
6699						1			7	1			
6719									1				
6698						1			2	2		1	
6659									3	2			
6815									3	4		1	
6782													
6774									2				
6763													
6783									1	1			
6767									2				
6780													
6777													
6766									1				
6770									2	1			
6761									7	5			
6762										1			
6772									1	2			
6781									1	1			
6697													
6702									1				
6706									1				
6710													
6690									1				
6693									1				
6716													
6691													
6692													
6711													
6708													
6714													
6715													
6705													
6703													
6759									1				
6717				1	1								
6718													
6748													
6737									1	2			
6733										1			
6756													
6727													
6741													
6760									1				
6731						1							
6732	1												
6730													
6808					1								
6784									1				
6682													
6623													
6628													

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6596													
6608													
6625													
6609				1									
6643									1				
6676										1			
6622									3	3			
6597										2			
6684									1				
6574													
6633										1			
6634													
6593									1				
6632													
6598									1				
6647									1				
6673													
6663									1				
6674								1					
6646													
6661													
6629													
6618													
6638									1				
6665									1				
6648													
6621													
6604													
6603									1				
6606													
6680									1				
6678													
6670										1			
6649													
6653													
6627													
6642													
6655													
6667													
6612													
6617													
6626													
6605									1	1			
6637													
6602													
6594									2				
6668										1			
6671													
6651													
6644													
6615													
6583									4				
6584										1			
6585										1			
6582										1			
6580													
6581													
6587									2				
6590									1				
6586									1				
6591													
6572									2	1			
6568													
6599													
6566									1				

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6654													
6695													
6600													
6619													
6577													
6611									1				
6567													
6570													
6569													
6578													
6616										1			
6575													
6588													
6592													
6579													
6571									1				
6635					1				3				
6624													
6652										1			
6662					1				2				
6645													
6656										2			
6573									1				
6639													
6666													
6640										1			
6641													
6650									1				
6601									1				
6589													
6610													
6613												1	
6614									1				
6607					1				1	1			
6726									1	2			
6720													
6725													
6709													
6723									1				
6576									1	1			
6429										1			
6444													
6438													
6473													
6722													
6504													
6437													
6469													
6458									1	1			
6425													
6434													
6462									1				
6460													
6452													
6464									1				
6468													
6465									1		1		
6509									2				
6508													
6500													
6453									1				
6486									1				
6481									1				
6507													
6484													

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6482													
6463									2	1			
6506										1			
6475									1				
6432													
6470													
6450													
6446													
6478													
6477													
6487													
6490									1				
6479													
6502									1				
6441									1				
6471													
6657									1				
6459									1	1			
6433													
6466										1			
6489									1				
6461										1			
6480									1				
6472													
6476													
6505													
6501													
6503													
6485										1			
6440									1	1			
6541										1			
6431										1			
6560													
6538													
6564													
6549									1				
6540										1			
6555									1	1			
6563									1				
6543									1	1			
6558									1				
6630										1			
6561													
6556										2			
6554													
6553										1			
6548									1				
6546													
6436													
6455										1			
6447	1												
6430													
6423									1				
6420									1				
6442													
6449													
6457									1				
6427									1	1			
6499													
6492									1				
6435													
6454									1				
6494													
6495													
6496													

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6497													
6491													
6493									1				
6514													
6510													
6511													
6513													
6515									1				
6517										1			
6516									1				
6521													
6520									1	1			
6522	1					1				1			
6523										1			
6524									1				
6525													
6526													
6527										1			
6528													
6529													
6519													
6530													
6532													
6533										1			
6531						1							
6534													
6535									1				
6536													
6537	1								2	1			
6539													
6542													
6544													
6545										1			
6547													
6551													
6557													
6559													
6562										2			
6565									1				
6421													
6498									1	1			
6512						1							
6414									1	3			
6415										1			
6422													
7013													
7001													
7003									1	1			
7006									1	1			
7005									1	2			
6996										3			
7002									1				
7027										1		1	
7004													
7007										3			
6994													
7026									3	2			
7015						1			3	1			
7014									1				
6995													
7023								1					
6999									1	3			
6997									1	2			
7010										5			
7000					1				6	1			

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6991										2			
7031					1				2	9		1	
7020													
7019													
7018									2				
7008									1	3			
7021									3	2			
7024									2	1			
7025													
7009									1	1			
7017									3				
7012					1				1				
7016													
6990													
7037													
7030					1				5	19			
6987									4	5			
6988									4	4		1	
7029									4	1			
7028				1	1				1	3			
6968	1					1			2	3			
7032										1			
6989									1				
6986									1				
6977									1	1			
6984									3	8			
6972									6	6		1	
6993													
6976										1		2	
6981									3	1			
6982													
6983									1	2			
6998										1			
6980													
6985									1	1			
6978									1			1	
6979													
6973										2			
6992										1			
6910									15	20	2	1	
6896													
6888									1				
6894									1	1			
6877						1			3	2			
6885													
6886													
6887									1				
6883													
6890										1			
6893									1				
6895						1			1				
6898									1	1			
6874									1	1			
6880									1	2			
6903									2	2			
6884													
6879													
6897						1			6	3			
6899						1			2	5			
6881						1			3	1			
6876									1	1			
6919						1			2	4			
6922									1				
6923						1			2	2			
6930a									1				

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6930b										1			
6951													
6952										1			
6964													
6955										1			
6956													
6954										1			
6960										1			
6957						3			3	1			
6965													
6959													
6958													
6925										2			
6927													
6931									2	1			
6928									1				
6929				1		3			10	11			
6924						2			5				
6938									1	1			
6941													
6948													
6939													
6953									1				
6940										1			
6950													
6935									1				
6944													
6933										1			
6943									1	2			
6942													
6834									2	4			
6858									1				
6851													
6850									1	2			
6846									3	3			
6860													
6848													
6857									3				
6849													
6835									7	5			
6847									2	2			
6837									3	5			
6843									4	6			
6836									3	1			
7038									1				
6831													
6852										1			
6841									2				
6833									1				
6840									4	6			
6904													
6832	1								8	9			
6845				1					1	1			
6892									4	3			
6909									2				
6882									1	1			
6902									2	1			
6901										2			
6900										1			
6875													
6905						1			2	2			
6889						2			2				
6861									1				
6871													
6863									2				

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6866									2	2			
6867									1				
6862													
6869										1			
6891						3			4	2			
6870									3	3			
6854					1	1							
6872									2				
6864													
6859									2	2			
6865													
6868									3	1			
6856									1	1			
6908									3	2			
6873						1			1	1			
6911									1				
6915										1			
6917													
6907													
6920				1					1	4		1	
6916									1	1			
6914									2	2			
6912									1	6			
6913									2				
6918													
6906									1				
6921									1	1			
6838				1					5	3			
6853													
6961													
6769													
6796													
6681													
6685													
6803													
6695						1			1	1			
6664									1	1			
6812													
6785									1				
6669										2			
6701										1			
6658													
6679									1	1			
6687									1	1			
6764									1	4			
6779									2	1			
6768									2	1			
6734										1			
6736										1			
6773									1				
6792													
6765									1	1			
6740									1				
6672									1				
6808						1							
6744						4			1				
6707													
6675										1			
6704													
6795									1				
6800													
6794									1				
6660													
6787									1				
6804													

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6700									1				
6788													
6694										1			
6807													
6677													
6757													
6789													
6801										1			
6814													
6810													
6842									2				
6845						2			5	1			
6947						1				1			
6797													
6878										1			
6552													
6811													
6776													
6443										2			
6802													
6791										1			
6799													
6818													
6778													
6745									2				
6824													
6439													
6817													
6826									1				
6550													
6786	1												
6813	1												
6805													
6775													
6445													
6798									1				
6448										1			
6844													
6828													
6752										2			
6820													
6771													
6829													
6790									2	1			
6793										1			
6816						1							
6822				10		1			1				
6823				3						1			
6755													
6747													
6821													
6819													
6969			1	1		2		1	34	46		2	
6974						1			12	9			
6975									13	10			
6970									1				
6967									3	4			
6966									7	10		8	
6971	1												
6418									10	9			
6417									2	2			
6416									6	7			
6413					1				4				
6411									2	1			
6419									5	2			

PROV	V254	V255	V256	V257	V258	V259	V260	V261	V262	V263	V264	V265	V266
6424									2	5			
6426									1	2			
6428					1				2	1			
6402									1	1			
6403									2				
6404													
6405										2			
6410													
6401									1	2			
6407													

Table C.15 - El Mogote Ceramics by Gray Bowl Motifs (Part 1)

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6746	4			2		1						2	
6738	3			1					1				
6729	2										1		
6751	1			2									
6749													
6728				2									
6750	1			2									
6742	1			1									
6758				2			2						
6735	1			1									
6754			1										
6753	2							1					
6712	1			2									
6713													
6739													
6721	1												
6724	1			1									
6699	2			3			1	2				1	
6719	1												
6698	1			1									
6659	1												
6815	4							1	1				
6782													
6774													
6763													
6783	1			1									
6767	1									1			
6780	1			2									
6777													
6766				1									
6770				1									
6761	3	1		4				1	1			1	
6762													
6772	2			1			1						
6781	2			1							1		
6697				2									
6702	1			1									
6706				1									
6710													
6690													
6693						1							
6716													
6691													
6692													
6711	1			1									
6708													
6714													
6715													
6705													

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6703				1									
6759													
6717													
6718													
6748													
6737	1			1				1					
6733				1									
6756													
6727													
6741													
6760													
6731													
6732													
6730													
6808													
6784				1									
6682													
6623													
6628													
6596													
6608													
6625													
6609													
6643													
6676	1			1		1							
6622	2			1									
6597				1			1						
6684	1						1						
6574													
6633				1			1						
6634				1									
6593													
6632													
6598													
6647													
6673													
6663				1							1		
6674													
6646													
6661													
6629													
6618													
6638													
6665													
6648													
6621													
6604				1									
6603				2									
6606													
6680				1									
6678													
6670	1												
6649													
6653													
6627	1			1									
6642				1									
6655	2			1									
6667													
6612	1			1									
6617	1												
6626													
6605	1												
6637				1									
6602													
6594				2			1						

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6668													
6671				1									
6651													
6644													
6615				2									
6583				2					1				
6584													
6585				1									
6582	1												
6580													
6581				1									
6587				2									
6590													
6586													
6591													
6572	2			2			1						
6568	1												
6599													
6566				2									
6654													
6695													
6600													
6619	2												
6577													
6611				1									
6567													
6570													
6569													
6578													
6616	1			1			1						
6575													
6588				1									
6592													
6579				1									
6571													
6635				2			1						
6624													
6652	1												
6662	1												
6645	1												
6656	1			1		1							
6573				1			1						
6639													
6666													
6640	1												
6641				1									
6650	1						1						
6601													
6589				2									
6610													
6613				1									
6614													
6607	1									1			
6726	1						1						
6720	1			2									
6725													
6709													
6723				1									
6576				2					1				
6429				1									
6444				1									
6438													
6473				1									
6722				1									
6504				1									

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6437													
6469													
6458	1												
6425													
6434													
6462	1			1									
6460													
6452				1									
6464													
6468													
6465		1											
6509	1			2		1							
6508													
6500													
6453				1									
6486													
6481							1						
6507													
6484													
6482													
6463	3			2									
6506	1												
6475	2			1									
6432													
6470				1									
6450													
6446													
6478													
6477													
6487													
6490													
6479													
6502				2		1							
6441													
6471													
6657													
6459													
6433													
6466													
6489	1												
6461				2								1	
6480	1												
6472													
6476													
6505				1									
6501				1									
6503													
6485													
6440	1			1								1	
6541													
6431													
6560													
6538													
6564													
6549				1									
6540				1									
6555	2												
6563	1												
6543				1			1						
6558	2												
6630				1			1						
6561													
6556													
6554													
6553													

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6548				1									
6546													
6436	1												
6455	1										1		
6447													
6430													
6423				2			1						
6420													
6442				2									
6449													
6457	1					1							
6427				1									
6499													
6492	1												
6435	1												
6454	1					1							
6494				1									
6495													
6496				1									
6497													
6491													
6493													
6514	1			1									
6510				2									
6511				1									
6513				1									
6515	1												
6517													
6516													
6521	1			1									
6520	2			2		1	1						
6522	2												
6523	1						1						
6524				2									
6525													
6526													
6527	1			1			1						
6528													
6529													
6519													
6530													
6532													
6533	1			1									
6531													
6534													
6535				1									
6536													
6537	1			1		1							
6539													
6542	1			1									
6544													
6545	1												
6547													
6551	1												
6557													
6559													
6562													
6565				1									
6421				1									
6498													
6512	2			1									
6414	2			1				1					
6415													
6422				1									
7013													

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
7001													
7003				6									
7006	1			4					1		1		
7005	1			8		1		1					
6996	1												
7002	3			2			1						
7027	2			9									
7004	4			6									
7007	3			5									
6994	1			3									
7026	3	2		7									
7015	3			26			1						
7014	3			11			1						
6995				2									
7023	1			3									
6999				8			1						
6997	2			3									
7010	6	1		11								1	
7000	8			7		2	1						
6991	1			1		1		1					
7031	21			32			2					1	
7020				1									
7019				1									
7018				1									
7008	6			16									
7021	2			5									
7024	2			3			1	1					
7025				3									
7009	1			6			1						
7017	1			5			1	1					
7012	3			2			1						
7016													
6990													
7037													
7030	32	37					2						
6987	11			24				1					1
6988	13	1		11			3						
7029	2			11			2	1					
7028	3			20			1						
6968	14	1		29		2	1			1			
7032	6	1		11									
6989	2												
6986				3									
6977	6			18	1	1							
6984	13	1		11		1		1				1	1
6972	3			20		3	1						
6993	2			2									
6976	2			2									
6981	6			3		1							1
6982				8									
6983	3			5			1						
6998				4									
6980	2			3									
6985	1			6			1			1			
6978	2			3				1					
6979				2									
6973				2			2						
6992				1									
6910	15	2	5	26		2						1	
6896				2									
6888	1												
6894	2												
6877	4			6			1						
6885	3			3									
6886				1									

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6887	1												
6883	1		6										
6890	3												
6893	1	1											
6895	1												
6898				7									
6874	5	3			1								
6880	1			5		1	1						
6903	3		1	6			1						
6884	1			1									
6879	1			4									
6897	8	4		5			2						
6899	5			4		1							
6881	2			2									
6876	1			1									
6919	19			14			2						
6922	4	1		2									
6923	9			2		1							
6930a	2			6									
6930b													
6951	1	1		1									
6952													
6964													
6955	1			2									
6956													
6954				3									
6960	1												
6957	3			1			1						
6965	2												
6959	3												
6958				2									
6925				1									
6927													
6931	1												
6928	5												
6929	18			13		1	1						
6924	12	1		1									
6938	1												
6941	3			3									
6948				1									
6939	1												
6953	3												
6940	2												
6950				3									
6935	2			3									
6944				1									
6933													
6943				5			1						
6942	1												
6834	2			3		1							
6858	1												
6851	3			3									
6850	1			2	1				1				
6846	5			7				1					
6860				3									
6848	2			1									
6857				7		2							
6849	1			3									
6835	13			15									
6847	4			2									
6837	1			5									
6843	15			14		1			1				
6836	1			4			1						
7038				1									
6831	1												

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6852	1												
6841	1												
6833	2			6									
6840	7			5									
6904	1			3									
6832	7			8			1						
6845	1			1									
6892	10			9			1	1					
6909	1												
6882	9			3									
6902	1			4									
6901	6			4									
6900	4			1				1					
6875	1			3									
6905	2			1									
6889	4			1		2							
6861	1										1		
6871				1									
6863	1			1		1							
6866	1			1					1				
6867	2			2									
6862													
6869	2			2									
6891	7			8			1						
6870	2			10		1	1						
6854	4			4									
6872	7			3									
6864	3			1									
6859	1			6		1		1					
6865	2			9									
6868	7			10									
6856	4			4									
6908	4			5								1	
6873	3			9									
6911	3			13		1							
6915	1			1									
6917				2									
6907				1									
6920	2												
6916				1									
6914	7					1							
6912	7			9		1	2						
6913	4			2			1						
6918				3									
6906				1									
6921	1			1									
6838	3			3									
6853				4									
6961	2			2									
6769	3			1									
6796	2												
6681	1			2									
6685				1									
6803				1									
6695	2			2		2							
6664	1												
6812	5			2									
6785	2			2									
6669	1			1					1		1		
6701	3			7									
6658	1												
6679	3			1		1							
6687	3			2									
6764	4			3		1							
6779	7			2						1			

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6768	2			4						1			
6734	1												
6736	3			1									
6773	4												
6792	1												
6765	3			5							1		
6740	1			1		1							
6672	3												
6808													
6744	2			2		1							
6707	3			3									
6675				1									
6704													
6795	1							1					
6800				1									
6794													
6660													
6787	1			1			1						
6804													
6700	2			2									
6788	1												
6694				1									
6807													
6677													
6757													
6789	1												
6801				1									
6814													
6810													
6842	6			5									
6845	4			3									
6947	3												
6797													
6878	1												
6552													
6811													
6776													
6443													
6802													
6791				2									
6799													
6818				2									
6778													
6745				2									
6824													
6439													
6817													
6826	1			1									
6550			1										
6786				1									
6813	2												
6805				2									
6775	1												
6445													
6798													
6448													
6844													
6828													
6752	1												
6820	3												
6771	1												
6829													
6790													
6793	1												
6816				2									

PROV	V267	V268	V269	V270	V271	V272	V273	V274	V275	V276	V277	V278	V279
6822	2			2									
6823	3			1			1						
6755													
6747				1									
6821	1												
6819				2									
6969	25			59		3	7	4	1	1			
6974	9			19	2		1		2				
6975	14			10		2	3	1	3				
6970				3			1						
6967	2			6			1						
6966	14			24				1	1		1		
6971				1									
6418	8			20			2	1	1				
6417				13			1						
6416	6			6			2	1					
6413	5			4									
6411	2			4									
6419	7			8									
6424	2			3		1							
6426	1			3		1		1					
6428				3									
6402	1			4									
6403	1												
6404													
6405	1			3			1						
6410	2			1									
6401				1									
6407				1									

Table C.16 - El Mogote Ceramics by Gray Bowl Motifs (Part 2)

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6746	1										
6738											
6729							1				
6751		1					1				
6749											
6728											
6750							1				
6742							1				
6758											
6735										1	
6754											
6753										1	
6712						1	1		1		
6713											
6739											
6721											
6724											
6699										1	
6719							1				
6698							1		1		
6659											
6815		1								1	
6782											
6774											
6763											
6783											
6767											
6780											
6777											
6766											
6770		1									

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6761											
6762											
6772											
6781											
6697											
6702											
6706											
6710											
6690							1				
6693											
6716											
6691											
6692											
6711											
6708											
6714											
6715											
6705											
6703											
6759											
6717											
6718											
6748											
6737											
6733											
6756											
6727											
6741											
6760											
6731											
6732											
6730											
6808											
6784											
6682											
6623											
6628											
6596											
6608											
6625											
6609											
6643											
6676											
6622							1				
6597											
6684											
6574											
6633											
6634											
6593											
6632											
6598											
6647											
6673											
6663		1									
6674											
6646											
6661											
6629											
6618											
6638											
6665											
6648											
6621											
6604											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6603											
6606											
6680											
6678											
6670		1									
6649											
6653											
6627											
6642											
6655											
6667											
6612											
6617											
6626											
6605											
6637											
6602											
6594											
6668											
6671											
6651											
6644											
6615											
6583											
6584											
6585						1					
6582											
6580											
6581											
6587											
6590											
6586											
6591											
6572											
6568											
6599											
6566											
6654											
6695											
6600											
6619											
6577											
6611											
6567											
6570											
6569											
6578											
6616											
6575											
6588											
6592											
6579											
6571											
6635											
6624											
6652											
6662											
6645											
6656											
6573											
6639											
6666											
6640											
6641											
6650											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6601											
6589											
6610											
6613											
6614											
6607					1						
6726											
6720											
6725											
6709											
6723											
6576											
6429											
6444											
6438											
6473											
6722											
6504											
6437											
6469											
6458											
6425											
6434											
6462											
6460											
6452											
6464											
6468											
6465											
6509											
6508											
6500											
6453											
6486											
6481											
6507											
6484											
6482											
6463											
6506											
6475											
6432											
6470											
6450											
6446											
6478											
6477											
6487											
6490											
6479											
6502											
6441											
6471											
6657											
6459											
6433											
6466											
6489											
6461											
6480											
6472											
6476											
6505											
6501											
6503											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6485											
6440											
6541											
6431											
6560											
6538											
6564											
6549											
6540											
6555							1				
6563											
6543											
6558							1				
6630											
6561											
6556											
6554											
6553											
6548											
6546											
6436											
6455							1				
6447											
6430											
6423											
6420											
6442											
6449											
6457											
6427											
6499											
6492											
6435											
6454											
6494											
6495											
6496											
6497											
6491											
6493											
6514											
6510											
6511											
6513											
6515											
6517											
6516											
6521											
6520											
6522											
6523											
6524											
6525											
6526											
6527											
6528											
6529											
6519											
6530											
6532											
6533											
6531											
6534											
6535											
6536											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6537											
6539											
6542											
6544											
6545											
6547											
6551											
6557											
6559											
6562											
6565		1									
6421											
6498											
6512											
6414		1									
6415											
6422											
7013											
7001											
7003											
7006						1	1				
7005				1							
6996		1							1		
7002											
7027											
7004											
7007		1								1	
6994											
7026		1									
7015											
7014											
6995											
7023											
6999											
6997											
7010											
7000											
6991							1				
7031											1
7020											
7019											
7018											
7008											
7021											
7024											
7025											
7009											
7017											
7012											
7016											
6990											
7037											
7030		5					2				
6987		2									
6988		2					1				1
7029							1				
7028											
6968											
7032											
6989							1				
6986											
6977											
6984									3		
6972											
6993											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6976											1
6981											
6982											
6983		1									
6998											
6980											
6985											
6978											
6979											
6973											
6992											
6910		3		1					2	3	
6896											
6888											
6894									1		
6877											
6885											
6886											
6887											
6883											
6890											
6893											
6895											
6898									1		
6874			1								
6880											
6903		1									
6884											
6879											
6897							1				
6899										1	
6881											
6876											
6919		2									
6922											
6923							1				
6930a									1		
6930b											
6951											
6952											
6964											
6955										1	
6956											
6954											
6960											
6957											
6965											
6959											
6958											
6925											
6927											
6931											
6928											
6929		2									
6924					1						
6938											
6941											
6948											
6939											
6953											
6940											
6950											
6935											
6944											
6933											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6943		1									
6942											
6834											
6858											
6851											
6850											
6846											
6860											
6848											
6857											
6849											
6835											
6847											
6837											
6843											
6836											
7038											
6831											
6852							1				
6841											
6833											
6840											
6904											
6832							1				
6845											
6892		1									
6909											
6882											
6902							1				
6901											
6900											
6875											
6905											
6889											
6861									1		
6871											
6863											
6866							1				
6867											
6862											
6869											
6891											
6870											
6854											
6872											
6864											
6859											
6865											
6868											
6856											
6908											
6873											
6911											
6915											
6917											
6907											
6920											
6916											
6914											
6912		2							1		
6913											
6918											
6906											
6921							1				
6838							1				

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6853											
6961											
6769											
6796											
6681											
6685											
6803											
6695											
6664											
6812											
6785											
6669											
6701											
6658											
6679											
6687											
6764											
6779											
6768									1		
6734											
6736											
6773											
6792											
6765											
6740											
6672											
6808											
6744											
6707											
6675											
6704											
6795											
6800											
6794											
6660											
6787											
6804											
6700							1				
6788											
6694											
6807											
6677											
6757											
6789											
6801											
6814											
6810											
6842											
6845											
6947											
6797											
6878									1		
6552											
6811											
6776											
6443											
6802											
6791											
6799											
6818											
6778											
6745											
6824											
6439											
6817											

PROV	V280	V281	V282	V283	V284	V285	VMOT 16	VMOT 17	VMOT 18	VMOT 19	VMOT 20
6826											
6550											
6786											
6813											
6805											
6775											
6445											
6798											
6448											
6844											
6828											
6752											
6820											
6771											
6829											
6790											
6793											
6816											
6822											
6823											
6755											
6747											
6821											
6819											
6969		1					1				1
6974					1		1		1		
6975					1				1		
6970											
6967			1								
6966				1							
6971											
6418						1					
6417											
6416					1						
6413											
6411											
6419					1						
6424											
6426											
6428											
6402											
6403											
6404											
6405											
6410											
6401											
6407											

Table C.17 - El Mogote Ceramics by Gray Bowl Motifs (Part 3)

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6746											
6738			1						1		
6729											
6751											
6749											
6728											
6750							1		1		
6742											
6758											
6735											1
6754											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6753					1	1					
6712											
6713											
6739											
6721								1			
6724							1				
6699											
6719											
6698								2			
6659											
6815										1	
6782											
6774											
6763											
6783						1					
6767								1			
6780											
6777											
6766											
6770											
6761							1				
6762											
6772											
6781		1									
6697											
6702											
6706											
6710											
6690											
6693											
6716											
6691											
6692											
6711											
6708											
6714											
6715											
6705											
6703											
6759											
6717											
6718											
6748											
6737											
6733											
6756											
6727											
6741											
6760											
6731											
6732											
6730											
6808											
6784											
6682											
6623											
6628											
6596											
6608											
6625											
6609											
6643											
6676											
6622				1		1					
6597											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6684											
6574											
6633											
6634											
6593											
6632											
6598											
6647											
6673											
6663											
6674											
6646											
6661											
6629											
6618											
6638											
6665											
6648											
6621											
6604											
6603											1
6606											
6680											
6678											
6670											
6649											
6653											
6627											
6642											
6655											
6667											
6612											
6617											
6626											
6605											
6637											
6602											
6594											
6668											
6671											
6651											
6644											
6615											
6583			1								
6584											
6585											
6582											
6580											
6581											
6587											
6590											
6586											
6591											
6572											
6568											
6599											
6566											
6654											
6695											
6600											
6619											
6577											
6611							1				
6567											
6570											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6569											
6578											
6616											
6575											
6588											
6592											
6579											
6571											
6635											
6624											
6652											
6662											
6645											
6656											
6573											
6639											
6666											
6640											
6641											
6650											
6601											
6589											
6610											
6613											
6614											
6607											
6726				1							
6720											
6725											
6709											
6723											
6576							1				
6429											
6444											
6438											
6473											
6722											
6504											
6437											
6469											
6458								1			
6425											
6434											
6462											
6460											
6452											
6464											
6468											
6465											
6509								1			
6508											
6500											
6453											
6486											
6481											
6507											
6484											
6482											
6463											
6506											
6475											
6432											
6470											
6450											
6446											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6478											
6477											
6487											
6490											
6479											
6502											
6441											
6471											
6657											
6459											
6433											
6466											
6489								1			
6461											
6480											
6472											
6476											
6505											
6501											
6503											
6485											
6440									1		
6541											
6431											
6560											
6538											
6564											
6549											
6540											
6555											
6563		1									
6543		1									
6558											
6630											
6561											
6556											
6554											
6553											
6548								1			
6546											
6436											
6455											
6447											
6430											
6423											
6420											
6442											
6449											
6457											
6427											
6499											
6492											
6435											
6454											
6494											
6495											
6496											
6497											
6491											
6493											
6514											
6510											
6511											
6513											
6515											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6517											
6516											
6521											
6520											
6522		1									
6523											
6524											
6525											
6526											
6527											
6528											
6529											
6519											
6530											
6532											
6533											
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6536											
6537											
6539											
6542											
6544											
6545											
6547											
6551											
6557											
6559											
6562											
6565											
6421											
6498											
6512											
6414											
6415											
6422											
7013											
7001											
7003											
7006			1								
7005											
6996											
7002											
7027											
7004											
7007		2							1		
6994											
7026				1							1
7015		1	1								
7014											
6995											
7023											
6999											
6997		2									
7010											
7000											
6991											
7031				1			1				
7020											
7019											
7018				1	1						
7008											
7021											
7024											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
7025											
7009							1				1
7017											
7012											
7016											
6990											
7037											
7030		1				1					
6987											1
6988		1									
7029									1		
7028											
6968											
7032											
6989											
6986											
6977											
6984											
6972											
6993											
6976											
6981	1										
6982											
6983	1								1		
6998											
6980											
6985							1				
6978											
6979											
6973											
6992											
6910									8		
6896											
6888											
6894											
6877											
6885											
6886											
6887	1										
6883											
6890											
6893											
6895											
6898	1										
6874											
6880											
6903		1									
6884											
6879											
6897											
6899									2		
6881											
6876										1	
6919											
6922											
6923											
6930a											
6930b											
6951											
6952											
6964											
6955											
6956											
6954											
6960											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6957											
6965											
6959											
6958											
6925											
6927											
6931											
6928											
6929											
6924											
6938											
6941											
6948											
6939											
6953											
6940											
6950											
6935											
6944											
6933											
6943											
6942											
6834											
6858											
6851											
6850											
6846											
6860											
6848											
6857											
6849											
6835											
6847											
6837											
6843								1			
6836		1									
7038											
6831											
6852											
6841											
6833											
6840											
6904											
6832	1										
6845											
6892											
6909											
6882											
6902											
6901											
6900										1	
6875											
6905											
6889											
6861											
6871											
6863											
6866	1										
6867											
6862											
6869											
6891											
6870							1		1		
6854											
6872											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6864											
6859											
6865											
6868											
6856											
6908											
6873											
6911											
6915											
6917											
6907											
6920									1		
6916											
6914											
6912											
6913											
6918											
6906											
6921				1							
6838		1									
6853											
6961											
6769											
6796											
6681											
6685											
6803											
6695											
6664											
6812											
6785											
6669											
6701											
6658											
6679							1		1		
6687											
6764									1		
6779									1		
6768											
6734											
6736											
6773											
6792											
6765								1			
6740											
6672											
6808											
6744											
6707											
6675											
6704											
6795											
6800											
6794											
6660											
6787											
6804											
6700											
6788											
6694											
6807											
6677											
6757											
6789											
6801											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6814											
6810											
6842											
6845											
6947											
6797											
6878											
6552											
6811											
6776											
6443											
6802											
6791											
6799											
6818											
6778											
6745											
6824											
6439											
6817											
6826	1										
6550											
6786											
6813											
6805											
6775											
6445											
6798											
6448											
6844											
6828											
6752											
6820											
6771											
6829											
6790											
6793											
6816											
6822											
6823											
6755											
6747											
6821											
6819											
6969							1		1	1	
6974							1				
6975			1				1				
6970											
6967									1		
6966									1		
6971											
6418			1			1					
6417											
6416											
6413											
6411											
6419			1								
6424											
6426											
6428											
6402											
6403											
6404											
6405											
6410											

PROV	VMOT 21	VMOT 22	VMOT 23	VMOT 24	VMOT 25	VMOT 26	VMOT 27	VMOT 28	VMOT 29	VMOT 30	VMOT 31
6401											
6407											

Table C.18 - El Mogote Ceramics by Gray Bowl Motifs (Part 4)

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6746					1						
6738		1				1					
6729			1				1				1
6751		1									
6749											
6728											
6750			1								
6742											
6758			2				2				
6735											
6754											
6753					1						
6712											
6713											
6739											
6721					1						
6724											
6699			1								
6719											
6698								1			
6659											
6815											
6782											
6774											
6763											
6783											
6767					1						
6780											
6777											
6766											
6770											
6761			1		1						
6762											
6772											
6781											
6697											
6702							1				
6706											
6710											
6690											
6693											
6716											
6691											
6692											
6711											
6708											
6714											
6715											
6705											
6703											
6759											
6717											
6718											
6748											
6737					1						
6733											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6756											
6727											
6741											
6760											
6731											
6732											
6730											
6808											
6784											
6682											
6623											
6628											
6596											
6608											
6625											
6609											
6643											
6676											
6622											
6597											
6684					1						
6574											
6633											
6634											
6593											
6632											
6598											
6647											
6673											
6663		1									
6674											
6646											
6661											
6629											
6618											
6638											
6665											
6648											
6621											
6604											
6603					1						
6606											
6680											
6678											
6670											
6649											
6653											
6627											
6642											
6655											
6667											
6612											
6617											
6626											
6605					1						
6637											
6602											
6594					1						
6668											
6671											
6651											
6644											
6615											
6583					1						
6584											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6585											
6582											
6580											
6581											
6587											
6590											
6586											
6591											
6572		1			1						
6568											
6599											
6566											
6654											
6695											
6600											
6619											
6577											
6611											
6567											
6570											
6569											
6578											
6616											
6575											
6588											
6592											
6579											
6571											
6635											
6624											
6652											
6662											
6645											
6656											
6573											
6639											
6666											
6640											
6641											
6650											
6601											
6589											
6610											
6613											
6614											
6607											
6726											
6720											
6725											
6709											
6723											
6576											
6429											
6444											
6438											
6473											
6722											
6504											
6437											
6469											
6458								1			
6425											
6434											
6462											
6460											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6452											
6464											
6468											
6465											
6509											
6508											
6500											
6453											
6486											
6481											
6507											
6484											
6482											
6463											
6506											
6475											
6432											
6470											
6450											
6446											
6478											
6477											
6487											
6490											
6479											
6502											
6441											
6471											
6657											
6459											
6433											
6466											
6489								1			
6461											
6480											
6472											
6476											
6505											
6501											
6503											
6485											
6440											
6541											
6431											
6560											
6538											
6564											
6549					1						
6540											
6555											
6563											
6543											
6558											
6630											
6561											
6556											
6554											
6553											
6548											
6546											
6436											
6455											
6447											
6430											
6423											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6420											
6442											
6449											
6457											
6427											
6499											
6492											
6435											
6454											
6494											
6495											
6496											
6497											
6491											
6493											
6514											
6510											
6511											
6513											
6515											
6517											
6516											
6521											
6520											
6522											
6523											
6524											
6525											
6526											
6527											
6528											
6529											
6519											
6530											
6532											
6533											
6531											
6534											
6535											
6536											
6537											
6539											
6542											
6544											
6545											
6547											
6551											
6557											
6559											
6562											
6565	1										
6421											
6498											
6512											
6414											
6415											
6422											
7013											
7001											
7003											
7006				1							
7005	1										
6996											
7002											
7027											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
7004											
7007											
6994											
7026											
7015					1						
7014											
6995											
7023											
6999											
6997	1										
7010											
7000											
6991											
7031			1								
7020											
7019											
7018											
7008											
7021											
7024											
7025											
7009	1										
7017											
7012											
7016											
6990											
7037											
7030	1										
6987											
6988											
7029	1					1					
7028											
6968										1	
7032											
6989											
6986											
6977											
6984											
6972											
6993											
6976											
6981											
6982											
6983											
6998											
6980											
6985	1										
6978				1							
6979											
6973											
6992							1				
6910			3		1	3				2	
6896											
6888											
6894											
6877											
6885											
6886											
6887											
6883											
6890											
6893											
6895											
6898											
6874											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6880					1						
6903											
6884											
6879											
6897							3				
6899											
6881											
6876											
6919					1						
6922											
6923											
6930a											
6930b											
6951											
6952											
6964											
6955											
6956											
6954											
6960											
6957											
6965											
6959											
6958											
6925			1								
6927											
6931					1						
6928											
6929											
6924			1								
6938											
6941											
6948											
6939											
6953											
6940											
6950											
6935											
6944											
6933											
6943											
6942											
6834											
6858											
6851											
6850											
6846											
6860											
6848											
6857											
6849											
6835											
6847											
6837											
6843											
6836											
7038											
6831											
6852											
6841											
6833											
6840				1	2						
6904											
6832			1							1	
6845											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6892											
6909											
6882											
6902											
6901											
6900											
6875											
6905											
6889											
6861											
6871											
6863											
6866											
6867											
6862											
6869											
6891											
6870					1						
6854											
6872											
6864											
6859							1				
6865											
6868											
6856											
6908											
6873											
6911											
6915											
6917											
6907											
6920										1	
6916											
6914											
6912											
6913											
6918											
6906											
6921				1							
6838											
6853											
6961											
6769											
6796											
6681											
6685											
6803											
6695											
6664											
6812											
6785			1								
6669										1	
6701											
6658											
6679											
6687											
6764	1				1						
6779											
6768				1							
6734											
6736					1					1	
6773											
6792											
6765				1							
6740											

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6672				1							
6808											
6744											
6707											
6675											
6704											
6795											
6800											
6794											
6660											
6787											
6804											
6700											
6788											
6694											
6807											
6677											
6757											
6789											
6801											
6814											
6810											
6842											
6845											
6947											
6797											
6878											
6552											
6811											
6776											
6443											
6802											
6791											
6799											
6818											
6778											
6745			1								
6824											
6439											
6817											
6826											
6550											
6786											
6813											
6805											
6775											
6445											
6798											
6448											
6844											
6828											
6752											
6820											
6771											
6829											
6790											
6793											
6816											
6822											
6823											
6755											
6747											
6821											
6819											
6969			1	2	1				1		

PROV	VMOT 32	VMOT 33	VMOT 34	VMOT 35	VMOT 36	VMOT 37	VMOT 38	VMOT 39	VMOT 40	VMOT 41	VMOT 42
6974			1	1							
6975				2					1		
6970											
6967			1		1						
6966	1			1	1						
6971											
6418											
6417											
6416											
6413											
6411											
6419											
6424											
6426											
6428											
6402											
6403											
6404											
6405											
6410											
6401											
6407											

Table C.19 - El Mogote Ceramics by Gray Bowl Motifs (Part 5)

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6746										
6738										
6729										
6751										
6749										
6728										
6750										
6742										
6758										
6735										
6754										
6753										
6712										
6713										
6739										
6721										
6724										
6699										
6719										
6698										
6659										
6815										
6782										
6774										
6763										
6783										
6767										
6780										
6777										
6766										
6770										
6761										
6762										
6772										
6781										
6697										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6702										
6706										
6710										
6690										
6693										
6716										
6691										
6692										
6711										
6708										
6714										
6715										
6705										
6703										
6759										
6717										
6718										
6748										
6737										
6733										
6756										
6727										
6741										
6760										
6731										
6732										
6730										
6808										
6784										
6682										
6623										
6628										
6596										
6608										
6625										
6609										
6643										
6676										
6622										
6597										
6684										
6574										
6633										
6634										
6593										
6632										
6598										
6647										
6673										
6663										
6674										
6646										
6661										
6629										
6618										
6638										
6665										
6648										
6621										
6604										
6603										
6606										
6680										
6678										
6670										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6649										
6653										
6627										
6642										
6655										
6667										
6612										
6617										
6626										
6605										
6637										
6602										
6594										
6668										
6671										
6651										
6644										
6615										
6583	1									
6584										
6585										
6582										
6580										
6581										
6587										
6590										
6586										
6591										
6572	1									
6568										
6599										
6566										
6654										
6695										
6600										
6619										
6577										
6611										
6567										
6570										
6569										
6578										
6616										
6575										
6588										
6592										
6579										
6571										
6635										
6624										
6652										
6662										
6645										
6656										
6573										
6639										
6666										
6640										
6641										
6650										
6601										
6589										
6610										
6613										
6614										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6607	1									
6726										
6720										
6725										
6709										
6723										
6576										
6429										
6444										
6438										
6473										
6722										
6504										
6437										
6469										
6458										
6425										
6434										
6462										
6460										
6452										
6464										
6468										
6465										
6509										
6508										
6500										
6453										
6486										
6481										
6507										
6484										
6482										
6463										
6506										
6475										
6432										
6470										
6450										
6446										
6478										
6477										
6487										
6490										
6479										
6502										
6441										
6471										
6657										
6459										
6433										
6466										
6489		1								
6461										
6480										
6472										
6476										
6505										
6501										
6503										
6485										
6440		1								
6541										
6431										
6560										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6538										
6564										
6549										
6540										
6555										
6563										
6543										
6558										
6630										
6561										
6556										
6554										
6553										
6548										
6546										
6436										
6455										
6447										
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6442										
6449										
6457										
6427										
6499										
6492										
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6494										
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6493										
6514										
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6529										
6519										
6530										
6532										
6533										
6531										
6534										
6535										
6536										
6537										
6539										
6542										
6544										
6545										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6547										
6551										
6557										
6559										
6562										
6565										
6421										
6498										
6512										
6414										
6415										
6422										
7013										
7001										
7003										
7006										
7005										
6996			1							
7002										
7027										
7004										
7007				2						
6994										
7026			1							
7015			1							
7014										
6995										
7023										
6999										
6997										
7010				1						
7000										
6991										
7031										
7020										
7019										
7018										
7008				1						
7021										
7024										
7025										
7009										
7017										
7012				1						
7016										
6990										
7037										
7030			1	3						
6987				2						
6988										
7029										
7028				1						
6968										
7032				1						
6989										
6986										
6977										
6984										
6972				1						
6993										
6976										
6981										
6982										
6983				1						
6998										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6980										
6985										
6978										
6979										
6973										
6992										
6910					1	6	2			
6896										
6888										
6894										
6877										
6885										
6886										
6887										
6883										
6890										
6893										
6895										
6898				1						
6874										
6880									1	
6903				1		1				
6884										
6879										
6897								1		
6899						2				
6881										
6876										
6919			2	2					1	
6922										
6923										
6930a										
6930b										
6951										
6952										
6964										
6955										
6956										
6954										
6960										
6957										
6965										
6959										
6958										
6925										
6927										
6931										
6928										
6929										
6924										
6938										
6941										
6948										
6939										
6953										
6940										
6950										
6935										
6944										
6933										
6943									1	
6942										
6834										
6858										
6851										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6850										
6846										
6860										
6848										
6857										
6849										
6835										
6847										
6837										
6843										
6836										
7038										
6831										
6852										
6841										
6833										
6840										
6904										
6832						1				
6845										
6892										
6909										
6882										
6902										
6901										
6900										
6875										
6905										
6889										
6861										
6871										
6863										
6866										
6867										
6862										
6869										
6891										
6870										
6854										
6872										
6864										
6859										
6865										
6868								1	1	
6856										
6908										
6873										
6911										
6915										
6917										
6907										
6920										
6916										
6914										
6912				1					1	
6913									1	
6918										
6906										
6921										
6838										
6853										
6961										
6769										
6796										
6681										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6685										
6803										
6695										
6664										
6812										
6785										
6669						1				
6701										
6658										
6679						1				
6687										
6764										
6779						1				
6768					1	1			2	
6734										
6736										
6773										
6792										
6765										
6740										
6672										
6808										
6744										
6707										
6675										
6704										
6795										
6800										
6794										
6660										
6787										
6804										
6700										
6788										
6694										
6807										
6677										
6757										
6789										
6801										
6814										
6810										
6842										
6845										
6947										
6797										
6878									1	
6552										
6811										
6776										
6443										
6802										
6791										
6799										
6818										
6778										
6745										
6824										
6439										
6817										
6826										
6550										
6786										
6813										
6805										

PROV	VMOT 43	VMOT 44	VMOT 45	VMOT 46	VMOT 47	VMOT 48	VMOT 49	VMOT 50	VMOT 51	VMOT 52
6775										
6445										
6798										
6448										
6844										
6828										
6752										
6820										
6771										
6829										
6790										
6793										
6816										
6822										
6823				1						
6755										
6747										
6821										
6819										
6969										
6974	1									
6975	1									1
6970										
6967					1					
6966	1					1				
6971										
6418										
6417										
6416	1								1	
6413										
6411										
6419								1		
6424										
6426										
6428										
6402										
6403										
6404										
6405										
6410										
6401										
6407										

Table C.20 - El Mogote Ceramics by G12 Types (Part 1)

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6746										
6738										
6729										
6751										
6749										
6728										
6750										
6742										
6758										
6735										
6754										
6753										
6712										
6713										
6739										
6721										

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6724										
6699										
6719										
6698										
6659										
6815										
6782										
6774										
6763										
6783										
6767										
6780										
6777										
6766										
6770										
6761										
6762										
6772										
6781										
6697										
6702										
6706										
6710										
6690										
6693										
6716										
6691										
6692										
6711										
6708										
6714										
6715										
6705										
6703										
6759										
6717										
6718										
6748										
6737										
6733										
6756										
6727										
6741										
6760										
6731										
6732										
6730										
6808										
6784										
6682										
6623										
6628										
6596										
6608										
6625										
6609										
6643										
6676										
6622										
6597										
6684										
6574										
6633										
6634										
6593	1									1

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6632										
6598	1							1		
6647										
6673										
6663										
6674										
6646										
6661										
6629										
6618										
6638										
6665										
6648										
6621										
6604										
6603										
6606										
6680		1						1		
6678										
6670										
6649										
6653										
6627										
6642										
6655										
6667										
6612										
6617										
6626										
6605										
6637										
6602										
6594										
6668										
6671										
6651										
6644										
6615										
6583		1								1
6584										
6585										
6582										
6580										
6581										
6587										
6590										
6586										
6591										
6572										
6568										
6599										
6566										
6654										
6695										
6600										
6619										
6577										
6611										
6567										
6570										
6569										
6578										
6616										
6575										
6588										

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6592										
6579										
6571										
6635										
6624										
6652										
6662										
6645										
6656										
6573										
6639										
6666										
6640										
6641										
6650										
6601										
6589										
6610										
6613										
6614										
6607	1							1		1
6726										
6720										
6725										
6709										
6723										
6576										
6429										
6444										
6438										
6473										
6722										
6504										
6437										
6469										
6458										
6425										
6434										
6462										
6460										
6452										
6464										
6468										
6465										
6509										
6508										
6500										
6453										
6486										
6481										
6507										
6484										
6482										
6463										
6506										
6475										
6432										
6470										
6450										
6446										
6478										
6477										
6487										
6490										
6479										

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6502										
6441										
6471										
6657										
6459										
6433										
6466										
6489										
6461										
6480										
6472										
6476										
6505										
6501										
6503										
6485										
6440										
6541										
6431		1				1				
6560										
6538										
6564										
6549										
6540										
6555										
6563										
6543										
6558										
6630										
6561										
6556										
6554										
6553										
6548										
6546										
6436										
6455										
6447										
6430										
6423										
6420										
6442										
6449										
6457										
6427										
6499										
6492										
6435										
6454										
6494										
6495										
6496										
6497										
6491										
6493										
6514										
6510										
6511										
6513										
6515										
6517										
6516										
6521										
6520										
6522		1								

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6523										
6524		1				1				
6525										
6526										
6527										
6528										
6529										
6519										
6530										
6532										
6533										
6531										
6534										
6535										
6536										
6537										
6539										
6542										
6544										
6545										
6547										
6551										
6557										
6559										
6562										
6565										
6421										
6498										
6512										
6414										
6415										
6422										
7013										
7001										
7003										
7006										
7005										
6996										
7002										
7027										
7004										
7007										
6994										
7026										
7015										
7014										
6995										
7023										
6999										
6997										
7010										
7000										
6991										
7031										
7020										
7019										
7018										
7008										
7021		1				1				
7024										
7025										
7009										
7017										
7012										
7016										

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6990										
7037										
7030										
6987	1									
6988										
7029										
7028										
6968										
7032										
6989										
6986										
6977										
6984										
6972		1						1		
6993										
6976										
6981										
6982										
6983										
6998										
6980										
6985										
6978										
6979										
6973										
6992										
6910	1									
6896										
6888										
6894										
6877										
6885										
6886										
6887										
6883										
6890										
6893										
6895										
6898										
6874										
6880										
6903										
6884										
6879										
6897										
6899										
6881	1				1					1
6876										
6919										
6922	1									
6923										
6930a										
6930b										
6951										
6952										
6964										
6955										
6956										
6954	1				1					
6960										
6957										
6965										
6959										
6958										
6925	1									

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6927										
6931										
6928										
6929										
6924										
6938	1								1	
6941										
6948										
6939										
6953										
6940										
6950										
6935										
6944										
6933										
6943										
6942										
6834										
6858										
6851										
6850										
6846										
6860										
6848										
6857										
6849										
6835										
6847										
6837	1				1		1			
6843	1						1			
6836										
7038										
6831										
6852										
6841										
6833										
6840										
6904										
6832										
6845										
6892	1									
6909										
6882										
6902										
6901										
6900										
6875										
6905										
6889										
6861										
6871										
6863										
6866										
6867										
6862										
6869										
6891										
6870										
6854										
6872										
6864										
6859										
6865										
6868										
6856										

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6908										
6873										
6911										
6915										
6917										
6907										
6920										
6916										
6914										
6912	3				2					1
6913										
6918										
6906										
6921										
6838										
6853										
6961										
6769										
6796										
6681										
6685										
6803										
6695										
6664										
6812										
6785										
6669										
6701										
6658										
6679										
6687	1				1					
6764										
6779										
6768										
6734										
6736										
6773										
6792										
6765										
6740										
6672										
6808										
6744										
6707										
6675										
6704										
6795										
6800										
6794										
6660										
6787										
6804										
6700										
6788										
6694										
6807										
6677										
6757										
6789										
6801										
6814										
6810										
6842										
6845										
6947										

PROV	V296	V297	V301	V302	V305	V306	V307	V308	V309	V310
6797										
6878										
6552										
6811										
6776										
6443										
6802										
6791										
6799										
6818										
6778										
6745										
6824										
6439										
6817										
6826										
6550										
6786										
6813										
6805										
6775										
6445										
6798										
6448										
6844										
6828										
6752										
6820										
6771										
6829										
6790										
6793										
6816										
6822										
6823										
6755										
6747										
6821										
6819										
6969	13	8		1	7	2	6	3	3	1
6974	1		1					2		
6975	1	4				5				
6970										
6967										
6966	1			1			1			
6971										
6418		1				1				
6417										
6416										
6413		1			1					
6411	1	1				1				
6419		4				1				
6424										
6426										
6428	1	1			1	1		1		
6402										
6403										
6404										
6405										
6410										
6401										
6407										

Table C.21 - El Mogote Ceramics by G12 Types (Part 2)

PROV	V311	V312	V313	V314	V315	V316	V319
6746							
6738							
6729							
6751							
6749							
6728							
6750							
6742							
6758							
6735							
6754							
6753							
6712							
6713							
6739							
6721							
6724							
6699							
6719							
6698							
6659							
6815							
6782							
6774							
6763							
6783							
6767							
6780							
6777							
6766							
6770							
6761							
6762							
6772							
6781							
6697							
6702							
6706							
6710							
6690							
6693							
6716							
6691							
6692							
6711							
6708							
6714							
6715							
6705							
6703							
6759							
6717							
6718							
6748							
6737							
6733							
6756							
6727							
6741							
6760							
6731							
6732							
6730							

PROV	V311	V312	V313	V314	V315	V316	V319
6808							
6784							
6682							
6623							
6628							
6596							
6608							
6625							
6609							
6643							
6676							
6622							
6597							
6684							
6574							
6633							
6634							
6593						1	
6632							
6598					1		
6647							
6673							
6663							
6674							
6646							
6661							
6629							
6618							
6638							
6665							
6648							
6621							
6604							
6603							
6606							
6680					1		
6678							
6670							
6649							
6653							
6627							
6642							
6655							
6667							
6612							
6617							
6626							
6605							
6637							
6602							
6594							
6668							
6671							
6651							
6644							
6615							
6583					1		
6584							
6585							
6582							
6580							
6581							
6587							
6590							
6586							

PROV	V311	V312	V313	V314	V315	V316	V319
6591							
6572							
6568							
6599							
6566							
6654							
6695							
6600							
6619							
6577							
6611							
6567							
6570							
6569							
6578							
6616							
6575							
6588							
6592							
6579							
6571							
6635							
6624							
6652							
6662							
6645							
6656							
6573							
6639							
6666							
6640							
6641							
6650							
6601							
6589							
6610							
6613							
6614							
6607							
6726							
6720							
6725							
6709							
6723							
6576							
6429							
6444							
6438							
6473							
6722							
6504							
6437							
6469							
6458							
6425							
6434							
6462							
6460							
6452							
6464							
6468							
6465							
6509							
6508							
6500							

PROV	V311	V312	V313	V314	V315	V316	V319
6453							
6486							
6481							
6507							
6484							
6482							
6463							
6506							
6475							
6432							
6470							
6450							
6446							
6478							
6477							
6487							
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6476							
6505							
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6503							
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6492							

PROV	V311	V312	V313	V314	V315	V316	V319
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7003							
7006							
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7002							
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7004							
7007							
6994							
7026							
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7014							
6995							

PROV	V311	V312	V313	V314	V315	V316	V319
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6997							
7010							
7000							
6991							
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7018							
7008							
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7025							
7009							
7017							
7012							
7016							
6990							
7037							
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6987					1		
6988							
7029							
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6968							
7032							
6989							
6986							
6977							
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6972					1		
6993							
6976							
6981							
6982							
6983							
6998							
6980							
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6910	1				1		
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6894							
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6886							
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6890							
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6895							
6898							
6874							
6880							
6903							
6884							
6879							
6897							
6899							
6881							

PROV	V311	V312	V313	V314	V315	V316	V319
6876							
6919							
6922		1					
6923							
6930a							
6930b							
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6952							
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6931							
6928							
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6924							
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6840							
6904							
6832							
6845							
6892			1				
6909							
6882							
6902							
6901							
6900							
6875							

PROV	V311	V312	V313	V314	V315	V316	V319
6905							
6889							
6861							
6871							
6863							
6866							
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6869							
6891							
6870							
6854							
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6864							
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6856							
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6873							
6911							
6915							
6917							
6907							
6920							
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6914							
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6913							
6918							
6906							
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6685							
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6669							
6701							
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6779							
6768							
6734							
6736							
6773							
6792							
6765							
6740							
6672							
6808							
6744							
6707							
6675							
6704							
6795							

PROV	V311	V312	V313	V314	V315	V316	V319
6800							
6794							
6660							
6787							
6804							
6700							
6788							
6694							
6807							
6677							
6757							
6789							
6801							
6814							
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6776							
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6805							
6775							
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6828							
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6771							
6829							
6790							
6793							
6816							
6822							
6823							
6755							
6747							
6821							
6819							
6969					7	3	
6974					2		
6975	1				3		1
6970							
6967							
6966					1		
6971							
6418							

PROV	V311	V312	V313	V314	V315	V316	V319
6417							
6416							
6413	1			1	1		
6411					1		1
6419					3		
6424							
6426							
6428					1		
6402							
6403							
6404							
6405							
6410							
6401							
6407							

Table C.22 - El Mogote Ceramics by Café Forms (Part 1)

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6746	7	1				2	4					
6738						1	3	1				
6729	1						1					
6751	1			1	1						1	1
6749		1					2					
6728				1		1						
6750	1						2					
6742	2					1	4					
6758	1				1	3	3					
6735	1			1								
6754						1	1					
6753												
6712				1	1		4	2				
6713					4	2						
6739					2	1	2		1			1
6721							3					
6724	1						1					
6699	1			1			3					
6719							3					
6698							3					
6659							1					
6815	1											
6782			1									
6774	1	1					1	1				
6763												
6783												
6767	1											
6780	1											
6777							1					
6766												
6770												
6761	1			1							1	
6762	1											
6772							1					
6781	1				1		1					
6697												
6702					1							
6706	1				1		2					
6710							2			1		
6690							1					
6693	1				8							
6716												
6691							1			1		
6692												

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6711												
6708												
6714												
6715		1										
6705							1					
6703												
6759					1							
6717												
6718												
6748					2					1		
6737					1		1					
6733	1						1					
6756					1							
6727					1							
6741												
6760						1						
6731												
6732												
6730							1					
6808												
6784	1						2					
6682												
6623												
6628												
6596							1					
6608												
6625												1
6609												
6643	1											
6676							1					
6622	1	1					2					
6597					1		1					
6684							2					
6574					1							
6633												
6634												
6593												
6632												
6598												
6647												
6673	1											
6663												
6674												
6646												
6661											1	
6629				1								
6618												
6638									1			
6665							1					
6648				1			2					
6621												
6604							1					
6603							2					
6606												
6680		1					1					
6678							1					
6670					1		2					
6649												
6653												
6627							1					
6642							2					
6655												
6667												
6612												
6617							2					

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6626					2							
6605												
6637					2		1					
6602							2					
6594												
6668											1	
6671												
6651							1					
6644												
6615							1	1				
6583	1						1			1		
6584	1						1					
6585												
6582												
6580							1					
6581												
6587					1		2					
6590												
6586												
6591	1											
6572												
6568												
6599							1					
6566							1					
6654												
6695					1		1					
6600												
6619							1					
6577							1					
6611												
6567												
6570	1						1					
6569	1											
6578					1		1					
6616												
6575							1					
6588							1					
6592												
6579												
6571							1					
6635					1							
6624											1	
6652												
6662												
6645												
6656												
6573												
6639							1					
6666												
6640												
6641												
6650												
6601							1					
6589												
6610												
6613												
6614				1								
6607												
6726					1		1					
6720					1		2					
6725		1				1	1		1			
6709												
6723						1	2					
6576							1					
6429												

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6444												
6438							1					
6473				1		1						
6722												
6504												
6437								1				
6469												
6458				1								
6425												
6434							1					
6462	2											
6460	2											
6452					2							
6464	1											
6468	1				2		1					
6465												
6509	1											
6508							1					
6500												
6453							1					
6486							1					
6481							1					
6507					1	1	1					
6484	1										1	
6482												
6463	2						1					1
6506												
6475	1						1					
6432	1											
6470											1	
6450												
6446												
6478												
6477												
6487	1											
6490							1					
6479	1											
6502												
6441												
6471												
6657	1											
6459	1											
6433												1
6466							1					
6489								1				
6461												
6480												
6472	1											
6476				1			1					
6505												
6501												
6503							1					
6485							1					
6440	1						1					
6541												
6431	1											
6560												
6538	1											
6564	1						2		1			
6549												
6540							1					
6555							1					
6563	1						1					
6543							2					
6558							2					

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6630												
6561												
6556							2					
6554							1					
6553												
6548												
6546							1	1				
6436		1										
6455												
6447												
6430												
6423												
6420				1								
6442							1					
6449							1					
6457							1					
6427								1				
6499							1					
6492					1		1					
6435												
6454					1	1						
6494												
6495		1						1				
6496							1					
6497												
6491												
6493												
6514												
6510							1					
6511												1
6513							1					
6515							1		1			
6517												
6516		1										
6521											1	
6520												
6522												
6523							2					
6524												
6525							1					
6526							1					
6527												
6528												
6529							1					
6519					1							
6530	1											
6532												
6533												
6531						1	1					
6534												
6535												
6536							2					
6537							1					
6539												1
6542												
6544												
6545												
6547					1							
6551						1						
6557												
6559												
6562							1					
6565							1					
6421												
6498	1						4		1			

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6512					1	1						2
6414						1						
6415												
6422					1		2					
7013												
7001												
7003	1						1					
7006						1	3					
7005	3				5		8					
6996	3				1	2	3					
7002	2					2	1					
7027	4					2	8					1
7004					1		2					
7007						2	2		1			
6994	1						3					
7026	2	1			1	3	10					1
7015	5					3	24		1			1
7014	6		1			3	13		1			
6995												
7023	3				2	3	4					1
6999						3	7					
6997	2				2		4					
7010	14	4				6	24		1			1
7000	6	1				3	25					
6991	1						2		1			
7031	13				7	8	45					3
7020												
7019	2						1					
7018	2						1					
7008	2	1			2	4	13					
7021		1					2					
7024	2											
7025				1			3					
7009	4					2	3					1
7017	2						2					
7012	1					1	9					1
7016							1					
6990							1					
7037												
7030	39	6			9	15	52		6		4	1
6987	10	2			10	6	39					
6988	9	5			3	6	35		3			
7029	13	2			3	7	19		1			
7028	5	2			1	6	20					
6968	19				4	9	37					
7032	14				2	4	19					
6989												
6986		1					4					1
6977	2				1	2	9		1			1
6984	4				1	1	24					1
6972	3					1	9					
6993					1		4					
6976	2						3					
6981					1	1	11					
6982	1				1		3					
6983	2											
6998	2						6					
6980	2					1	1					
6985												1
6978							2					
6979					1	1	1					
6973					1							
6992												
6910	7				2	10	31		4			1
6896	1						3					

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6888						1	6					
6894	1							1				
6877						2	9					
6885	1					1						
6886							5					
6887												
6883							2					
6890	1				1		2					
6893					1							
6895							3					
6898					1				1			
6874	1				4	1	7					1
6880	2				1	2	1					
6903						3	5					1
6884							2					
6879	1				1		3					1
6897	3			1	2	2	6	1	1			1
6899	5	1				2	13	1				1
6881						1						1
6876	1						1					1
6919	4	1			4	1	10					1
6922	2				1		1					
6923							1					
6930a							1					
6930b	1				1	1	2					
6951												
6952												
6964												
6955		1										
6956												
6954	1						1					
6960												1
6957							2					
6965						1						
6959	1				1							
6958	1											
6925												
6927					2							
6931												
6928					1		1					
6929	1				1	3	3					1
6924	4					4	1					1
6938							1					
6941					1							
6948												
6939												
6953							1					
6940												
6950												
6935	1				1		2					
6944		1										
6933	1				1	1						
6943												
6942	1											
6834	1						1					
6858												
6851							3					
6850												
6846	1					2	4					
6860		1					1		1			
6848	2						2					1
6857	3						1					
6849	1					1	1					
6835	4					1	10					
6847	4						5					

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6837	2						2					
6843	6					1	6					2
6836							4					
7038	1						1					
6831												
6852												
6841	1				3	1	2					
6833	2				1		2					
6840	2					1	6					1
6904							3					
6832	4						5					
6845							5					
6892	1						5					
6909	1						2					
6882	1					4	5					
6902	2						2					
6901					1		3					1
6900	1				2	2	4					
6875												
6905												
6889	2				1		2					
6861	1	1			2	1						
6871	2				1		3					
6863	1						1					
6866						1	3					
6867	2					2	2					
6862	1											
6869							4					
6891	6				2		4					
6870							4					1
6854	2						2					1
6872	3				1	1	1					4
6864												
6859					1		3					
6865	2						4					1
6868	3	1			1	1	2					
6856	2			1			3					
6908						1	1					
6873						1	1					
6911	1					3	6					
6915												
6917							1					
6907	1											
6920	1				3		1		1			
6916					2		2					
6914					1	1	1					
6912	1				2		5					
6913			1	1		2	2					
6918						1						
6906												
6921					1	1	1					
6838	3						6					
6853						1	3					1
6961					3	1	5					
6769	1					1	1					
6796	2						3					
6681				1			2					
6685	1						1					
6803												
6695	2											
6664	1											
6812	2						1					
6785		1			1							
6669												
6701							2					

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6658	1											
6679	1						4					
6687	3						2					
6764	1				1		2					1
6779	2						3					
6768	1				1		2					
6734												1
6736												
6773	2				1	1	4					
6792												
6765	3				1							
6740					1		2					
6672	1				1		4					
6808							1					
6744												
6707							1					1
6675	1				1		1					
6704						1	1					1
6795						1	2					
6800												
6794												
6660							2					
6787	3						2					
6804							1					
6700	1											1
6788	1											1
6694	1											
6807		1										
6677							1					
6757												
6789							1					
6801												
6814												
6810												
6842	1											
6845	5											
6947												
6797												
6878												1
6552					1	1						
6811												
6776							1					
6443						1	1					
6802							1					
6791							1					
6799	1	1										
6818							1					
6778						1						
6745												
6824												
6439												
6817												
6826												
6550							1					
6786						1						
6813												
6805												
6775												
6445												
6798												
6448												
6844					1		1					
6828								1				
6752							5					
6820												

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V334	V335	V336
6771							1					2
6829												
6790												1
6793							2					
6816					1							
6822	8									2		2
6823							2					
6755					3					4		2
6747	1											1
6821												
6819										1		
6969	12					2	9					
6974	5	1										
6975	8						5					
6970							2					
6967	2				1		5					1
6966	7						5					
6971												
6418	4						2					
6417	2						2					
6416	2											
6413		1										
6411	1	1					1					
6419	1						2					
6424	1						3					
6426							1					
6428							4					
6402												
6403												
6404							1					
6405												
6410												
6401							1					
6407					1							

Table C.23 - El Mogote Ceramics by Café Forms (Part 2)

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6746		1			1				
6738		1							
6729			1						
6751								1	
6749		1							
6728			1						
6750									
6742									
6758						1			
6735									
6754			1						
6753									
6712	3	3							
6713			1						
6739							1		
6721		2							
6724									
6699									
6719									
6698		1							
6659	1								
6815		1							
6782									
6774									
6763									

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6783					1				
6767	2								
6780									
6777									
6766	2								
6770									
6761									
6762					1				
6772									
6781	1				2				
6697	1								
6702									
6706	1								
6710									
6690									
6693					1				
6716					1				
6691	1								
6692									
6711	1						1		
6708	1								
6714									
6715									
6705									
6703					1				
6759									
6717									
6718									
6748									
6737	2				1		1		
6733	1								
6756									
6727									
6741									
6760						1			
6731									
6732									
6730		1							
6808	1								
6784									
6682									
6623									
6628	1								
6596						1			
6608									
6625							1		
6609									
6643									
6676			1						
6622									
6597									
6684									
6574		1			1				
6633									
6634									
6593									
6632	1								
6598					1				
6647									
6673									
6663									
6674			1						
6646									
6661									
6629									

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6618									
6638									
6665									
6648									
6621									
6604									
6603									
6606									
6680	1								
6678		1							
6670	1								
6649	1								
6653									
6627									
6642					1				
6655	1								
6667									
6612									
6617									
6626									
6605		1							
6637	3								
6602									
6594		1							
6668									
6671							1		
6651									
6644									2
6615									
6583									
6584									
6585			1						
6582									
6580									
6581									
6587					1				
6590	3					1			
6586									
6591									
6572	1								
6568	2				1				
6599									
6566									
6654									
6695									
6600									
6619		1							
6577	3					1			
6611									
6567	3								
6570									
6569									
6578		1							
6616									
6575									
6588	1								
6592									
6579									
6571									
6635	1								
6624	1								
6652									
6662	1								
6645									
6656									

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6573									
6639	4								
6666									
6640									
6641	1								
6650	3								
6601									
6589					1				
6610									
6613	1								
6614									
6607									
6726									
6720									
6725	1								
6709					1				
6723									
6576									
6429									
6444					1				
6438									
6473									
6722					1				
6504									
6437									
6469									
6458	1								
6425									
6434									
6462	1	1	1						
6460	1	1							
6452			1						
6464	1								
6468	1								
6465									
6509									
6508	1								
6500	1								
6453	1								
6486		1							
6481									
6507									
6484	1								
6482									
6463									1
6506	3		1						
6475	3								
6432									
6470									
6450		1							
6446									
6478									
6477									
6487		1							
6490									
6479	1								
6502									
6441									
6471									
6657	5								
6459									
6433							1		
6466									
6489									
6461									

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6480									
6472									
6476									
6505									
6501									
6503									
6485									
6440									
6541									
6431	1								
6560									
6538									
6564									
6549									
6540									
6555	3								
6563	1								
6543									
6558					1				
6630	1								
6561									
6556	2								
6554	2								
6553	1								
6548	1								
6546	2								
6436									
6455	1								
6447									
6430	1								
6423									
6420	4								
6442		1							
6449	1								
6457	1								
6427	1								
6499									
6492									
6435									
6454	1	1							
6494									
6495									
6496									
6497									
6491									
6493									
6514									
6510	1		1						
6511								1	
6513		2							
6515	1								
6517	1								
6516									
6521		1							
6520	1								
6522									
6523	1								
6524									
6525	1								
6526									
6527									
6528	2								
6529	1								
6519	1								
6530									

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6532	1								
6533									
6531	2								
6534						1			
6535	1								
6536									
6537	5								
6539							1		
6542									
6544	1								
6545									
6547									
6551									
6557									
6559	1	1							
6562									
6565	1								
6421									
6498	7					1			
6512	2						2		
6414	6	1							
6415									
6422									
7013						1			
7001									
7003		1							
7006		1							
7005		2				1			
6996	1								
7002		3							
7027		1			1		2		
7004									
7007									
6994	1								
7026		1					1		
7015	2	7					1		
7014	1	1			1		1		
6995		1							
7023		1							1
6999		2							
6997									
7010		6			6	3	1		
7000	2	2			1	2			
6991									
7031		9	6		7	1	2		1
7020									
7019									
7018									
7008		5	1		3				
7021									
7024									
7025									
7009		2					1		
7017						1			
7012		1					1		
7016					1	1			
6990		1							
7037									
7030	2	16	7		5		1		
6987	3	12	4		5				
6988					2	1			
7029	1	4	11		9				
7028	1	8	3		2				
6968		6	3		4	1			
7032	1	2	7		1				

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6989									
6986					1		1		
6977	1	2			1		1		
6984	1	1			2	1		1	
6972	2	2	1						
6993									
6976									
6981					1				
6982	1				1				
6983					1				
6998									
6980									
6985	1						1		
6978									
6979									
6973									
6992									
6910		9	7		6	2	4		
6896									
6888									
6894	2								
6877	6	2	1						
6885		2							
6886				1	1				
6887									
6883					1				
6890	1								
6893	1			1					
6895									
6898	1		2		2				
6874				1	1		1		
6880		2	3		2				
6903	2	2	1				1		
6884									
6879		6			1	1	1		
6897							1		
6899		5	2		7		1		
6881	3	1						1	
6876							1		
6919		5	7		3	1		1	
6922	1	1							
6923					1				
6930a				1					
6930b									
6951		1							
6952	2								
6964									
6955									
6956					1				
6954		2							
6960									1
6957	3				2				
6965									
6959		1							
6958									
6925									
6927		2							
6931									
6928									
6929		2		2	2		1		
6924		1					1		
6938	1								
6941				1					
6948									
6939					1				

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6953									
6940									
6950	3	1				1			
6935	2			1					
6944		1							
6933									
6943									
6942	1								
6834	1			1					
6858									
6851	3								
6850									
6846	3	1	2		2				
6860									
6848			1				1		
6857		1							
6849									
6835	8	3							
6847		1			1				
6837			1						
6843	3			1			1	1	
6836									
7038									
6831									
6852									
6841		2	1		1				
6833	1		1						
6840		1			3			1	
6904									
6832	5	1			1				
6845	1				2				
6892	4	1	1		1				
6909		1							
6882		2	5		3				
6902		1	2		1				
6901		1			2		1		
6900					1				
6875				1					
6905		1							
6889		2			1				
6861			2		2				
6871				1					
6863	1		1	1					
6866	1		2						
6867	2	1							
6862					1				
6869									
6891	2	4	2		4	1			
6870		1			1		1		
6854	4			1				1	
6872	1		2				3	1	
6864	2			2					
6859	1				2				
6865			1	1			1		
6868	1		1						
6856	1								
6908	1	1							
6873	3	1							
6911	2	3	2		2				
6915		1							
6917									
6907									
6920					1				
6916	1								
6914					1				

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6912	4				1				
6913	1								
6918									
6906									
6921									
6838	3				1				
6853	2	1					1		
6961									
6769					2				
6796									
6681		1							
6685									
6803	1	1							
6695		2		1					
6664									
6812									
6785				1					
6669			1						
6701									
6658			1						
6679			2		1				
6687									
6764	2		1		3		1		
6779	1	1							
6768					2				
6734			1		1		1		
6736									
6773				1					
6792		1		1					
6765									
6740									
6672									
6808		1	2		3				
6744									
6707		1					1		
6675	2								
6704								1	
6795	1								
6800									
6794									
6660									
6787									
6804			1						
6700		1					1		
6788								1	
6694									
6807			3						
6677									
6757									
6789									
6801									
6814									
6810									
6842					1				
6845					1				
6947	6								
6797	1				1				
6878							1		
6552									
6811									
6776									
6443									
6802									
6791									
6799									

PROV	V337	V338	V339	V340	V341	V342	V345	V346	V347
6818									
6778									
6745									
6824									
6439		1							
6817									
6826									
6550									
6786					1				
6813									
6805	1								
6775									
6445									
6798									
6448									
6844									
6828									
6752									
6820	3			1					
6771								1	1
6829									
6790								1	
6793	1								
6816									
6822	2	1					1	1	
6823		1							
6755								2	
6747		1						1	
6821									
6819									
6969	1	1			2				
6974		2	1		3				
6975		2							
6970									
6967		1	1					1	
6966		1	3		6				
6971									
6418			3		2				
6417			4						
6416			3						
6413									
6411			2						
6419									
6424									
6426									
6428									
6402									
6403									
6404									
6405									
6410									
6401									
6407									

Table C.24 - El Mogote Ceramics by Crema Forms (Part 1)

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6746											
6738											
6729											
6751											
6749											
6728											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6750											
6742											
6758											
6735											
6754											
6753											
6712											
6713											
6739											
6721											
6724											
6699											
6719											
6698											
6659											
6815				4							
6782											
6774				1							
6763											
6783											
6767											
6780	1					1					
6777											
6766											
6770											
6761											
6762											
6772											
6781											
6697											
6702											
6706											
6710											
6690											
6693											
6716											
6691											
6692											
6711											
6708											
6714											
6715											
6705											
6703											
6759											
6717											
6718											
6748											
6737											
6733											
6756											
6727											
6741											
6760											
6731											
6732											
6730											
6808											
6784											
6682											
6623		1				1					
6628											
6596											
6608											
6625		1									1

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6609											
6643											
6676											
6622	1		1								
6597	1										
6684											
6574											
6633											
6634											
6593											
6632											
6598											
6647											
6673											
6663											
6674											
6646											
6661											
6629											
6618											
6638											
6665											
6648											
6621											
6604											
6603											
6606											
6680											
6678											
6670											
6649											
6653											
6627											
6642											
6655											
6667											
6612											
6617											
6626											
6605											
6637											
6602											
6594											
6668		1									
6671	1	1									
6651		3									
6644											
6615											
6583											
6584											
6585	1										
6582											
6580											
6581											
6587											
6590											
6586											
6591						1					
6572											
6568											
6599	1	1									
6566		1									
6654											
6695											
6600											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6619											
6577											
6611											
6567											
6570											
6569		1									
6578	1										
6616											
6575											
6588	1										
6592		1									
6579											
6571											
6635	1										
6624	1										
6652											
6662											
6645											
6656				1							
6573											
6639											
6666											
6640	1										
6641											
6650											
6601											
6589											
6610											
6613											
6614		3					1				
6607											
6726											
6720											
6725											
6709											
6723											
6576											
6429	1										
6444											
6438											
6473								1			
6722		2									
6504											
6437											
6469				1					1		
6458		1									
6425											
6434											
6462											
6460											
6452		1									
6464											
6468						1	1				
6465											
6509		2		1							
6508											
6500											
6453						1	1				
6486											
6481											
6507											
6484											
6482											
6463											
6506											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6475											
6432											
6470											
6450				1							
6446											
6478											
6477											
6487											
6490											
6479											
6502											
6441		2									
6471											
6657	1	1									
6459		1									
6433											
6466		1									
6489		2									
6461											
6480											
6472		1									
6476											
6505											
6501											
6503											
6485											
6440											
6541		1					1				
6431									2		
6560											
6538									2		
6564		1									
6549											
6540											
6555		1									
6563											
6543											
6558											
6630											
6561											
6556											
6554											
6553											
6548											
6546											
6436											
6455											
6447	2										
6430		1									
6423											
6420											
6442											
6449			1						1		
6457		2									
6427											
6499		1									
6492						1					
6435											
6454											
6494											
6495											
6496											
6497											
6491											
6493											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6514											
6510									1		
6511		1					1				
6513											
6515											
6517											
6516											
6521											
6520		1									
6522											
6523											
6524				1							
6525											
6526											
6527											
6528											
6529											
6519											
6530											
6532	1										
6533											
6531											
6534											
6535											
6536											
6537	2										
6539											
6542											
6544											
6545											
6547											
6551											
6557											
6559											
6562		1									
6565											
6421											
6498											
6512						1					
6414											
6415											
6422											
7013											
7001											
7003	1			1							
7006											
7005	1			1							
6996						1					
7002											
7027		1		1							
7004											
7007											
6994											
7026											
7015			1								
7014											
6995											
7023											
6999						1					
6997											
7010		1					1		1		
7000											
6991					1						
7031											
7020											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
7019											
7018	1										
7008		2									
7021		1					1				
7024											
7025				1							
7009				1							
7017											
7012											
7016											
6990											
7037											
7030						2	1				
6987											
6988				1					1		
7029											
7028				1							
6968									1		
7032				1		1					
6989											
6986			1								
6977											
6984											
6972							1				
6993											
6976											
6981											
6982		2									
6983					1						
6998											
6980											
6985											
6978											
6979											
6973											
6992						1					
6910		1		2		1					
6896											
6888											
6894											
6877						1					
6885		1		2							
6886											
6887											
6883		1									
6890	1			1							
6893											
6895											
6898											
6874	2										
6880											
6903	1										
6884	1	3				2					
6879		2		3		5	1				
6897				2		1					
6899											
6881											
6876						1					
6919				1							
6922				6							
6923											
6930a											
6930b											
6951							1				
6952						2					

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6964											
6955				1							
6956											
6954											
6960				1			1				
6957											
6965						1					
6959											
6958											
6925											
6927											
6931											
6928											
6929				2							
6924											
6938											
6941											
6948											
6939											
6953				1							
6940											
6950									1		
6935											
6944											
6933											
6943											
6942											
6834	1										
6858											
6851				1							
6850											
6846	3			3							
6860											
6848	1										
6857											
6849				1		1					
6835						3					
6847	3										
6837				2							
6843				5							
6836											
7038											
6831	1										
6852											
6841											
6833				1							
6840	7			3		2	2				
6904											
6832	1					1	2				
6845	1			1							
6892											
6909											
6882											
6902				1							
6901											
6900											
6875											
6905											
6889											
6861	1										
6871											
6863											
6866											
6867											
6862											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6869	1										
6891				1							
6870											
6854	2										
6872				1							
6864											
6859											
6865											
6868				2		1					
6856				1							
6908	1			1							
6873											
6911											
6915											
6917											
6907											
6920				1							
6916											
6914											
6912											
6913				1							
6918											
6906											
6921											
6838	1										
6853											
6961				1							
6769											
6796											
6681											
6685											
6803											
6695											
6664											
6812											
6785											
6669											
6701											
6658											
6679											
6687											
6764				2							
6779											
6768	1										
6734				1							
6736											
6773											
6792				2							
6765											
6740	1										
6672											
6808											
6744											
6707											
6675											
6704											
6795											
6800											
6794											
6660											
6787											
6804											
6700											
6788											
6694											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6807											
6677											
6757											
6789											
6801											
6814											
6810											
6842				1							
6845											
6947				1							
6797											
6878				1							
6552											
6811											
6776											
6443											
6802											
6791											
6799											
6818											
6778											
6745											
6824											
6439											
6817											
6826											
6550											
6786											
6813											
6805											
6775											
6445											
6798											
6448											
6844											
6828											
6752											
6820											
6771											
6829											
6790											
6793											
6816											
6822											
6823				1							
6755											
6747											
6821											
6819											
6969	1						1				
6974			1	1				1			
6975						2					
6970											
6967				1							
6966	1										
6971											
6418		1									
6417											
6416											
6413											
6411	1		1							1	
6419											
6424	2										
6426											
6428											

PROV	V351	V352	V353	V354	V355	V356	V357	V358	V359	V360	V361
6402											
6403											
6404											
6405											
6410											
6401											
6407											

Table C.25 - El Mogote Ceramics by Crema Forms (Part 2)

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6746									
6738									
6729									
6751									
6749									
6728	1	1			1				
6750									
6742									
6758									
6735									
6754									
6753									
6712									
6713									
6739									
6721									
6724									
6699									
6719									
6698	1								
6659	1							1	
6815									
6782									
6774	1							2	
6763							1		
6783									
6767									
6780									
6777									
6766									
6770									
6761									
6762									
6772									
6781									
6697									
6702									
6706									
6710									
6690									
6693									
6716									
6691									
6692									
6711									
6708									
6714									
6715									
6705									
6703									
6759									
6717									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6718									
6748									
6737	1								
6733	2								
6756									
6727									
6741									
6760									
6731									
6732									
6730									
6808									
6784									
6682									
6623									
6628									
6596									
6608									
6625									
6609									
6643									
6676									
6622								1	
6597									
6684									
6574	1					1			
6633									
6634									
6593									
6632									
6598									
6647						1			
6673						1			
6663						1			
6674						1			
6646						1			
6661									
6629									
6618									
6638									
6665									
6648								1	
6621									
6604									
6603									
6606									
6680									
6678					2				
6670									
6649									
6653									
6627									
6642									
6655			1						
6667									
6612									
6617									
6626	3					2			
6605									
6637						2			
6602									
6594							1		
6668	2								
6671	1				2				
6651		1							

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6644	1								
6615									
6583						1			
6584									
6585									
6582									
6580									
6581									
6587									
6590									
6586									
6591									
6572		1					1		
6568							1		
6599									
6566							1		
6654									
6695									
6600	1								
6619									
6577	1	1							
6611									
6567									
6570									
6569									
6578									
6616									
6575									
6588									
6592									
6579	1								
6571									
6635							1		
6624									
6652								1	
6662		1							
6645									
6656	1								
6573									1
6639									
6666									
6640									
6641									
6650									
6601		2							
6589									
6610		2							
6613									
6614									
6607									
6726									
6720									
6725									
6709									
6723									
6576									
6429									
6444									
6438	1		1	1	3				
6473									
6722									
6504									
6437									
6469									
6458									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6425									
6434									
6462								1	
6460									
6452									
6464									
6468									
6465									
6509		1							
6508		1						1	
6500									
6453									
6486									
6481									
6507									
6484									
6482									
6463		3						1	
6506	2								
6475	1	1							
6432									
6470		1						1	
6450									
6446									
6478									
6477									
6487									
6490									
6479									
6502									
6441									
6471									
6657	1	3							
6459									
6433									
6466									
6489	1							1	
6461									
6480	1								
6472									
6476								2	
6505									
6501									
6503									
6485									
6440									
6541									
6431									
6560									
6538									
6564									
6549									
6540									
6555									
6563									
6543									
6558									
6630									
6561									
6556									
6554									
6553									
6548	1	1							
6546									
6436									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6455									
6447								1	
6430									
6423									
6420									
6442									
6449	1								
6457	1	1							
6427									
6499					1				
6492									
6435									
6454									
6494									
6495									
6496									
6497									
6491									
6493									
6514									
6510									
6511									
6513									
6515									
6517									
6516	1								
6521									
6520									
6522									
6523									
6524									
6525									
6526									
6527									
6528									
6529									
6519									
6530									
6532									
6533									
6531									
6534									
6535					1				
6536									
6537									
6539									
6542	1								
6544									
6545									
6547									
6551									
6557									
6559									
6562									
6565									
6421									
6498									
6512									
6414									
6415									
6422									
7013									
7001									
7003									
7006									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
7005									
6996	1								
7002									
7027					1				
7004									
7007									
6994									
7026									
7015		1							
7014									
6995									
7023									
6999									
6997									
7010									
7000			1						
6991									
7031	1	1	1						
7020									
7019									
7018									
7008									
7021									
7024	1								
7025									
7009									
7017									
7012									
7016									
6990									
7037									
7030									
6987		1							
6988	2								
7029									
7028									
6968					2				
7032									
6989									
6986									
6977									
6984									
6972	1	1							
6993									
6976								1	
6981	1								
6982									
6983									
6998									
6980		1							
6985									
6978									
6979									
6973									
6992									
6910	1	1							
6896									
6888									
6894									
6877							1		
6885									
6886									
6887									
6883	1					2			
6890									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6893							1		
6895					2				
6898									
6874								1	
6880									
6903	2								
6884									
6879	2				1				
6897									
6899									
6881									
6876									
6919	3								
6922	1								
6923									
6930a									
6930b									
6951	1	1							
6952									
6964									
6955									
6956									
6954									
6960									
6957									
6965									
6959									
6958									
6925									
6927									
6931									
6928									
6929									
6924			1						
6938									
6941	1								
6948									
6939									
6953									
6940									
6950									
6935	1								
6944									
6933									
6943									
6942									
6834								1	
6858									
6851									
6850									
6846	1	2							
6860					1				
6848									
6857								1	
6849									
6835	1				1				
6847	3	1							
6837									
6843	2	1							
6836									
7038									
6831									
6852									
6841									
6833									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6840	1								
6904									
6832									
6845									
6892									
6909									
6882									
6902									
6901									
6900									
6875									
6905									
6889									
6861									
6871									
6863									
6866						1			
6867									
6862									
6869									
6891					1				
6870									
6854									
6872									
6864									
6859									
6865	1	1							
6868					8	1			
6856									
6908	1								
6873									
6911									
6915									
6917									
6907									
6920	1								
6916									
6914									
6912									
6913									
6918					1				
6906									
6921									
6838									
6853									
6961									
6769									
6796									
6681									
6685									
6803									
6695									
6664									
6812									
6785									
6669									
6701									
6658									
6679									
6687									
6764									
6779									
6768									
6734	1								
6736									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6773									
6792									
6765									
6740	1								
6672	1								
6808									
6744									
6707	1								
6675									
6704					1				
6795									
6800									
6794									
6660									
6787									
6804									
6700									
6788					1				
6694									
6807									
6677									
6757									
6789									
6801									
6814									
6810									
6842	1								
6845	2	3			4				
6947									
6797									
6878									
6552									
6811									
6776									
6443									
6802									
6791									
6799									
6818									
6778									
6745									
6824									
6439									
6817									
6826									
6550									
6786									
6813									
6805									
6775									
6445									
6798									
6448									
6844									
6828									
6752									
6820									
6771									
6829									
6790									
6793									
6816									
6822									
6823									
6755									

PROV	V362	V363	V364	V365	V366	V367	V368	V369	V370
6747									
6821									
6819									
6969	2								
6974	1				1				
6975									
6970									
6967									
6966									
6971									
6418									
6417									
6416									
6413									
6411									
6419									
6424									
6426									
6428									
6402									
6403									
6404									
6405									
6410									
6401									
6407									

Appendix D – El Palenque Ceramic Data

Table D.1 - El Palenque Ceramics by Paste

Area	PROV	V101	V102	V103	V104	V105	V106	V107	V108	V109	V110	VLG
Area X	EP-7104	14	285	13	1							
Area X	EP-7107	15	100	14	1							
Area X	EP-7078	11	180	9	2							
Area X	EP-7077	45	335	38	7							
Area X	EP-7101	28	385	27	1							
Area X	EP-7074	29	400	26	2	1						
Area X	EP-7065	13	130	8	5							
Area X	EP-7103	14	210	12	1							
Area X	EP-7062	18	16		2							
Area X	EP-7063	8	45	5	3							
Area X	EP-7076	5	60	5								
Area X	EP-7071	0										
Area X	EP-7075	2	10	2								
Area X	EP-7064	2	15	2								
Area X	EP-7056	24	250	21	3							
Area X	EP-7058	6	45	5	1							
Area X	EP-7057	27	280	21	6							
Area X	EP-7061	11	75	7	4							
Area X	EP-7050	63	920	40	19	4						
Area X	EP-7055	8	80	8								
Area X	EP-7052	25	170	22	3							
Area X	EP-7048	42	470	30	6	6						
Area X	EP-7059	81	875	57	18	6						
Area X	EP-7067	23	605	20	3							
Area X	EP-7094a	10	155	10								
Area X	EP-7094b	16	485	11	5							
Area X	EP-7066	16	310	13	3							
Area X	EP-7073	83	1225	72	11							
Area X	EP-7094	62	1310	48	11	3						
Area X	EP-7047	57	1320	28	29							
Area X	EP-7072	46	930	28	18							
Area X	EP-7100	64	975	51	13							
Area X	EP-7102	9	95	8	1							
Area X	EP-7106	12	220	8	4							
Area X	EP-7091	60	2960	49	11							
Area X	EP-7098	131	2695	95	36							
Area X	EP-7093	89	1960	63	26							
Area X	EP-7135	1	200		1							
Area X	EP-7118	48	625	43	5							
Area X	EP-7095	35	715	33	2							
Area X	EP-7134	4	475		4							
Area X	EP-7128	14	460	11	3							
Area X	EP-7136	20	480	13	7							
Area X	EP-7130	5	345	5								
Area X	EP-7131	41	835	33	8							
Area X	EP-7116	21	240	19	2							
Area X	EP-7089	22	355	19	3							
Area X	EP-7079	46	1235	38	8							
Area X	EP-7097	33	1235	29	4							
Area X	EP-7099	454	8500	390	56	4		4				
Area X	EP-7110	42	450	30	8	3	1					
Area X	EP-7113	50	640	45	5							
Area X	EP-7105	242	2810	198	39	3	2					
Area X	EP-7124	19	260	17	2							
Area X	EP-7117	38	305	30	7		1					
Area X	EP-7092a	3	20	3								
Area X	EP-7092b	5	40	5								
Area X	EP-7109	35	1445	25	10							
Area X	EP-7125	11	205	10	1							

Area	PROV	V101	V102	V103	V104	V105	V106	V107	V108	V109	V110	VLG
Area X	EP-7119	2	70	2								
Area X	EP-7121	1	45		1							
Area X	EP-7120	1	15		1							
Area X	EP-7112	18	165	13	6							
Area X	EP-7122	7	225	7								
Area X	EP-7041	334	4090	246	83	2						3
Area X	EP-7045	30	260	24	2	2			2			
Area X	EP-7042	72	700	68	4							
Area X	EP-7043	38	930	32	6							
Area X	EP-7049	14	105	13	1							
Area X	EP-7044	81	1130	59	22							
Area X	EP-7040	160	2625	114	43	2						1
Area X	EP-7038	137	1265	116	21							
Area X	EP-7090	12	675	4	8							
Area X	EP-7046	66	465	62	4							
Area X	EP-7039	26	310	24		1						
Area X	EP-7053	7	140	5	2							
Area X	EP-7068	268	4050	223	44	1						
Area X	EP-7096	52	1880	40	12							
Area X	EP-7080	22	575	16	6							
Area X	EP-7084	8	75	8								
Area X	EP-7114	44	445	37	2	1		4				
Area X	EP-7088	3	15	3								
Area X	EP-7060	17	400	16	1							
Area X	EP-7144	7	135	7								
Area X	EP-7123	34	3160	30	3	1						
Area X	EP-7111	5	605	5								
Area X	EP-7145	3	40	3								
Area X	EP-7146	1	25	1								
Area X	EP-7115	8	600	8						4		
Area X	EP-7127	2	190	2								
Area X	EP-7133	2			2							
Area X	EP-7070	12	2585	10	2							
Area X	EP-7081	29	390	20	4	5						
Area X	EP-7083	0										
Area X	EP-7140	0										
Area X	EP-7051	10	105	8	2							
Area X	EP-7086	13	105	12				1				
Area X	EP-7087	9	225	1	7							1
Area P	EP-9048	15	125	10	2		1					2
Area P	EP-9053	1	5		1							
Area P	EP-9058	4	35	4								
Area P	EP-9054	26	250	21	4		1					
Area P	EP-9057	2	50	2								
Area P	EP-9049	27	370	21	1		3					2
Area P	EP-9047	2	20	1			1					
Area P	EP-9051	22	205	12	6							4
Area P	EP-9143	1	40	1								
Area P	EP-9142	2	65	1	1							
Area P	EP-9148	2	60	2								
Area P	EP-9150	18	405	14	2		2					
Area P	EP-9147	0										
Area P	EP-9146	3	60	2	1							
Area P	EP-9139	4	60	4								
Area P	EP-9144	12	125	12								
Area P	EP-9137	9	195	5	3		1					
Area P	EP-9151	5	75	5								
Area P	EP-9165	1	40	1								
Area P	EP-9168	6	85	5								1
Area P	EP-9170	0										
Area P	EP-9169	4	90	2			1					1
Area P	EP-9166	4	1145	3	1							
Area P	EP-9171	6	520	6								
Area P	EP-9172	12	260									
Area P	EP-9141	85	1240	69	10	2						4

Area	PROV	V101	V102	V103	V104	V105	V106	V107	V108	V109	V110	VLG
Area P	EP-9145	34	525	32	2							
Area P	EP-9135	9	75	7	2							
Area P	EP-9136	4	70	3			1					
Area P	EP-9132	1	10		1							
Area P	EP-9158	5	105	4			1					
Area P	EP-9160	8	300	7	1							
Area P	EP-9134	16	305	14	2							
Area P	EP-9119	1	5	1								
Area P	EP-9117	5	195	4			1					
Area P	EP-9110	6	85	4	1							1
Area P	EP-9133	18	270	14	4							
Area P	EP-9106	23	580	21	1		1					
Area P	EP-9109	29	545	18	3	6	1					1
Area P	EP-9116	10	215	6	3							1
Area P	EP-9111	20	265	17	3							
Area P	EP-9121	40	460	28	8							4
Area P	EP-9114	21	360	15	6							
Area P	EP-9162	37	1005	37								
Area P	EP-9112	20	360	14	6							
Area P	EP-9113	7	90	6	1							
Area P	EP-9153	164	2165	122	25	1	2					14
Area P	EP-9157	36	385	32	3	1						
Area P	EP-9127	34	685	26	3	3						2
Area P	EP-9102	69	1040	52	12		3					2
Area P	EP-9118	49	915	31	6	3						9
Area P	EP-9120	63	1145	52	10							1
Area P	EP-9163	29	1060	17	12							
Area P	EP-9122	65	1075	51	14							
Area P	EP-9082	13	195	8		5						
Area P	EP-9073	2	25	2								
Area P	EP-9099	3	30	3								
Area P	EP-9128	4	40	4								
Area P	EP-9066	13	80	13								
Area P	EP-9084	4	70	3	1							
Area P	EP-9064	51	820	45	6							
Area P	EP-9072	17	630	15	2							
Area P	EP-9070	95	1875	23		72						
Area P	EP-9060	46	700	27	1	18						
Area P	EP-9074	21	340	14	6		1					
Area P	EP-9090	41	540	34	2	4	1					
Area P	EP-9107	35	400	28	4	3						
Area P	EP-9092	33	590	16	9	2	5					1
Area P	EP-9101	44	715	38	6							
Area P	EP-9124	160	2700	122	32	1	3					12
Area P	EP-9085	10	70	8	2							
Area P	EP-9104	11	130	8	2		1					
Area P	EP-9093	10	140	8	2							
Area P	EP-9129	12	130	12								
Area P	EP-9096	13	105	9	2							2
Area P	EP-9103	15	385	14	1							
Area P	EP-9098	9	100	7	2							
Area P	EP-9154	7	105	5	2							
Area P	EP-9089	34	320	29	5							
Area P	EP-9100	1	10				1					
Area P	EP-9105	20	235	17	1	1	1					
Area P	EP-9097	11	135	7	2	2						
Area P	EP-9095	8	140	7			1					
Area P	EP-9108	4	60	4								
Area P	EP-9156	14	125	11	1	1						
Area P	EP-9149	232	4740	150	41	3	4					34
Area P	EP-9055	60	1275	57	3							
Area P	EP-9126	58	1270	48	8	1	1					
Area P	EP-9056	144	2565	109	19	11	2					3
Area P	EP-9131	41	645	31	6	3						1
Area P	EP-9123	64	1055	48	7	3	4					2

Area	PROV	V101	V102	V103	V104	V105	V106	V107	V108	V109	V110	VLG
Area P	EP-9059	86	1625	64	21	1						
Area P	EP-9138	35	1260	35								
Area P	EP-9091	145	2195	99	22	11	4					9
Area P	EP-9078	114	1840	70	25	4	14					1
Area P	EP-9088	100	1415	74	17	8	1					
Area P	EP-9081	83	1135	68	10	4						1
Area P	EP-9094	71	860	59	6	4	1	1				
Area P	EP-9130	668	12110	495	131	1	11					30
Area P	EP-9115	262	4505	177	64	2	3					16
Area P	EP-9140	380	5875	277	76		16					11
Area P	EP-9087	190	3035	115	39	20	8					8
Area P	EP-9083	143	2630	113	21	6	3					
Area P	EP-9075	14	205	13			1					
Area P	EP-9080	16	145	9	3	1	3					
Area P	EP-9077	6	150	4	2							
Area P	EP-9079	4	70	4								
Area P	EP-9067	1	40	1								
Area P	EP-9069	6	100	3	2	1						
Area P	EP-9086	6	70	5	1							
Area P	EP-9076	6	25	6								
Area P	EP-9065	14	175	13	1							
Area P	EP-9062	16	395	8	2		6					
Area P	EP-9063	13	150	8	5							
Area P	EP-9071	19	420	16	2		1					
Area P	EP-9068	12	300	9	2	1						
Area P	EP-9061	47	645	42	3	2						
Area P	EP-9045	49	420	42	3	4						
Area P	EP-9052	38	815	22	7	1	6					2
Area P	EP-9050	121	1620	86	17	10	3					5
Area P	EP-9046	114	2380	92	11		3					8
Area P	EP-9022	96	680	89	4			3				
Area P	EP-9035	85	760	73	9			3				
Area P	EP-9029	207	2485	171	34		1	1				
Area P	EP-9021	91	780	80	11							
Area P	EP-9038	70	720	55	13			2				
Area P	EP-9042	66	1450	54	10							2
Area P	EP-9027	191	1600	180	7	1		3				
Area P	EP-9014	119	1020	111	4		2	2				
Area P	EP-9024	111	1360	93	18							
Area P	EP-9017	69	650	65	4							
Area P	EP-9019	6	30	6								
Area P	EP-9023	23	160	20	1			2				
Area P	EP-9004	180	1770	156	18		4					2
Area P	EP-9012	97	870	91	6							
Area P	EP-9013	92	650	90				2				
Area P	EP-9015	82	750	78	2			2				
Area P	EP-9016	77	730	73	3			1				
Area P	EP-9008	103	790	98	3	2						
Area P	EP-9007	87	750	77	5	1	1	3				
Area P	EP-9009	54	420	39	2	4	5					4
Area P	EP-9010	53	680	44	1			5				3
Area P	EP-9006	50	445	50								
Area P	EP-9002	81	655	72	5		2					
Area P	EP-9005	78	730	73	3	2						
Area P	EP-9003	41			1		3					
Area P	EP-9000	8	90	6	1	1						
Area P	EP-9001	53	570	49	2		2					
Area P	EP-9164	8	1110	8								
Area P	EP-9041	90	1060	75	8							7
Area P	EP-10,000c	56	560	51	5							
Area P	EP-10,000d	20	150	18	2							
Area P	EP-10,000a	13	80	13								
Area P	EP-10,000b	5	40	5								

Area	PROV	V101	V102	V103	V104	V105	V106	V107	V108	V109	V110	VLG
Area P	EP-10,000e	7	40	6	1							
Area P	EP-10,000f	7	70	5				2				
Area P	EP-10,000g	16	160	12				4				
Area P	EP-10,000h	19	180	16	1	1		1				
Area P	EP-10,000i	6	130	4	2							
Area P	EP-10,000j	4	15	4								
Area P	EP-10,000k	3	260	2	1							
Area P	EP-10,000l	9	110	9								
Area P	EP-9036	86	840	72	9			5				
Area P	EP-9043	82	990	68	11		2					1
Area P	EP-9011	51	660	47	4							
Area P	EP-9030	46	480	35	5			4				2
Area P	EP-9032	39	280	37	1			1				
Area P	EP-9028	77	770	73	4							
Area P	EP-9020	44	440	43				1				
Area P	EP-9026	44	420	29	9			1				5
Area P	EP-9044	29	650	21	7							1
Area P	EP-9025	23	260	23								
Area P	EP-9033	26	210	21	5							
Area P	EP-9037	14	80	13	1							
Area P	EP-9039	14	50	12				2				
Area P	EP-9034	20	160	18	2							
Area P	EP-9159	16	110	13	3							

Table D.2 - El Palenque Ceramics by Gray Paste Caso Bernal and Acosta 1967 Types

PROV	V112	V113	V115	V116	V117	V118	V119	V120	V121	V126	V127	V128	V129	V130
EP-7104			3	1	3									6
EP-7107			3	5		1	1							4
EP-7078			2	1										6
EP-7077			7	17		2				1				11
EP-7101			6	8	1									11
EP-7074	1		7	6						1				11
EP-7065			2	2										4
EP-7103			4	3		3			1	1				1
EP-7062			3	9			1							3
EP-7063			1			1				1				2
EP-7076									1					4
EP-7071														
EP-7075														2
EP-7064				2										
EP-7056	1		4	8	1									5
EP-7058			1	2										2
EP-7057			8	5		1								7
EP-7061			2	3										2
EP-7050			17	10		2			1					10
EP-7055			2				1			1				4
EP-7052			4	4		5								9
EP-7048			9	10		3				1				7
EP-7059	2		14	10		7				4				20
EP-7067			5	1										14
EP-7094a			4	3						1				2
EP-7094b	1		4	1					3					2
EP-7066	1		5	5										2
EP-7073	2		26	11		3	1			1				28
EP-7094			2	3		9			2	3				29
EP-7047			6	6					2					14
EP-7072			7	6		1			2	1				11
EP-7100	1		15	8		1			1					25
EP-7102			1						1					6

EP-7106			4											4
EP-7091	1		13	8	2				2	1				21
EP-7098	2		21	10		7	1		2	3				49
EP-7093	2		17	11		1	2		4					26
EP-7135														
EP-7118			9	12		1	2		1	1				17
EP-7095			14	2			2		2	1				12
EP-7134														
EP-7128	1		1	2		2				1				4
EP-7136				2		1			1	1				8
EP-7130			3	1					1					
EP-7131			8	6							1			18
EP-7116			7	4		1				2	5			
EP-7089			5	4										10
EP-7079	1		9	5		3	1			3				16
EP-7097			2	3	1	2	1		2	1				17
EP-7099			91	74	2	13	10		21	13				166
EP-7110	1		17	1										11
EP-7113			13	9			1		4					18
EP-7105			58	61		4	8		8	2	1			56
EP-7124	2		4	2		1				2	6			
EP-7117			7	11		2								10
EP-7092a			2											1
EP-7092b			2											3
EP-7109			11	4					1					9
EP-7125			6											4
EP-7119				2										
EP-7121														
EP-7120														
EP-7112			5	2		1								5
EP-7122	1			1										5
EP-7041	2		76	42		10	2		3	15				96
EP-7045			4	7										13
EP-7042			24	10		5	2		2	1				24
EP-7043	2		3							3				24
EP-7049			3	4		4								2
EP-7044			22	10		3	1			1				22
EP-7040	3		48	14		6	2		1	4				36
EP-7038			40	23		4			1	1	1			46
EP-7090			2											2
EP-7046			14	10		1	2		4	1				30
EP-7039			9	3			2			2				8
EP-7053				1		1	1							2
EP-7068			51	51	1	8	1		10	3				98
EP-7096	1		6	11		1	1		2					18
EP-7080			7	5						1				3
EP-7084				1		2				1				4
EP-7114			14	7		1			2					13
EP-7088				1		1								1
EP-7060			1			2			3					10
EP-7144			2	1										4
EP-7123			10	3	3	1				1				12
EP-7111			1	1										3
EP-7145														3
EP-7146														1
EP-7115									3					5
EP-7127					1	1								
EP-7133														
EP-7070				1					3					6
EP-7081	1		4	7		2								6
EP-7083														
EP-7140														
EP-7051			3	1		1								3
EP-7086			2	2		1								7
EP-7087														1
EP-9048			5	1										4

EP-9053														
EP-9058	1		1											2
EP-9054		1	6	4		1								9
EP-9057				1										1
EP-9049			5	2		1			1	1				11
EP-9047														1
EP-9051			5	2										5
EP-9143														1
EP-9142														1
EP-9148														2
EP-9150			6	2		1								5
EP-9147														
EP-9146														2
EP-9139			1	1		1								1
EP-9144			4	6										2
EP-9137			2	2										1
EP-9151			2	1										2
EP-9165			1											
EP-9168			1											4
EP-9170														
EP-9169				1										1
EP-9166			1	1	1									
EP-9171	1		2	1		1								1
EP-9172														12
EP-9141			22	18		1	1		1	2				24
EP-9145			8	7		4			2	1				10
EP-9135			2	2										3
EP-9136			1											2
EP-9132														
EP-9158			3											1
EP-9160			2	2	1									2
EP-9134			4	2										8
EP-9119			1											
EP-9117			1	1						1				1
EP-9110						1								3
EP-9133			2	1		1								10
EP-9106			5	9										7
EP-9109			5	2										11
EP-9116	2		1	1										2
EP-9111			1	4		4								8
EP-9121	1		6	4		1			1	1				14
EP-9114			1			3								11
EP-9162	6		7	14		3				2				5
EP-9112			7	2		2								3
EP-9113			5						1					
EP-9153	4		38	27		2	1		3	3				44
EP-9157			12	7		1								12
EP-9127			10	6					2	3				5
EP-9102			19	15					1	1				16
EP-9118			6	8		1								16
EP-9120			15	7	1	5			1	3				20
EP-9163	2		7	2						1				5
EP-9122	15		10	12						1				13
EP-9082		1	2	2										3
EP-9073			1											1
EP-9099									1					2
EP-9128			1	2		1								
EP-9066	1		1	2		1	1		1					6
EP-9084		1												2
EP-9064			11	10	1				1	1				21
EP-9072	2		4	2						1				6
EP-9070		6	5	2					1	1				8
EP-9060		3	8	2										14
EP-9074			5	2						2				5
EP-9090			10	12		1	1		2	1				7
EP-9107			7	8						1				12

EP-9092			6	4		2								4
EP-9101	1		12	10		3				1				11
EP-9124			47	25		3	1		3	3				40
EP-9085			3	2						2				1
EP-9104			4							1				3
EP-9093			2	1						1				4
EP-9129	1		3											8
EP-9096			3	2										4
EP-9103	2		3	3		1								5
EP-9098			1	1										5
EP-9154			2				1							2
EP-9089			9						1	2				17
EP-9100														
EP-9105				14										3
EP-9097				1					1					5
EP-9095			3	2										2
EP-9108			1											3
EP-9156			3	1					1					6
EP-9149	1		60	31	1	6	3		2	1	1			44
EP-9055	1		7	16	1				2	1	1			28
EP-9126		24	9	4										11
EP-9056	1		36	26		3			3	5				35
EP-9131	3		8	2										18
EP-9123	1		14	7		4			1	2				19
EP-9059	3		12	13					4					32
EP-9138	1		11	19										4
EP-9091	1		32	25		5			1	1				34
EP-9078	1		26	7		2				3				31
EP-9088	1		22	9	1	2			2	1				36
EP-9081			24	7		3			1					33
EP-9094			13	16		2	1		1	4				22
EP-9130	1		135	122	3	18	3		6	19	7			181
EP-9115			46	43	3	7	4		3	5	3			63
EP-9140	1		70	73	1	8	2		8	9	5			100
EP-9087	3		23	30		4	1		2					52
EP-9083	2		35	20		2			2	3				50
EP-9075			7											6
EP-9080			2			2				1				4
EP-9077			1	1										2
EP-9079			1	2										1
EP-9067				1										
EP-9069				1										2
EP-9086														5
EP-9076			3	1										2
EP-9065			5	2										6
EP-9062	1			3			1			1				2
EP-9063			1	6										1
EP-9071	2		2	7			1							4
EP-9068	1		4	2										2
EP-9061			10	9		1			2	1				19
EP-9045	2		12	8		1			1					17
EP-9052			6	6		1			1					8
EP-9050			28	16		2			4	2				34
EP-9046			29	10	2	5			5	4	1			33
EP-9022	2		20	13		2				5				34
EP-9035	1		15	17		1	1		1	1				30
EP-9029	4		47	30		5			3	1				80
EP-9021			23	21		1	1		1	2				30
EP-9038			20	7		5			1	2				20
EP-9042	1		20	12	1		1			2				17
EP-9027	4		35	41		3	4		1	2				76
EP-9014	3		26	23			1			2				52
EP-9024	1		38	10		2			1	1				40
EP-9017	1		20	17										27
EP-9019			1	2						1				2
EP-9023			8	2										10

EP-9004	4		43	34		6				3				66
EP-9012	1		32	20		1			1	1				35
EP-9013	1		23	22		3				1	1			39
EP-9015	1		19	17		1	2		3					35
EP-9016	2		14	18		2	4							33
EP-9008	2		27	24		1	1			4				39
EP-9007	2		29	16		2			2	1				25
EP-9009			16	7			1							10
EP-9010	2		26	3		1			1	3				8
EP-9006	1		19	11		1	2		3	1				12
EP-9002	1		23	26		1			2	3	1			15
EP-9005	2		22	20		2			1	1				25
EP-9003			11	9					1					16
EP-9000			2	2										2
EP-9001			8	13		3	1		1	1				22
EP-9164			2						1	1				4
EP-9041	1		28	7		3			1	2				32
EP-10,000c			15	1		4	1		1	1				28
EP-10,000d			1	1		1			1	2				12
EP-10,000a			1	2		1								9
EP-10,000b				1										4
EP-10,000e			2						1					3
EP-10,000f			2	1		2								
EP-10,000g			3	3					2	1				3
EP-10,000h	1		4	3		1				1				6
EP-10,000i			1	3										
EP-10,000j				2										2
EP-10,000k			1	1										
EP-10,000l	3		1	2					1					2
EP-9036			26	23					3					20
EP-9043	1		18	17		2	1		2	3				22
EP-9011	1		15	11		1			1	2				16
EP-9030	1		13	8		1				1	1			10
EP-9032			9	12		1	2			1				12
EP-9028	1		18	13		1			2	1	2			35
EP-9020	1		13	6		3								20
EP-9026	3		10	2		3				1				10
EP-9044			8	3		3								7
EP-9025			8	8		1			1					5
EP-9033			7	3		1	1			1				8
EP-9037			4	2		1								6
EP-9039			3	2					1					6
EP-9034			3	2										13
EP-9159			1							1				11

Table D.3 - El Palenque Ceramics by Crema Paste Caso Bernal and Acosta 1967 Types

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
EP-7104													
EP-7107													
EP-7078													
EP-7077													
EP-7101													
EP-7074	1												

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
EP-7065													
EP-7103													
EP-7062	2												
EP-7063													
EP-7076													
EP-7071													
EP-7075													
EP-7064													
EP-7056													
EP-7058													
EP-7057													
EP-7061													
EP-7050	4												
EP-7055													
EP-7052													
EP-7048	4	2											
EP-7059	4	2											
EP-7067													
EP-7094a													
EP-7094b													
EP-7066													
EP-7073													
EP-7094	3												
EP-7047													
EP-7072													
EP-7100													
EP-7102													
EP-7106													
EP-7091													
EP-7098													
EP-7093													
EP-7135													
EP-7118													
EP-7095													
EP-7134													
EP-7128													
EP-7136													
EP-7130													
EP-7131													
EP-7116													
EP-7089													
EP-7079													
EP-7097													
EP-7099	4												
EP-7110	3												
EP-7113													
EP-7105	3												
EP-7124													
EP-7117													
EP-7092a													
EP-7092b													
EP-7109													
EP-7125													
EP-7119													
EP-7121													
EP-7120													
EP-7112													
EP-7122													
EP-7041	1	1											
EP-7045	2												
EP-7042													
EP-7043													
EP-7049													
EP-7044													
EP-7040	1	1											

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
EP-7038													
EP-7090													
EP-7046													
EP-7039													
EP-7053													
EP-7068		1											
EP-7096													
EP-7080													
EP-7084													
EP-7114		1											
EP-7088													
EP-7060													
EP-7144													
EP-7123		1											
EP-7111													
EP-7145													
EP-7146													
EP-7115													
EP-7127													
EP-7133													
EP-7070													
EP-7081	5												
EP-7083													
EP-7140													
EP-7051													
EP-7086													
EP-7087													
EP-9048													
EP-9053													
EP-9058													
EP-9054													
EP-9057													
EP-9049													
EP-9047													
EP-9051													
EP-9143													
EP-9142													
EP-9148													
EP-9150													
EP-9147													
EP-9146													
EP-9139													
EP-9144													
EP-9137													
EP-9151													
EP-9165													
EP-9168													
EP-9170													
EP-9169													
EP-9166													
EP-9171													
EP-9172													
EP-9141	2												
EP-9145													
EP-9135													
EP-9136													
EP-9132													
EP-9158													
EP-9160													
EP-9134													
EP-9119													
EP-9117													
EP-9110													
EP-9133													
EP-9106													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
EP-9109	6												
EP-9116													
EP-9111													
EP-9121													
EP-9114													
EP-9162													
EP-9112													
EP-9113													
EP-9153				1									
EP-9157													
EP-9127	3												
EP-9102													
EP-9118	3												
EP-9120													
EP-9163													
EP-9122													
EP-9082	2						3						
EP-9073													
EP-9099													
EP-9128													
EP-9066													
EP-9084													
EP-9064													
EP-9072													
EP-9070							72						
EP-9060	1						16				1		
EP-9074													
EP-9090							3				1		
EP-9107												3	
EP-9092							1					1	
EP-9101													
EP-9124		1											
EP-9085													
EP-9104													
EP-9093													
EP-9129													
EP-9096													
EP-9103													
EP-9098													
EP-9154													
EP-9089													
EP-9100													
EP-9105												1	
EP-9097	2												
EP-9095													
EP-9108													
EP-9156		1											
EP-9149	2			1									
EP-9055													
EP-9126	1												
EP-9056	8	3											
EP-9131		1		2									
EP-9123	3												
EP-9059						1							
EP-9138													
EP-9091												11	
EP-9078							1					3	
EP-9088							3					5	
EP-9081	1			1				1				1	
EP-9094	1												
EP-9130	1												
EP-9115				1		1							
EP-9140													
EP-9087	2	1										17	
EP-9083	3											3	

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
EP-9075													
EP-9080	1												
EP-9077													
EP-9079													
EP-9067													
EP-9069							1						
EP-9086													
EP-9076													
EP-9065													
EP-9062													
EP-9063													
EP-9071													
EP-9068	1												
EP-9061	1	1											
EP-9045	2	2											
EP-9052	1												
EP-9050	1											9	
EP-9046													
EP-9022													
EP-9035													
EP-9029													
EP-9021													
EP-9038													
EP-9042													
EP-9027				1									
EP-9014													
EP-9024													
EP-9017													
EP-9019													
EP-9023													
EP-9004													
EP-9012													
EP-9013													
EP-9015													
EP-9016													
EP-9008				1			1						
EP-9007		1											
EP-9009	3	1											
EP-9010													
EP-9006													
EP-9002													
EP-9005		1		1									
EP-9003													
EP-9000		1											
EP-9001													
EP-9164													
EP-9041													
EP-10,000c													
EP-10,000d													
EP-10,000a													
EP-10,000b													
EP-10,000e													
EP-10,000f													
EP-10,000g													
EP-10,000h		1											
EP-10,000i													
EP-10,000j													
EP-10,000k													
EP-10,000l													
EP-9036													
EP-9043													
EP-9011													
EP-9030													
EP-9032													
EP-9028													

PROV	V131	V132	V133	V134	V135	V136	V137	V138	V139	V140	V141	V142	V143
EP-9020													
EP-9026													
EP-9044													
EP-9025													
EP-9033													
EP-9037													
EP-9039													
EP-9034													
EP-9159													

Table D.4 - El Palenque Ceramics by Café Paste Caso Bernal and Acosta 1967 Types

PROV	V144	V145	V146	V147	V148	V149	V150	V151	V152	VG3M	VG29	VPOLY
EP-7104						1						
EP-7107						1						
EP-7078						2						
EP-7077						7						
EP-7101						1					1	
EP-7074						2						
EP-7065						5						
EP-7103						1						
EP-7062												
EP-7063						3						
EP-7076												
EP-7071												
EP-7075												
EP-7064												
EP-7056						3					2	
EP-7058						1						
EP-7057					2	4						
EP-7061					1	3						
EP-7050					4	15						
EP-7055												
EP-7052					1	2						
EP-7048					1	5						
EP-7059					2	16						
EP-7067					1	2						
EP-7094a												
EP-7094b						5						
EP-7066						3						
EP-7073					4	7						
EP-7094						11						
EP-7047					3	26						
EP-7072					1	17						
EP-7100					3	10						
EP-7102						1						
EP-7106						4						
EP-7091						11					1	
EP-7098					4	32						
EP-7093					2	24						
EP-7135						1						
EP-7118					1	4						
EP-7095					1	1						
EP-7134						4						
EP-7128						3						
EP-7136						7						
EP-7130												
EP-7131						8						
EP-7116						2						
EP-7089						3						
EP-7079					2	6						
EP-7097						4						
EP-7099					14	42						
EP-7110					5	3						

PROV	V144	V145	V146	V147	V148	V149	V150	V151	V152	VG3M	VG29	VPOLY
EP-7113					1	4						
EP-7105					8	31						
EP-7124						2						
EP-7117					3	4						
EP-7092a												
EP-7092b												
EP-7109						10						
EP-7125						1						
EP-7119												
EP-7121					1							
EP-7120			1									
EP-7112						6						
EP-7122												
EP-7041						83						
EP-7045						2						
EP-7042						4						
EP-7043						6						
EP-7049						1						
EP-7044					7	15						
EP-7040						43						
EP-7038					3	18						
EP-7090					1	7						
EP-7046					2	2						
EP-7039											1	1
EP-7053						2						
EP-7068					9	35						
EP-7096					3	9						
EP-7080						6						
EP-7084												
EP-7114						2						
EP-7088												
EP-7060					1							
EP-7144												
EP-7123					2	1						
EP-7111												
EP-7145												
EP-7146												
EP-7115												
EP-7127												
EP-7133						2						
EP-7070	2											
EP-7081					1	1						
EP-7083												
EP-7140												
EP-7051						2						
EP-7086												
EP-7087						7						
EP-9048						2						
EP-9053						1						
EP-9058												
EP-9054						4						
EP-9057												
EP-9049						1						
EP-9047												
EP-9051						6						
EP-9143												
EP-9142						1						
EP-9148												
EP-9150						2						
EP-9147												
EP-9146						1						
EP-9139												
EP-9144												
EP-9137						3						
EP-9151												

PROV	V144	V145	V146	V147	V148	V149	V150	V151	V152	VG3M	VG29	VPOLY
EP-9165												
EP-9168												
EP-9170												
EP-9169												
EP-9166						1						
EP-9171												
EP-9172												
EP-9141					8	2						
EP-9145					2							
EP-9135						2						
EP-9136												
EP-9132						1						
EP-9158												
EP-9160						1						
EP-9134					1	1						
EP-9119												
EP-9117												
EP-9110						1						
EP-9133						4						
EP-9106						1						
EP-9109						3						
EP-9116					1	2						
EP-9111					1	2						
EP-9121					5	3						
EP-9114						6						
EP-9162												
EP-9112					2	4						
EP-9113					1							
EP-9153					1	24						
EP-9157						3						
EP-9127						3						
EP-9102						12						
EP-9118					1	5						
EP-9120					1	9						
EP-9163						12						
EP-9122						14						
EP-9082												
EP-9073												
EP-9099												
EP-9128												
EP-9066												
EP-9084						1						
EP-9064						6						
EP-9072						2						
EP-9070												
EP-9060					1							
EP-9074					1	5						
EP-9090						2						
EP-9107					3	1						
EP-9092					2	7						
EP-9101					1	5						
EP-9124					4	28						
EP-9085						2						
EP-9104						2						
EP-9093						2						
EP-9129												
EP-9096						2						
EP-9103						1						
EP-9098						2						
EP-9154						2						
EP-9089					1	4						
EP-9100												
EP-9105						1						
EP-9097						2						
EP-9095												

PROV	V144	V145	V146	V147	V148	V149	V150	V151	V152	VG3M	VG29	VPOLY
EP-9108												
EP-9156						1						
EP-9149					10	31						
EP-9055						3						
EP-9126						8						
EP-9056					3	16						
EP-9131					1	5						
EP-9123						7						
EP-9059					1	20						
EP-9138												
EP-9091					6	16						
EP-9078					5	20						
EP-9088					1	16						
EP-9081					1	9						
EP-9094				3		6						
EP-9130					40	91						
EP-9115					12	52						
EP-9140					8	68						
EP-9087	2				5	32						
EP-9083						21						
EP-9075												
EP-9080						3						
EP-9077						2						
EP-9079												
EP-9067												
EP-9069						2						
EP-9086						1						
EP-9076												
EP-9065					1							
EP-9062						2						
EP-9063						5						
EP-9071					1	1						
EP-9068					1	1						
EP-9061					1	2						
EP-9045						3					1	
EP-9052					2	5						
EP-9050					6	11						
EP-9046					6	5					3	
EP-9022					3	1				13		
EP-9035					6	3				6		
EP-9029					7	27				1		
EP-9021					5	6				1		
EP-9038					3	10						
EP-9042					3	7						
EP-9027						7				14		
EP-9014						4				4		
EP-9024					2	16						
EP-9017						4						
EP-9019												
EP-9023						1						
EP-9004					7	11		1				
EP-9012						6						
EP-9013												
EP-9015						2						
EP-9016					1	2						
EP-9008					1	1						
EP-9007						5						
EP-9009						2				5		
EP-9010						1						
EP-9006												
EP-9002						5						
EP-9005					1	2						
EP-9003						1						
EP-9000						1						
EP-9001						2						

PROV	V144	V145	V146	V147	V148	V149	V150	V151	V152	VG3M	VG29	VPOLY
EP-9164												
EP-9041					1	7				1		
EP-10,000c					2	3						
EP-10,000d						2						
EP-10,000a												
EP-10,000b												
EP-10,000e						1						
EP-10,000f												
EP-10,000g												
EP-10,000h						1						
EP-10,000i					2							
EP-10,000j												
EP-10,000k						1						
EP-10,000l												
EP-9036					1	8						
EP-9043					1	10				2		
EP-9011					1	3						
EP-9030					2	3						
EP-9032						1						
EP-9028					2	2						
EP-9020												
EP-9026					2	7						
EP-9044					2	5						
EP-9025												
EP-9033						5						
EP-9037						1						
EP-9039												
EP-9034					1	1						
EP-9159					1	2						

Table D.5 - El Palenque Ceramics by Gray Vessel Form (Part 1)

PROV	V 155	V 156	V 157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
EP-7104	8													
EP-7107	4	2												
EP-7078	3													
EP-7077	9	5								2				
EP-7101	11									1				
EP-7074	8	1												
EP-7065	4													
EP-7103	4													1
EP-7062	5									1				
EP-7063	1	1				1				1				
EP-7076	1	2								1				1
EP-7071														
EP-7075														
EP-7064														
EP-7056	8													
EP-7058	1													
EP-7057	8				1									
EP-7061	2													
EP-7050	18	2								2				
EP-7055	3					1				1				
EP-7052	7	3			2					2				
EP-7048	9				3			1						
EP-7059	17				3			2		2				
EP-7067	5	1			1									
EP-7094a	4							1						
EP-7094b	5				1								1	
EP-7066	5													
EP-7073	37	1			2						1			
EP-7094	6	1			9					3				
EP-7047	9			1		1							1	
EP-7072	8				1			1		2				

PROV	V 155	V 156	V 157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
EP-7100	22	3	1			2				3			1	
EP-7102	4									1				
EP-7106	4													
EP-7091	18	1						1		3				
EP-7098	36	6	1		2	2		1		7				2
EP-7093	26	3								2				
EP-7135														
EP-7118	15				2									1
EP-7095	18					1				4				1
EP-7134														
EP-7128	1	1			1					1				
EP-7136					1					1				1
EP-7130	3													1
EP-7131	10									3				
EP-7116	7				1			2						
EP-7089	9				1							1		
EP-7079	19				3			1						
EP-7097	10	2						1		2				
EP-7099	149	7	4		12			5		15				1
EP-7110	19													
EP-7113	18	1				1				1				1
EP-7105	75	3			4					1		1		3
EP-7124	4		1		1			2						
EP-7117	8	1	1											
EP-7092a	2										1			
EP-7092b	2													
EP-7109	13													
EP-7125	6													
EP-7119														
EP-7121														
EP-7120														
EP-7112	6				1									
EP-7122		1												
EP-7041	111	2	5		6			3		6		1	1	
EP-7045	10									2				
EP-7042	36	1	1		3			1						2
EP-7043	12				2			3						
EP-7049	3				4					1				
EP-7044	26	3						1		4		1	1	
EP-7040	56	2	1		5					6				
EP-7038	48				4					4		2		
EP-7090	3									1				
EP-7046	19	1						1		3			1	3
EP-7039	13							1		1				
EP-7053	1	1								1				
EP-7068	83	6	1		3	1		2		4				
EP-7096	9		1											
EP-7080	7							1						
EP-7084	3	1			1			1		1				
EP-7114	18	1			1									1
EP-7088					1									
EP-7060	3	2	1											3
EP-7144	3													
EP-7123	16	3			1			1		2				
EP-7111	1	2												
EP-7145	1													
EP-7146														
EP-7115	1									1				1
EP-7127	1		1											
EP-7133														
EP-7070		2	1		1					2				1
EP-7081	7	1			1									
EP-7083														
EP-7140														
EP-7051	4				1									

PROV	V 155	V 156	V 157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
EP-7086	7	1			1									
EP-7087	1													
EP-9048	8													
EP-9053														
EP-9058	2													
EP-9054	7				1									
EP-9057														
EP-9049	8	1			1					2				
EP-9047														
EP-9051	8									1				
EP-9143														
EP-9142														
EP-9148														
EP-9150	6	2								1				
EP-9147														
EP-9146														
EP-9139	1				1									
EP-9144	4													
EP-9137	3													
EP-9151	3									1				
EP-9165	1													
EP-9168	3													
EP-9170														
EP-9169		1												
EP-9166	2													
EP-9171	2				1					1				
EP-9172														
EP-9141	27	2								2				
EP-9145	10	2			2	1				2				
EP-9135	2	1												
EP-9136	2									1				
EP-9132														
EP-9158	3									1				
EP-9160	4													
EP-9134	4									1				
EP-9119	1													
EP-9117	1													
EP-9110		1												
EP-9133	2													
EP-9106	6													
EP-9109	8	1												
EP-9116	2													
EP-9111	2				4					1				
EP-9121	10	2			1			1		2			1	1
EP-9114	3	5			1					1				
EP-9162	7				3			1						
EP-9112	9				2					1				
EP-9113	5													
EP-9153	48	2			4					6				
EP-9157	13	2											2	
EP-9127	12							1						1
EP-9102	21							1		2				1
EP-9118	13				3					1			1	
EP-9120	23	3			4			1		2				
EP-9163	9	1								1				
EP-9122	11					1								
EP-9082	3													
EP-9073	2													
EP-9099	1				1									1
EP-9128	1	1												
EP-9066	5	1			1									
EP-9084	2													
EP-9064	15	1			1			1		1			1	1
EP-9072	4				1			1		3				
EP-9070	13													1

PROV	V 155	V 156	V 157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
EP-9060	14	1		1						1				
EP-9074	5				1									
EP-9090	16	2			1									
EP-9107	7				2					2				
EP-9092	7	2			1					1				
EP-9101	13	3			3					1				
EP-9124	58	2			3	1				2	1		1	1
EP-9085	3													
EP-9104	5				1									
EP-9093	4							1						
EP-9129	5	1								1			1	
EP-9096	4	1								1				
EP-9103	3		1									1		
EP-9098	1													
EP-9154	4													
EP-9089	11				1									1
EP-9100														
EP-9105														
EP-9097	1				1									
EP-9095	3													
EP-9108	2	1								1				
EP-9156	4													1
EP-9149	79	4			5	1	1	1		7		3		
EP-9055	15						1			2				
EP-9126	16									3				
EP-9056	40	3			1	1		4		4				3
EP-9131	10	2				1				3		1		
EP-9123	15	3	3					1		2				1
EP-9059	19	1				1				6		1		1
EP-9138	11													
EP-9091	37	3			3					1			2	
EP-9078	29	4			4			2				1		
EP-9088	33	2			1			1					3	
EP-9081	29	3			1					7				
EP-9094	20	1	1		2			1		2	1			
EP-9130	175	10	2		16	2	7	9		21		4		
EP-9115	61	2	2		2	2	3	1	1	6			1	
EP-9140	96	10			1		5	4	1	13		1		1
EP-9087	38	8			4					3		1		1
EP-9083	43	2			3			1		4				2
EP-9075	8									2				
EP-9080	2	2		1										
EP-9077	2													
EP-9079	1													
EP-9067														
EP-9069	1													
EP-9086	1													
EP-9076	3									2				
EP-9065	7									1				
EP-9062	1													
EP-9063	1					1								
EP-9071	4									3				
EP-9068	4													
EP-9061	17				1					5				
EP-9045	16	2			1					2				
EP-9052	7	2			2	1				1				1
EP-9050	43	5			2					3				1
EP-9046	38	3			3			1		6		1		2
EP-9022	25	2						1						
EP-9035	19	2								1				1
EP-9029	70	9				2		1		5			2	
EP-9021	30	1						1						
EP-9038	25	4			1			1		1				
EP-9042	23							1		2	2		2	
EP-9027	56		4		3					9				

PROV	V 155	V 156	V 157	V158	V159	V160	V161	V162	V163	V164	V165	V166	V167	V168
EP-9014	33	3								10		1		
EP-9024	48	2			1					10			1	1
EP-9017	24									2				
EP-9019	3													
EP-9023	12				1					1				
EP-9004	69	6			4			2		1				
EP-9012	37	1						1		2				
EP-9013	38	1			3		1			4				
EP-9015	26	2								5				2
EP-9016	26				2					3			1	
EP-9008	38	6	1					1		2		1		
EP-9007	38	2						1						
EP-9009	22													
EP-9010	26				1									
EP-9006	26	1			1									2
EP-9002	28	1			1			1						1
EP-9005	31				2									1
EP-9003	15	1								3				
EP-9000	2													
EP-9001	13				3			1		4				
EP-9164	3							1		2				1
EP-9041	41	2			1					1				
EP-10,000c	27	6								2				1
EP-10,000d	5	4						1		1				
EP-10,000a	4				1					1				
EP-10,000b														
EP-10,000e	4													
EP-10,000f	2	2												
EP-10,000g	5							1						1
EP-10,000h	7													
EP-10,000i	1													
EP-10,000j														
EP-10,000k	1													
EP-10,000l	1									1				1
EP-9036	32									1				2
EP-9043	30				2			1						
EP-9011	18	1								1				
EP-9030	17	2					1							
EP-9032	13				1									
EP-9028	20	2			4		2			4				
EP-9020	18	1			2					1				
EP-9026	11				4	1				1				
EP-9044	9	3				1				1				
EP-9025	12				1									
EP-9033	10	1								1				
EP-9037	5				1									
EP-9039	5									1				1
EP-9034	4	2								2				
EP-9159	1	1						1		7				

Table D.6 - El Palenque Ceramics by Gray Vessel Form (Part 2)

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
EP-7104													1	3
EP-7107													5	3
EP-7078													1	4
EP-7077									1				17	3
EP-7101													8	5
EP-7074		1											6	4
EP-7065													2	2
EP-7103													3	1
EP-7062													9	1
EP-7063														
EP-7076														

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
EP-7071														
EP-7075														1
EP-7064													2	
EP-7056		1											8	3
EP-7058													2	2
EP-7057													5	3
EP-7061													3	2
EP-7050	1												10	2
EP-7055														2
EP-7052													4	1
EP-7048													10	6
EP-7059		2											10	6
EP-7067						1							1	7
EP-7094a													3	1
EP-7094b	2	1											1	
EP-7066		1											5	2
EP-7073		2											11	12
EP-7094	2												3	14
EP-7047	1												6	7
EP-7072	2												6	4
EP-7100		1											8	7
EP-7102														2
EP-7106														
EP-7091		1											8	11
EP-7098		2											10	14
EP-7093	2	2											11	12
EP-7135														
EP-7118													12	5
EP-7095	1												2	1
EP-7134														
EP-7128		1											2	2
EP-7136													2	4
EP-7130													1	
EP-7131													6	11
EP-7116													4	2
EP-7089													4	4
EP-7079		1											5	4
EP-7097													3	6
EP-7099	8		1						1				74	69
EP-7110		1											1	5
EP-7113	2								1				9	10
EP-7105	5						1						61	24
EP-7124		2											2	3
EP-7117													11	7
EP-7092a														
EP-7092b														3
EP-7109	1												4	5
EP-7125				1										2
EP-7119													2	
EP-7121														
EP-7120														
EP-7112													2	1
EP-7122		1											1	3
EP-7041	3	2				1	1						42	34
EP-7045													7	1
EP-7042													10	6
EP-7043		2												8
EP-7049													4	
EP-7044													10	4
EP-7040		3											14	11
EP-7038							1						23	20
EP-7090														
EP-7046									1				10	14
EP-7039													3	3
EP-7053													1	

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
EP-7068	6					1	4		1				51	42
EP-7096	2	1											11	9
EP-7080													5	3
EP-7084													1	
EP-7114	1												7	3
EP-7088													1	
EP-7060									2					1
EP-7144													1	2
EP-7123													3	4
EP-7111													1	1
EP-7145														
EP-7146				1										
EP-7115									1					1
EP-7127														
EP-7133														
EP-7070							1						1	
EP-7081		1											7	1
EP-7083														
EP-7140														
EP-7051													1	
EP-7086													2	
EP-7087														
EP-9048													1	
EP-9053														
EP-9058		1												
EP-9054									2				4	4
EP-9057													1	1
EP-9049													2	5
EP-9047														
EP-9051													2	1
EP-9143														1
EP-9142														1
EP-9148														1
EP-9150													2	2
EP-9147														
EP-9146									2					
EP-9139			1										1	
EP-9144													6	
EP-9137													2	
EP-9151													1	
EP-9165														
EP-9168														2
EP-9170														
EP-9169													1	
EP-9166													1	
EP-9171		1											1	
EP-9172														
EP-9141	1		1										18	14
EP-9145	1												7	5
EP-9135													2	1
EP-9136														
EP-9132														
EP-9158														
EP-9160													2	
EP-9134													2	1
EP-9119														
EP-9117													1	1
EP-9110									1					2
EP-9133													1	
EP-9106			1										9	2
EP-9109													2	7
EP-9116		2											1	
EP-9111													4	3
EP-9121		1											4	5
EP-9114														5

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
EP-9162		6											14	1
EP-9112													2	
EP-9113	1													
EP-9153	3	4							1				27	23
EP-9157													7	3
EP-9127	1						2						6	2
EP-9102									1				15	8
EP-9118													8	8
EP-9120	1												7	7
EP-9163		2											2	1
EP-9122		15											12	6
EP-9082													2	1
EP-9073														
EP-9099														
EP-9128													2	
EP-9066		1											2	3
EP-9084														1
EP-9064						1			1				10	5
EP-9072		2											2	1
EP-9070									1				2	3
EP-9060									1				2	3
EP-9074									1				2	2
EP-9090													12	2
EP-9107							1						8	7
EP-9092						1							4	1
EP-9101		1							1				10	1
EP-9124	2												25	17
EP-9085													2	1
EP-9104														1
EP-9093													1	2
EP-9129		1												1
EP-9096													2	
EP-9103		2											3	4
EP-9098													1	3
EP-9154														
EP-9089									2					8
EP-9100														
EP-9105													14	3
EP-9097	1												1	3
EP-9095													2	1
EP-9108														
EP-9156													1	5
EP-9149	2	1				1							31	18
EP-9055	1	1					1						16	15
EP-9126			1			1							4	4
EP-9056		1	2						1				26	19
EP-9131		3											2	6
EP-9123		1							1				7	12
EP-9059	2	3									1		13	8
EP-9138		1	1										19	3
EP-9091	1	1				1							25	22
EP-9078		1									1		7	13
EP-9088	1	1				1			2				9	12
EP-9081	1								1				7	13
EP-9094	1						1						16	7
EP-9130	3	3	1			3	1		8				122	76
EP-9115	2										1		43	36
EP-9140	5	1							1				73	44
EP-9087	1	3							2				30	24
EP-9083		2		1			1						20	22
EP-9075														
EP-9080														3
EP-9077													1	
EP-9079													2	
EP-9067													1	

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
EP-9069													1	1
EP-9086														
EP-9076													1	
EP-9065													2	3
EP-9062		1											3	1
EP-9063													6	
EP-9071		2											7	
EP-9068		1											2	2
EP-9061													9	8
EP-9045		2											8	3
EP-9052													6	3
EP-9050							1						16	9
EP-9046	2												10	22
EP-9022		2							1				13	19
EP-9035		1											17	14
EP-9029	2	4				1			1				30	36
EP-9021													21	23
EP-9038	1						1						7	12
EP-9042		1					1						12	8
EP-9027		4					1						41	36
EP-9014		3											23	25
EP-9024		1											10	14
EP-9017		1							1				17	19
EP-9019													2	
EP-9023													2	3
EP-9004		4											34	33
EP-9012	1	1											20	21
EP-9013		1											22	10
EP-9015	1	1											17	18
EP-9016		2											18	13
EP-9008		2											24	19
EP-9007	2	2											16	13
EP-9009													7	8
EP-9010	1	2											3	8
EP-9006		1											11	4
EP-9002		1											26	3
EP-9005		2				1							20	13
EP-9003													9	5
EP-9000													2	2
EP-9001													13	7
EP-9164														1
EP-9041	1	1											7	19
EP-10,000c													1	12
EP-10,000d	1												1	4
EP-10,000a													2	4
EP-10,000b													1	
EP-10,000e	1													1
EP-10,000f													1	
EP-10,000g	1												3	1
EP-10,000h		1											3	2
EP-10,000i													3	
EP-10,000j													2	2
EP-10,000k													1	
EP-10,000l		3											2	1

PROV	V169	V170	V171	V172	V173	V174	V175	V176	V177	V178	V179	V180	V181	V182
EP-9036													23	9
EP-9043	1	1											17	12
EP-9011	1	1											11	11
EP-9030		1											8	5
EP-9032													12	7
EP-9028	2	1											13	18
EP-9020		1											6	9
EP-9026		3											2	9
EP-9044													3	5
EP-9025													8	1
EP-9033													3	4
EP-9037													2	5
EP-9039													2	2
EP-9034													2	7
EP-9159														1

Table D.7 - El Palenque Ceramics by Gray Vessel Form (Part 3)

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V200	V201	V202	V203	V204
EP-7104				1										
EP-7107														
EP-7078				1										
EP-7077		1												
EP-7101	1			1										
EP-7074	2	1		3										
EP-7065														
EP-7103		1		3										
EP-7062														
EP-7063		1												
EP-7076											1			
EP-7071														
EP-7075				1										
EP-7064														
EP-7056				1										
EP-7058														
EP-7057				4										
EP-7061														
EP-7050				5										
EP-7055		1												
EP-7052				3										
EP-7048					1								1	
EP-7059	2	2		11										
EP-7067				4										
EP-7094a	1													
EP-7094b														
EP-7066														
EP-7073		1		5										
EP-7094		3	1	6										
EP-7047				2										
EP-7072				4										
EP-7100				3										
EP-7102				1										
EP-7106				4										
EP-7091			1	3				2						
EP-7098	2	2		7			1							
EP-7093				5										
EP-7135														
EP-7118		1		7										
EP-7095	1	1		3										
EP-7134														
EP-7128		1			1						1			
EP-7136		1		3										
EP-7130														
EP-7131		1		2										
EP-7116				3										

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V200	V201	V202	V203	V204
EP-7089														
EP-7079		2	1	2								1	1	
EP-7097				4			1							
EP-7099	1	8		33	1		1					1		
EP-7110			1	3										
EP-7113				1										
EP-7105		2		15		3								
EP-7124				2										
EP-7117				2										
EP-7092a														
EP-7092b														
EP-7109						1		1						
EP-7125				1										
EP-7119														
EP-7121														
EP-7120														
EP-7112				2			1							
EP-7122				1										
EP-7041	4	11		14	2							1		
EP-7045				3			1							
EP-7042	3			5										
EP-7043				5										
EP-7049				1										
EP-7044	2			6	1									
EP-7040		4		11	2									
EP-7038		1	2	11						2				
EP-7090														
EP-7046				8	1									
EP-7039		1		1	1					1				
EP-7053				1										
EP-7068		1		16			1							
EP-7096				7										
EP-7080														
EP-7084														
EP-7114				3	1		1							
EP-7088				1										
EP-7060			4											
EP-7144				1										
EP-7123														
EP-7111														
EP-7145				1	1									
EP-7146														
EP-7115				2	1									
EP-7127														
EP-7133														
EP-7070					1									
EP-7081				2										
EP-7083														
EP-7140														
EP-7051				2										
EP-7086				1										
EP-7087														
EP-9048				2		1								
EP-9053														
EP-9058				1										
EP-9054	1			2										
EP-9057														
EP-9049		1		2	1							1		
EP-9047				1										
EP-9051						4								
EP-9143														
EP-9142														
EP-9148				1										
EP-9150				1										
EP-9147														

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V200	V201	V202	V203	V204
EP-9146														
EP-9139														
EP-9144				2										
EP-9137														
EP-9151														
EP-9165														
EP-9168						1								
EP-9170														
EP-9169				1										
EP-9166														
EP-9171														
EP-9172								12						
EP-9141	1	2		4										
EP-9145		1		1										
EP-9135					1									
EP-9136														
EP-9132														
EP-9158														
EP-9160	1													
EP-9134				6										
EP-9119														
EP-9117		1												
EP-9110				1										
EP-9133	1			9	1									
EP-9106				3										
EP-9109				1										
EP-9116				2										
EP-9111				3										
EP-9121				3	1									
EP-9114														
EP-9162		1		4										
EP-9112														
EP-9113														
EP-9153		3		7										
EP-9157	3			2										
EP-9127				3										
EP-9102				4										
EP-9118				2										
EP-9120		2		3										
EP-9163		1												
EP-9122		1		5										
EP-9082	1			1										
EP-9073														
EP-9099														
EP-9128														
EP-9066														
EP-9084														
EP-9064	1		4	2								4		
EP-9072				1										
EP-9070		1		2										
EP-9060				3		1								
EP-9074		2		1										
EP-9090		1												
EP-9107				1										
EP-9092														
EP-9101		1		4										
EP-9124	9	3		8	1									
EP-9085		2												
EP-9104		1												
EP-9093														
EP-9129				2										
EP-9096	1				1									1
EP-9103														
EP-9098				1	1					1				
EP-9154				1										

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V200	V201	V202	V203	V204
EP-9089		2		4										
EP-9100														
EP-9105												2		
EP-9097														
EP-9095				1										
EP-9108														
EP-9156														
EP-9149				5	2					2				
EP-9055	1			2	2								1	
EP-9126						19								
EP-9056	1	1		3										
EP-9131	3			1										
EP-9123		1		2										
EP-9059				8										
EP-9138														
EP-9091		1		5	2						2			
EP-9078	1			5	3							2		
EP-9088	1			3	4						2			
EP-9081	3			4										
EP-9094	1	2		3										
EP-9130		9		27	2	6								
EP-9115		4		14			2							
EP-9140		4		18	2		1					1	1	
EP-9087	4		3	1										
EP-9083	2	1		8	1	1						1		
EP-9075				2	1									
EP-9080				1										
EP-9077				1										
EP-9079				1										
EP-9067														
EP-9069														
EP-9086				4										
EP-9076														
EP-9065														
EP-9062		1		1										
EP-9063														
EP-9071														
EP-9068														
EP-9061		1			1									
EP-9045				8										
EP-9052					1							1		
EP-9050	4	1		5	1									
EP-9046	2	3		7										
EP-9022		4		8		1								
EP-9035		1		10	1							1		
EP-9029				6			1							
EP-9021		1		1		1								
EP-9038				1		1								
EP-9042				4										
EP-9027		1		11								1		
EP-9014		2		7										
EP-9024		1		2	2							1	1	
EP-9017				1										
EP-9019		1												
EP-9023				1										
EP-9004		1		4										
EP-9012				7										
EP-9013		1		9										
EP-9015				6										
EP-9016				8										
EP-9008		3			1							1		
EP-9007				3										
EP-9009														
EP-9010		3												
EP-9006		1		3										

PROV	V183	V184	V185	V186	V187	V188	V189	V190	V191	V200	V201	V202	V203	V204
EP-9002		3		5	2								2	
EP-9005		1		1	1						1			
EP-9003				4										
EP-9000														
EP-9001				7	1									
EP-9164														
EP-9041	1	2		4										
EP-10,000c		1		1										
EP-10,000d		1												
EP-10,000a					1									
EP-10,000b					4									
EP-10,000e														
EP-10,000f														
EP-10,000g														
EP-10,000h		1		1	1									
EP-10,000i														
EP-10,000j														
EP-10,000k														
EP-10,000l														
EP-9036				5										
EP-9043		2												
EP-9011		2		1										
EP-9030		1												
EP-9032		1		3										
EP-9028		1		5	1									
EP-9020				5										
EP-9026		1		2										
EP-9044														
EP-9025					1									
EP-9033		1		1										
EP-9037														
EP-9039				1										
EP-9034				1										
EP-9159				2										

Table D.8 - El Palenque Ceramics by Gray Vessel Form (Part 4)

PROV	V205	V206	V207	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
EP-7104													
EP-7107													
EP-7078													
EP-7077				1									
EP-7101													
EP-7074				1									
EP-7065													
EP-7103				1									
EP-7062													
EP-7063				1									
EP-7076													
EP-7071													
EP-7075													
EP-7064													
EP-7056													

PROV	V205	V206	V207	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
EP-7058													
EP-7057													
EP-7061													
EP-7050													
EP-7055				1									
EP-7052													
EP-7048				1									
EP-7059				4									
EP-7067	1												
EP-7094a				1									
EP-7094b													
EP-7066													
EP-7073													
EP-7094	2			3									
EP-7047													
EP-7072				1									
EP-7100													
EP-7102													
EP-7106													
EP-7091													
EP-7098				3					1				
EP-7093													
EP-7135													
EP-7118													
EP-7095				1									
EP-7134													
EP-7128				1									
EP-7136				1									
EP-7130													
EP-7131						1							
EP-7116				2									
EP-7089													
EP-7079				3									
EP-7097				1					1				
EP-7099				13									
EP-7110													
EP-7113													
EP-7105				2									
EP-7124				2									
EP-7117													
EP-7092a													
EP-7092b													
EP-7109													
EP-7125													
EP-7119													
EP-7121													
EP-7120													
EP-7112													
EP-7122													
EP-7041	2			15									
EP-7045													
EP-7042				1									
EP-7043				3									
EP-7049													
EP-7044	1			1									
EP-7040	3			4									
EP-7038				2									
EP-7090													
EP-7046				2									
EP-7039				1									
EP-7053													
EP-7068	1			3									
EP-7096													
EP-7080				1									
EP-7084													

PROV	V205	V206	V207	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
EP-7114	1												
EP-7088													
EP-7060													
EP-7144													
EP-7123				1									
EP-7111			1										
EP-7145			1										
EP-7146													
EP-7115													1
EP-7127													
EP-7133													
EP-7070													1
EP-7081													
EP-7083													
EP-7140													
EP-7051													
EP-7086													
EP-7087													
EP-9048													
EP-9053													
EP-9058													
EP-9054													
EP-9057													
EP-9049				1									
EP-9047													
EP-9051													
EP-9143													
EP-9142													
EP-9148													
EP-9150													
EP-9147													
EP-9146													
EP-9139													
EP-9144													
EP-9137													
EP-9151													
EP-9165													
EP-9168													
EP-9170													
EP-9169													
EP-9166													
EP-9171													
EP-9172													
EP-9141				2									
EP-9145				1									
EP-9135	1												
EP-9136													
EP-9132													
EP-9158													
EP-9160													
EP-9134													
EP-9119													
EP-9117				1									
EP-9110													
EP-9133		1											
EP-9106													
EP-9109													
EP-9116													
EP-9111													
EP-9121	1			1									
EP-9114													
EP-9162				2									
EP-9112													
EP-9113													
EP-9153	1			3									

PROV	V205	V206	V207	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
EP-9157													
EP-9127				3									
EP-9102				1									
EP-9118													
EP-9120				3									1
EP-9163				1									
EP-9122				1									
EP-9082													
EP-9073													
EP-9099													
EP-9128													
EP-9066													
EP-9084													
EP-9064	1			1									
EP-9072				1									
EP-9070				1									
EP-9060													
EP-9074				2									
EP-9090				1									
EP-9107				1									
EP-9092	1												
EP-9101				1									
EP-9124	1	1		3									
EP-9085				2									
EP-9104	1			1									
EP-9093				1									
EP-9129													
EP-9096													
EP-9103													
EP-9098													
EP-9154													
EP-9089				2									
EP-9100													
EP-9105													
EP-9097													
EP-9095													
EP-9108													
EP-9156													
EP-9149	1			1			1						
EP-9055	1			1		1							
EP-9126	1												
EP-9056				5									
EP-9131													
EP-9123	1			2									
EP-9059													
EP-9138													
EP-9091	1			1									
EP-9078	1			3									
EP-9088	2			1									
EP-9081													
EP-9094	1			4									
EP-9130	4			19		6	1						1
EP-9115				5		3			1				
EP-9140				9		1	4		1				
EP-9087													
EP-9083	1			2									
EP-9075		1											
EP-9080				1									
EP-9077													
EP-9079													
EP-9067													
EP-9069													
EP-9086													
EP-9076													
EP-9065													

PROV	V205	V206	V207	V208	V209	V210	V211	V212	V213	V214	V215	V216	V217
EP-9062				1									
EP-9063													
EP-9071													
EP-9068													
EP-9061				1									1
EP-9045													
EP-9052													
EP-9050		1		2									
EP-9046				4		1							
EP-9022				5									
EP-9035				1									
EP-9029	1			1									
EP-9021				2									
EP-9038				1		1							
EP-9042				1		1							
EP-9027				1			1						
EP-9014				2									
EP-9024				1									
EP-9017													
EP-9019				1									
EP-9023													
EP-9004				3									
EP-9012				1									
EP-9013				1		1							
EP-9015													
EP-9016													
EP-9008				4									
EP-9007				1									
EP-9009													
EP-9010				3									
EP-9006				1									
EP-9002	1			3			1						
EP-9005	1			1									
EP-9003													
EP-9000													
EP-9001	1			1									
EP-9164				1									
EP-9041				2									
EP-10,000c				1									
EP-10,000d				2									
EP-10,000a	1												
EP-10,000b	3	1											
EP-10,000e													
EP-10,000f													
EP-10,000g				1									
EP-10,000h	1			1									
EP-10,000i													
EP-10,000j													
EP-10,000k													
EP-10,000l													
EP-9036													
EP-9043				3									
EP-9011				2									
EP-9030				1		1							
EP-9032				1									
EP-9028	1			1		2							
EP-9020													
EP-9026				1									
EP-9044													
EP-9025	1												
EP-9033				1									
EP-9037													
EP-9039													
EP-9034													
EP-9159				1									

Table D.9 - El Palenque Ceramics by Gray Bowl Rim Form

PROV	V220	V221	V222	V223	V224	V226	V227	V228	V229	V230	V231	V238	V239
EP-7104	1	5									1	1	
EP-7107		4											
EP-7078		3											
EP-7077		6						2				1	
EP-7101	3	8											
EP-7074		6		1				1					
EP-7065		4											
EP-7103		4											
EP-7062		5											
EP-7063												1	
EP-7076													
EP-7071													
EP-7075													
EP-7064													
EP-7056	3	3		1						1			
EP-7058		1											
EP-7057		8											
EP-7061		2											
EP-7050		13		4								1	
EP-7055		2		1									
EP-7052	1	3										3	
EP-7048		7		2									
EP-7059		11		4				2					
EP-7067		2										3	
EP-7094a		3		1									
EP-7094b		4											1
EP-7066		4										1	
EP-7073		31		2						1		3	
EP-7094	1	3						2					
EP-7047	1	5		1			1						1
EP-7072	1	5								1		1	
EP-7100	1	13		1			1	2				3	1
EP-7102	1	2											1
EP-7106		4											
EP-7091	1	12		2				1					2
EP-7098		21	1	2			1	8				3	
EP-7093	3	12		1		2	1	2				3	2
EP-7135													
EP-7118	1	12						1				1	
EP-7095		15										3	
EP-7134													
EP-7128		1											
EP-7136													
EP-7130		3											
EP-7131		5										5	
EP-7116		7											
EP-7089		8						1					
EP-7079	3	13						2				1	
EP-7097	1	6										1	2
EP-7099	10	82	1	24	2	10	1	5		6		5	3
EP-7110	1	15		2								1	
EP-7113		16						1				1	
EP-7105	3	56		3				5				8	2
EP-7124		3				1							
EP-7117	1	6										1	
EP-7092a		1		1									
EP-7092b		2											
EP-7109		12										1	
EP-7125		5		1									
EP-7119													
EP-7121													
EP-7120													

PROV	V220	V221	V222	V223	V224	V226	V227	V228	V229	V230	V231	V238	V239
EP-7112		2		3								1	
EP-7122													
EP-7041	10	42	1	23	3	11	1	1		3		16	
EP-7045	1	3		3				1				2	
EP-7042	4	9		12		4		2				5	
EP-7043	7	4						1					
EP-7049		3											
EP-7044	5	12		6						3			
EP-7040	3	14		15		8		2				13	1
EP-7038	8	10		16		4	1	3				5	1
EP-7090		2		1									
EP-7046	2	11		5				1					
EP-7039	2	8		2					1				
EP-7053						1							
EP-7068	7	39	1	24				1				11	
EP-7096	1	4	1	2								1	
EP-7080		3	4										
EP-7084		3											
EP-7114		7	1	2		1		1		1		5	
EP-7088													
EP-7060		2		1									
EP-7144		2				1							
EP-7123	3	13											
EP-7111		1											
EP-7145		1											
EP-7146													
EP-7115	1												
EP-7127		1											
EP-7133													
EP-7070													
EP-7081		5		2									
EP-7083													
EP-7140													
EP-7051	1	1		1								1	
EP-7086		5										1	1
EP-7087	1												
EP-9048	1	4										3	
EP-9053													
EP-9058		2											
EP-9054	1	5						1					
EP-9057													
EP-9049	1	3		2								1	1
EP-9047													
EP-9051		4										4	
EP-9143													
EP-9142													
EP-9148													
EP-9150	1	4					1						
EP-9147													
EP-9146													
EP-9139		1											
EP-9144		3										1	
EP-9137		3											
EP-9151		1										2	
EP-9165		1											
EP-9168		3											
EP-9170													
EP-9169													
EP-9166		2											
EP-9171		1		1									
EP-9172													
EP-9141	1	23		1								2	
EP-9145		8										1	1
EP-9135		2											
EP-9136		2											

PROV	V220	V221	V222	V223	V224	V226	V227	V228	V229	V230	V231	V238	V239
EP-9132													
EP-9158		3											
EP-9160		4											
EP-9134		3		1									
EP-9119		1											
EP-9117				1									
EP-9110													
EP-9133		2											
EP-9106		4	2										
EP-9109		6		1				1					
EP-9116		2											
EP-9111	1	1											
EP-9121		8		1				1					
EP-9114		3											
EP-9162		7											
EP-9112	1	5		2								1	
EP-9113		5											
EP-9153	5	31		5				3				4	
EP-9157		8		1				1				3	
EP-9127		12											
EP-9102		16						3				2	
EP-9118		7		2				3				1	
EP-9120		16		3			1	2				1	
EP-9163	1	8											
EP-9122		8										3	
EP-9082	1	1										1	
EP-9073		2											
EP-9099		1											
EP-9128												1	
EP-9066		1						1				2	1
EP-9084	2												
EP-9064		8		1	1		1	3	1				
EP-9072		2								1		1	
EP-9070	6	6						1					
EP-9060	3	9						1				1	
EP-9074		4						1					
EP-9090		14											2
EP-9107		5		2									
EP-9092		4		1				2					
EP-9101		12						1					
EP-9124	2	35		11			1	4				5	
EP-9085								2				1	
EP-9104	1	4											
EP-9093	1	1		2									
EP-9129		3										2	
EP-9096	1	3											
EP-9103		3											
EP-9098								1					
EP-9154		3						1					
EP-9089		8		1								2	
EP-9100													
EP-9105													
EP-9097		1											
EP-9095		3											
EP-9108	1	1											
EP-9156		3						1					
EP-9149	2	51		15			1	4				6	
EP-9055		9		5									1
EP-9126	5	7		3				1					
EP-9056		27		7				3				3	
EP-9131		7		1				1				1	
EP-9123	10			3				2					
EP-9059	1	15		1				1					1
EP-9138		11											
EP-9091		21		9				4				3	

PROV	V220	V221	V222	V223	V224	V226	V227	V228	V229	V230	V231	V238	V239
EP-9078	1	18		5				3				2	
EP-9088		26		2			1	2				1	1
EP-9081	2	15		7				1				4	
EP-9094	1	12		6								1	
EP-9130	9	117		11			1	22				13	2
EP-9115	1	45		7				6				2	
EP-9140	5	68		7				9				6	1
EP-9087	1	29		3			2					3	
EP-9083		27		4				7				5	
EP-9075		6		1								1	
EP-9080		2											
EP-9077		2											
EP-9079		1											
EP-9067													
EP-9069		1											
EP-9086		1											
EP-9076		2						1					
EP-9065		7											
EP-9062		1											
EP-9063		1											
EP-9071		2						1				1	
EP-9068		3						1					
EP-9061		11						1				3	2
EP-9045	1	10		1				1				2	1
EP-9052		6		1									
EP-9050	1	26		1				6		1		5	3
EP-9046	1	25						7				4	1
EP-9022	9	11										5	
EP-9035	10	8										1	
EP-9029	12	40		4				6				7	1
EP-9021	15	13		1									1
EP-9038	11	11		1								2	
EP-9042	10	11						2					
EP-9027	36	16						3					1
EP-9014	19	12						2					
EP-9024	17	26						5					
EP-9017	11	12						1					
EP-9019	3												
EP-9023	3	3						3				3	
EP-9004	38	28		1				2					
EP-9012	10	26						1					
EP-9013	6	32											
EP-9015	11	7						1				7	
EP-9016	12	12						1				1	
EP-9008	3	30		4								1	
EP-9007	2	27		2				2				5	
EP-9009	7	14		1									
EP-9010	1	18		7									
EP-9006		17										8	1
EP-9002	1	16		1				1				8	1
EP-9005		28		1				2					
EP-9003		11						1				2	1
EP-9000		2											
EP-9001		12											1
EP-9164		3											
EP-9041	7	32		2									
EP-10,000c	14	11						1				1	
EP-10,000d		4		1									
EP-10,000a		4											
EP-10,000b													
EP-10,000e		4											
EP-10,000f		1										1	
EP-10,000g	1	2										2	
EP-10,000h	5	2											
EP-10,000i		1											

PROV	V220	V221	V222	V223	V224	V226	V227	V228	V229	V230	V231	V238	V239
EP-10,000j													
EP-10,000k		1											
EP-10,000l		1											
EP-9036	18	13											1
EP-9043	8	15		4				2					1
EP-9011	5	13											
EP-9030	6	11											
EP-9032	4	9											
EP-9028	7	11						2					
EP-9020	7	9						2					
EP-9026	2	5		1								3	
EP-9044		6		2				1					
EP-9025	5	6											1
EP-9033	3	5										2	
EP-9037		5											
EP-9039		3										2	
EP-9034		4											
EP-9159												1	

Table D.10 - El Palenque Ceramics by Gray Decoration Form and Type

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V251	V252	V253	V258	V259
EP-7104	6						1		8	8			
EP-7107	4	1							10	10			
EP-7078	2						1		4	4			
EP-7077	7	2	1						27	26	1		
EP-7101	7						1		16	15			1
EP-7074	7		1				3		17	16	1		
EP-7065	2								4	4			
EP-7103	4		1				1		12	12	5		
EP-7062	4								13	13			
EP-7063	1	1	1						3	2	1		
EP-7076									1		1		
EP-7071													
EP-7075							1		1	1	1		
EP-7064									2	2			
EP-7056	6						1		16	14			2
EP-7058	1								3	3			
EP-7057	8				1		4		18	18	1		
EP-7061	2								5	5			
EP-7050	17						5		35	34	1		
EP-7055	3		1						4	3	1		
EP-7052	4	3			1		3		16	16			
EP-7048	9		1		3				23	23			
EP-7059	14		4		3		11		42	41	8		
EP-7067	5						4		10	10			
EP-7094a	4		1						8	8	1		
EP-7094b	5				1				9	9	3		
EP-7066	5								10	10			
EP-7073	27	1	1		2		5		47	47	2		
EP-7094	2		3		9		6		25	20	7		
EP-7047	8					1	2		18	17	3		
EP-7072	7		1		1		4		21	21	3		
EP-7100	16	1					3		28	27	1		
EP-7102	2						1		3	3	1		
EP-7106	4						4		8	8			
EP-7091	17		1				3		30	29	3		1
EP-7098	22	3	3	2	2		7		51	47	5		
EP-7093	21	1					5		40	40	4		
EP-7135													
EP-7118	11		1		1		7		33	31	2		
EP-7095	16		1				3		24	23	3		
EP-7134													
EP-7128	1	1	1		1	1			7	6	1		
EP-7136			1		1		3		8	7	2		

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V251	V252	V253	V258	V259
EP-7130	3								5	5	1		
EP-7131	8		1				2		17	16	1		
EP-7116	7		2		1		3		17	17	2		
EP-7089	5								9	9			
EP-7079	10		3		2	1	1		23	22	3		
EP-7097	6	2	1				4		16	16	3		
EP-7099	115	7	13	1	6		33		257	254	34		
EP-7110	17						3		21	21			
EP-7113	15			1			1		28	28	4		
EP-7105	68	1	2	1	3		15		160	154	11		3
EP-7124	4		2		1		2		11	11			
EP-7117	7	2					2		22	22			
EP-7092a	2								2	2			
EP-7092b	2								2	2			
EP-7109	11								16	16	1		
EP-7125	6						1		7	7			
EP-7119									2	2			
EP-7121													
EP-7120													
EP-7112	5				1		2		10	10			
EP-7122							1		2	2			
EP-7041	78	6		2	3		14		153	152	8		
EP-7045	4						3		14	14			
EP-7042	26	2			3	1	7		49	49	3		
EP-7043	3		3						11	11	3		
EP-7049	4				4				12	12			
EP-7044	23	3		1			6		44	44	1		
EP-7040	51	2		1	3		11		86	83	2		
EP-7038	39			1	4	1	11		81	80	3		
EP-7090	2								2	2			
EP-7046	17	1	1				11		40	40	4		
EP-7039	11					1	1		16	16	1		
EP-7053	1	1					1		4	4			
EP-7068	54	5	3	4	2		16		141	137	16		
EP-7096	7	1					7		28	28	2		
EP-7080	7		1						13	13	1		
EP-7084		1	1		1				4	4	1		
EP-7114	14				1	1	4		28	27	2		
EP-7088					1		1		3	3			
EP-7060	1	2							6	6	3		
EP-7144	2						1		4	4			
EP-7123	13	1	1						18	18	1		
EP-7111	1								3	2	1		
EP-7145							1		1	1			
EP-7146									1	1			
EP-7115									3	1	3		
EP-7127	1	1							2	2			
EP-7133													
EP-7070				2					4	4	3		
EP-7081	4	1			1		2		15	15			
EP-7083													
EP-7140													
EP-7051	3				1		2		7	7			
EP-7086	2	1					1		7	6	1		
EP-7087													
EP-9048	5						2		8	8			
EP-9053													
EP-9058	1						1		2	2	1		
EP-9054	7				1		2		14	13			1
EP-9057									1	1			
EP-9049	6		1		1		3		13	13	4		
EP-9047							1		1	1			
EP-9051	5								7	7			
EP-9143													
EP-9142													

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V251	V252	V253	V258	V259
EP-9148							1		1	1			
EP-9150	6	1					1		10	10			
EP-9147													
EP-9146													
EP-9139	1				1				3	3			
EP-9144	4						2		12	12			
EP-9137	2								4	4			
EP-9151	2								3	3			
EP-9165	1								1	1			
EP-9168	3								3	3			
EP-9170													
EP-9169							1		2	1	1		
EP-9166	2								3	3			
EP-9171	2				1				4	4			
EP-9172													
EP-9141	23	1	2				4		49	48	4		
EP-9145	9	2			2		1		23	22	4		
EP-9135	2								4	4			
EP-9136	1								1	1			
EP-9132													
EP-9158	3								3	3			
EP-9160	3								5	5			
EP-9134	4						6		12	12			
EP-9119	1								1	1			
EP-9117	1								3	3	1		
EP-9110		1					1		2	2	1		
EP-9133	2			1			9		13	13	2		
EP-9106	5						3		17	17			
EP-9109	5						1		8	8	1		
EP-9116	1						2		4	4			
EP-9111	1				4		3		12	12			
EP-9121	6		1		1		3		16	16	2		
EP-9114	1	3							4	4			
EP-9162	7		2		3		4		30	30	2		
EP-9112	7				2				11	11			
EP-9113	5								6	6	1		
EP-9153	39	1	3		1		7		81	79	8		
EP-9157	12	1					2		22	22			
EP-9127	10		3				3		24	24	6		
EP-9102	19		1				4		40	39	3		
EP-9118	6				1		2		17	17	1		
EP-9120	16	2	3		3		3		35	34	6		
EP-9163	7		1						10	9	1		
EP-9122	10		1				5		28	28	1		
EP-9082	3						1		6	5	1		1
EP-9073	1								1	1			
EP-9099									1		1		
EP-9128	1	1							4	4			
EP-9066	3				1				6	5	1		
EP-9084	1								1				1
EP-9064	11		1		1		2		26	25	2		
EP-9072	4		1				1		8	8	2		
EP-9070	11						2		17	10	2		6
EP-9060	10						3		15	13			2
EP-9074	5		2				1		10	8	2		
EP-9090	13	1	1						27	25	3		
EP-9107	7						1		17	17	1		
EP-9092	6	2							12	12			
EP-9101	12	1	1		2		4		30	29	1		
EP-9124	48	1	3		2		8		90	87	6		
EP-9085	3		2						7	7	2		
EP-9104	4		1						5	5	1		
EP-9093	2		1						4	4	1		
EP-9129	3						2		5	5			
EP-9096	4								6	5			1

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V251	V252	V253	V258	V259
EP-9103	3	1							7	7			
EP-9098	1						1		3	3			
EP-9154	3						1		4	4			
EP-9089	9						4		16	15	4		
EP-9100													
EP-9105									14	14			
EP-9097									2	2	1		
EP-9095	3						1		6	6			
EP-9108	1								1	1			
EP-9156	3								5	5	1		
EP-9149	64	3	2		3		5		110	108	6		
EP-9055	9						2		30	28	3		
EP-9126	14								18	13			5
EP-9056	36	3	5				3		76	75	8		
EP-9131	8						1		11	11			
EP-9123	14	2	2		2		2		30	29	3		
EP-9059	13						8		37	36	9		
EP-9138	11								30	30			
EP-9091	33	3	1		2		5		70	70	5		
EP-9078	26	1	3		1		5		43	42	3		
EP-9088	24	1	1		1		3		40	40	4		
EP-9081	24	2			1		4		39	39	2		
EP-9094	14	1	3		1		3		40	25	6		
EP-9130	144	1	16	2	14	1	27		340	328	44		
EP-9115	53	4	5	1	2	1	14		128	121	12		
EP-9140	74	6	14	1	1	1	18		194	190	25		
EP-9087	25	2			2		1		62	61	2		
EP-9083	35	1	2		1		8		70	69	8		
EP-9075	7						2		9	9			
EP-9080	2	2				1	1		6	6	1		
EP-9077	1						1		3	3			
EP-9079	1						1		4	4	1		
EP-9067									1	1			
EP-9069									1	1			
EP-9086							4		4	4			
EP-9076	3								4	4			
EP-9065	5								7	7			
EP-9062	1		1				1		6	5	1		
EP-9063	1								7	7			
EP-9071	3								10	10			
EP-9068	4								6	6			
EP-9061	12		1		1				23	21	3		
EP-9045	14	1					8		31	29	7		1
EP-9052	6				1				14	14	1		
EP-9050	32	1	1		1	1	5		59	58	6		
EP-9046	34	2	4	1	4		7		66	57	10		3
EP-9022	20	2	5				8		48	45	5		
EP-9035	16	1	1				10		46	45	2		
EP-9029	48	5	1				6		92	92	5		
EP-9021	25	1	2				1		50	48	3		
EP-9038	20	4	1	1	1		1		36	34	3		
EP-9042	22		1	1			4		40	39	4		
EP-9027	40		1	1	3		11		97	96	3		
EP-9014	27		2				7		59	57	2		
EP-9024	38	1	1		1		2		54	53	3		
EP-9017	20						1		38	38			
EP-9019	1		1						4	3	1		
EP-9023	8								11	11			
EP-9004	43	4	3		2		4		90	90	3		
EP-9012	32	1	1				7		62	62	2		
EP-9013	23		2		3		9		59	57	2		
EP-9015	21	1					6		48	47	3	1	
EP-9016	18				2		8		46	46			
EP-9008	28	1	4						57	54	4		
EP-9007	29	2	1				3		53	53	3		

PROV	V241	V242	V243	V244	V245	V246	V247	V248	V251	V252	V253	V258	V259
EP-9009	17								24	24			
EP-9010	26		3		1				34	31	4		
EP-9006	22		1		1		3		40	40	2		
EP-9002	24		4		1	1	5		62	60	6		
EP-9005	22		1		2		1		47	46	2		
EP-9003	12						4		25	25	1		
EP-9000	2								4	4			
EP-9001	10		1		3		7		34	34	1		
EP-9164	2		1						4	4	2		
EP-9041	28	1	2		2		4		45	43	5		
EP-10,000c	16	4	1				1		24	23	2		
EP-10,000d	1	1	2						6	5	3		
EP-10,000a	1	1							4	4			
EP-10,000b									1	1			
EP-10,000e	2								3	3	1		
EP-10,000f	2	2							5	5			
EP-10,000g	3								9	9	3		
EP-10,000h	4		1			1	1		10	9	1		
EP-10,000i	1								4	4			
EP-10,000j									2	2			
EP-10,000k	1								2	2			
EP-10,000l	1								4	4	1		
EP-9036	27						5		57	57	3		
EP-9043	20		3		2				43	41	4		
EP-9011	15		2	1			1		31	29	3		
EP-9030	13	1	2						24	22	2		
EP-9032	11		1		1		3		28	27	1		
EP-9028	18		3		1		5		42	39	8		
EP-9020	13	1			2		5		27	27			
EP-9026	10		1	1	2		2		18	17	1		
EP-9044	8	3							14	14			
EP-9025	9								18	18			
EP-9033	8	1	1				1		14	14	1		
EP-9037	4				1				7	7			
EP-9039	3						1		7	7	1		
EP-9034	3						1		6	6			
EP-9159	1		1				2		4	3	2		

Table D.11 - El Palenque Ceramics by Gray Bowl Motifs (Part 1)

PROV	V271	V272	V273	V274	V275	V276	V277	V278	V279	V280
EP-7104	1	3		2						
EP-7107			3				1			
EP-7078		1		1						
EP-7077		7								
EP-7101	1	5		1						
EP-7074		5		2						
EP-7065		1		1						
EP-7103	1	3								
EP-7062	1	2								
EP-7063	1									
EP-7076										
EP-7071										
EP-7075										
EP-7064										
EP-7056		5								
EP-7058		1								
EP-7057		7		1						
EP-7061		2								
EP-7050		15	1	1						
EP-7055		2					1			
EP-7052	1	1	2							
EP-7048	1	7		1						
EP-7059		11	1	2						
EP-7067	2	1	2							

PROV	V271	V272	V273	V274	V275	V276	V277	V278	V279	V280
EP-7094a		3		1						
EP-7094b		4	1							
EP-7066	1	2	1	1						
EP-7073	1	19	2	4			1			
EP-7094	1	1								
EP-7047		4		2				1		
EP-7072	1	4	1	1						
EP-7100		10	1	4						
EP-7102		1								
EP-7106		3		1						
EP-7091	3	12		2						
EP-7098	2	16	2	2						
EP-7093	2	9	7	3					1	
EP-7135										
EP-7118		7	1	1						
EP-7095	2	9		3						
EP-7134										
EP-7128				1						
EP-7136										
EP-7130		1		2						
EP-7131	3	2	2	1						
EP-7116		5	1	1						
EP-7089		5								
EP-7079		6		3						
EP-7097		2		2	2					
EP-7099	8	61	5	27			9			1
EP-7110		15	1	1						
EP-7113	3	8		3			1			
EP-7105	1	33	7	17			6			2
EP-7124	1	3								
EP-7117	1	6								
EP-7092a		2								
EP-7092b		2								
EP-7109	1	11								
EP-7125		5	1							
EP-7119										
EP-7121										
EP-7120										
EP-7112		4	1							
EP-7122										
EP-7041	4	47	8	17			1		1	
EP-7045		4								
EP-7042	1	17	5	2			1		1	
EP-7043	1	2								
EP-7049		3								
EP-7044	1	13	1	7						
EP-7040	1	34	9	5					3	1
EP-7038	2	28	4	6						
EP-7090	1	1								
EP-7046		13		1						
EP-7039	1	9			1				1	
EP-7053							1			
EP-7068	7	25	7	13					1	
EP-7096	2	2		3						
EP-7080	1	5		1						
EP-7084										
EP-7114		8	4	2						
EP-7088										
EP-7060				1						
EP-7144		2								
EP-7123	2	9		1						
EP-7111	1									
EP-7145										
EP-7146										
EP-7115										

PROV	V271	V272	V273	V274	V275	V276	V277	V278	V279	V280
EP-7127		2								
EP-7133										
EP-7070										
EP-7081	1	3								
EP-7083										
EP-7140										
EP-7051		1	2							
EP-7086	2									
EP-7087										
EP-9048		3	1	1						
EP-9053										
EP-9058		1								
EP-9054		5	1							
EP-9057										
EP-9049	1	4	1							
EP-9047										
EP-9051		4	1							
EP-9143										
EP-9142										
EP-9148										
EP-9150	1	5								
EP-9147										
EP-9146										
EP-9139		1								
EP-9144	1	3								
EP-9137	1	1								
EP-9151		1	1							
EP-9165		1								
EP-9168		3								
EP-9170										
EP-9169										
EP-9166		2								
EP-9171		2								
EP-9172										
EP-9141	5	10	4	3			1			
EP-9145	5	2	1							
EP-9135		2								
EP-9136		1								
EP-9132										
EP-9158		3								
EP-9160	1	1						1		
EP-9134		3		1						
EP-9119			1							
EP-9117		1								
EP-9110										
EP-9133		2								
EP-9106		5								
EP-9109		5								
EP-9116				1						
EP-9111		1								
EP-9121	1	5								
EP-9114		1								
EP-9162		7								
EP-9112		6		1						
EP-9113	1	4								
EP-9153	2	33	1	2						
EP-9157		8	3	1						
EP-9127		7		3						
EP-9102	1	14		4						
EP-9118		5	1							
EP-9120	2	14								
EP-9163		7								
EP-9122		7	3							
EP-9082	1	1								
EP-9073	1									

PROV	V271	V272	V273	V274	V275	V276	V277	V278	V279	V280
EP-9099										
EP-9128			1							
EP-9066		1			1					
EP-9084										
EP-9064	1	9	1							
EP-9072	3	1								
EP-9070		5								
EP-9060	3	5								
EP-9074	2	2		1						
EP-9090		9		1					1	
EP-9107		6		1						
EP-9092		5	1							
EP-9101	1	11								
EP-9124	11	32		4			1			
EP-9085		2	1							
EP-9104		1	2	1						
EP-9093		1	1							
EP-9129		1	2							
EP-9096		3								
EP-9103	1	2								
EP-9098		1								
EP-9154		1		1						
EP-9089	1	7	1							
EP-9100										
EP-9105										
EP-9097										
EP-9095		3								
EP-9108		1								
EP-9156		1		2						
EP-9149	5	48	6	2			1			
EP-9055		7	1		1					
EP-9126		9								
EP-9056	8	24		4						
EP-9131		7	1							
EP-9123		12		2						
EP-9059	1	11								
EP-9138		11								
EP-9091	1	31		1						
EP-9078		25		1						
EP-9088		22	1	1						
EP-9081	1	17	2	4						
EP-9094	1	12		1						
EP-9130	15	100	12	13			2			
EP-9115	2	43	3	1			1			
EP-9140	7	57	4	1	1		2			
EP-9087	1	22		1						
EP-9083	3	29	3							
EP-9075		4	2	1						
EP-9080		2								
EP-9077		1								
EP-9079		1								
EP-9067										
EP-9069										
EP-9086										
EP-9076		3								
EP-9065		5								
EP-9062		1					1			
EP-9063		1								
EP-9071		1		2						
EP-9068		3		1						
EP-9061	1	4	2	4						
EP-9045	1	8	1	2						
EP-9052		6								
EP-9050	4	21	4	2						
EP-9046	5	16	6	5						

PROV	V271	V272	V273	V274	V275	V276	V277	V278	V279	V280
EP-9022	2	12	5	1						
EP-9035		11	3	1			1		1	
EP-9029		28	11	8	1					
EP-9021	3	15	3	3						
EP-9038		11	6	3						
EP-9042		19	1	2						
EP-9027		21	9	6			3		3	
EP-9014	3	15	6	2			1		1	
EP-9024	3	24	8	3						
EP-9017	1	7	8	4						
EP-9019		1								
EP-9023		8								
EP-9004		31	9	3						
EP-9012	1	27	4							
EP-9013		13	5	5						
EP-9015		11	7	1	1					
EP-9016	1	9	4	3			1		2	
EP-9008	2	18	7							
EP-9007	5	19		5						
EP-9009		15		2						
EP-9010		18	4	4						
EP-9006	1	9	5	4			1	1		
EP-9002	1	14	9							
EP-9005		18		4						
EP-9003	2	6	3	1						
EP-9000		2								
EP-9001	1	7					1			
EP-9164	1	1								
EP-9041		22	5	1						
EP-10,000c		13	2		1					
EP-10,000d		1								
EP-10,000a			1							
EP-10,000b										
EP-10,000e		1		1						
EP-10,000f	1	1								
EP-10,000g		1	2							
EP-10,000h		3		1						
EP-10,000i		1								
EP-10,000j										
EP-10,000k		1								
EP-10,000l				1						
EP-9036		20	1	5						
EP-9043	1	16		1			1			
EP-9011	3	6	4	2						
EP-9030		12		1						
EP-9032		9					1			
EP-9028	2	14	2							
EP-9020		9	2	2						
EP-9026		7	1	2						
EP-9044		7		1						
EP-9025		7	1	1						
EP-9033	1	6								
EP-9037		3		1						
EP-9039		3								
EP-9034		2		1						
EP-9159			1							

Table D.12 - El Palenque Ceramics by Gray Bowl Motifs (Part 2)

PROV	V281	V282	V283	V284	V285	V286	V287	V288	V289	V290
EP-7104										
EP-7107										
EP-7078										
EP-7077										
EP-7101										

PROV	V281	V282	V283	V284	V285	V286	V287	V288	V289	V290
EP-7074										
EP-7065										
EP-7103										
EP-7062						1				
EP-7063										
EP-7076										
EP-7071										
EP-7075										
EP-7064										
EP-7056										
EP-7058										
EP-7057										
EP-7061										
EP-7050										
EP-7055		1								
EP-7052										
EP-7048										
EP-7059										
EP-7067										
EP-7094a										
EP-7094b							1			
EP-7066										
EP-7073		1								
EP-7094										
EP-7047										
EP-7072										
EP-7100										
EP-7102	1									
EP-7106										
EP-7091							2			
EP-7098								1		
EP-7093		1								
EP-7135										
EP-7118	1	1						1		
EP-7095						1				
EP-7134										
EP-7128										
EP-7136										
EP-7130										
EP-7131										
EP-7116										
EP-7089										
EP-7079						1				
EP-7097	1	1						2		
EP-7099	3	2			3	7	2			
EP-7110										
EP-7113							1	2	1	
EP-7105	1	3				3				1
EP-7124										
EP-7117										
EP-7092a										
EP-7092b										
EP-7109										
EP-7125										
EP-7119										
EP-7121										
EP-7120										
EP-7112										
EP-7122										
EP-7041	2									
EP-7045										
EP-7042		1								
EP-7043										
EP-7049										
EP-7044			1							

PROV	V281	V282	V283	V284	V285	V286	V287	V288	V289	V290
EP-7040										
EP-7038										
EP-7090										
EP-7046										
EP-7039										
EP-7053		1								
EP-7068		2								
EP-7096	1									
EP-7080										
EP-7084										
EP-7114										
EP-7088										
EP-7060										
EP-7144										
EP-7123										
EP-7111										
EP-7145										
EP-7146										
EP-7115										
EP-7127										
EP-7133										
EP-7070										
EP-7081										
EP-7083										
EP-7140										
EP-7051										
EP-7086										
EP-7087										
EP-9048										
EP-9053										
EP-9058										
EP-9054										
EP-9057										
EP-9049							1			
EP-9047										
EP-9051										
EP-9143										
EP-9142										
EP-9148										
EP-9150										
EP-9147										
EP-9146										
EP-9139										
EP-9144										
EP-9137										
EP-9151										
EP-9165										
EP-9168										
EP-9170										
EP-9169										
EP-9166										
EP-9171										
EP-9172										
EP-9141		1								
EP-9145	1									
EP-9135										
EP-9136										
EP-9132										
EP-9158										
EP-9160										
EP-9134										
EP-9119										
EP-9117										
EP-9110										
EP-9133										

PROV	V281	V282	V283	V284	V285	V286	V287	V288	V289	V290
EP-9106										
EP-9109										
EP-9116										
EP-9111										
EP-9121										
EP-9114										
EP-9162										
EP-9112										
EP-9113										
EP-9153		1								
EP-9157										
EP-9127										
EP-9102										
EP-9118										
EP-9120										
EP-9163										
EP-9122										
EP-9082										
EP-9073										
EP-9099										
EP-9128										
EP-9066							1			
EP-9084										
EP-9064										
EP-9072										
EP-9070										
EP-9060										
EP-9074										
EP-9090					1		1			
EP-9107										
EP-9092										
EP-9101										
EP-9124		1								
EP-9085										
EP-9104										
EP-9093										
EP-9129										
EP-9096										
EP-9103										
EP-9098										
EP-9154	1									
EP-9089										
EP-9100										
EP-9105										
EP-9097										
EP-9095										
EP-9108										
EP-9156										
EP-9149	1	1				1				
EP-9055							1			
EP-9126										
EP-9056										
EP-9131										
EP-9123										
EP-9059										
EP-9138										
EP-9091										
EP-9078										
EP-9088										
EP-9081										
EP-9094										
EP-9130	1	2			4	1				
EP-9115		1				3				
EP-9140		2					1			
EP-9087					1					

PROV	V281	V282	V283	V284	V285	V286	V287	V288	V289	V290
EP-9083										
EP-9075										
EP-9080										
EP-9077										
EP-9079										
EP-9067										
EP-9069										
EP-9086										
EP-9076										
EP-9065										
EP-9062	1	1								
EP-9063										
EP-9071							1			
EP-9068										
EP-9061							1			
EP-9045										
EP-9052										
EP-9050	1						2			
EP-9046								1		
EP-9022										
EP-9035										
EP-9029							1			
EP-9021							1			
EP-9038										
EP-9042		1								
EP-9027										
EP-9014										
EP-9024										
EP-9017										
EP-9019										
EP-9023										
EP-9004										
EP-9012										
EP-9013										
EP-9015	1			1	1					
EP-9016		1		1	1					
EP-9008	1									
EP-9007										
EP-9009					1					
EP-9010										
EP-9006	1				1					
EP-9002							1			
EP-9005										
EP-9003										
EP-9000										
EP-9001		1					1			
EP-9164										
EP-9041										
EP-10,000c							1			
EP-10,000d										
EP-10,000a										
EP-10,000b										
EP-10,000e										
EP-10,000f										
EP-10,000g										
EP-10,000h										
EP-10,000i										
EP-10,000j										
EP-10,000k										
EP-10,000l										
EP-9036					1					
EP-9043	1			1						
EP-9011										
EP-9030										
EP-9032	2				1					

PROV	V281	V282	V283	V284	V285	V286	V287	V288	V289	V290
EP-9028										
EP-9020										
EP-9026										
EP-9044										
EP-9025							1			
EP-9033	1									
EP-9037										
EP-9039										
EP-9034										
EP-9159										

Table D.13 - El Palenque Ceramics by G12 Type (Part 1)

PROV	V296	V297	V298	V299	V300	V301	V305	V306	V307	V308
EP-7104		4					4	3		
EP-7107		5					4	1	2	
EP-7078		1							1	
EP-7077		11			6		9	3		
EP-7101		9					8	4		
EP-7074		6					3	3	1	
EP-7065		2					2		2	
EP-7103		3					3	3		
EP-7062		8			1		8	8	1	
EP-7063										
EP-7076										
EP-7071										
EP-7075										
EP-7064		2					2	2		
EP-7056		9					5	3	3	
EP-7058		2					2	1	1	
EP-7057		5					1		1	
EP-7061		3					1	1	1	
EP-7050		7			3		5	3	3	
EP-7055										
EP-7052		4					3	2	1	
EP-7048		10					7	6		
EP-7059		5			5		5	2	2	
EP-7067		1					1		1	
EP-7094a		3					1	3		
EP-7094b		1							1	
EP-7066		4			1		4	1	1	
EP-7073		11					9	2	3	
EP-7094		3							1	
EP-7047		6					5		3	
EP-7072		6					5	1	2	
EP-7100		8					7	2	4	
EP-7102										
EP-7106										
EP-7091		8	2				5	1	8	
EP-7098		9			1		7	4	5	
EP-7093		9	2				7	3	6	
EP-7135										
EP-7118		12					10	2	6	
EP-7095		2					2			1
EP-7134										
EP-7128		1					1		1	
EP-7136		2					1		2	
EP-7130			1							
EP-7131		4	2				1	2	4	
EP-7116		4					2		2	
EP-7089		4					4	1	1	
EP-7079		5					5	1	2	
EP-7097		3	1				2	1	1	
EP-7099		76					69	14	17	3
EP-7110		1					1	1		

PROV	V296	V297	V298	V299	V300	V301	V305	V306	V307	V308
EP-7113		5	2		2		7			
EP-7105		55	4		2		45	6	24	2
EP-7124		2					2	2		
EP-7117		11					10	5	1	
EP-7092a										
EP-7092b										
EP-7109		4					4	1	4	
EP-7125										
EP-7119		2					2	1	1	
EP-7121										
EP-7120										
EP-7112		1			1		1			
EP-7122		1					1			1
EP-7041		26	4		12		25	19	1	
EP-7045		5			2		4	5		
EP-7042		5	4		1		4	7		
EP-7043										
EP-7049		2	1		1		2	2		
EP-7044		5	1		4		5	3		
EP-7040		12	1		1		12	7	1	1
EP-7038	1	15	7				12	8		
EP-7090										
EP-7046		6	4				5	5	1	
EP-7039		3					1		1	1
EP-7053		1								
EP-7068		30	7		14		27	12	5	
EP-7096		8			3		6	3	1	
EP-7080		4			1		3	1	3	
EP-7084					1					
EP-7114		7					4			3
EP-7088		1					1			
EP-7060										
EP-7144		1								1
EP-7123	1	5					3		1	1
EP-7111		1					1			
EP-7145										
EP-7146										
EP-7115										
EP-7127		1								
EP-7133										
EP-7070		1					1			
EP-7081		5			2		4	4	1	
EP-7083										
EP-7140										
EP-7051		1					1	1		
EP-7086		2						1		
EP-7087										
EP-9048		1					1			
EP-9053										
EP-9058										
EP-9054		4					3	1	1	
EP-9057		1					1			
EP-9049		2							1	
EP-9047										
EP-9051		2							2	
EP-9143										
EP-9142										
EP-9148										
EP-9150		1			1		1		1	
EP-9147										
EP-9146										
EP-9139		1					1			
EP-9144		6					4	2	3	
EP-9137		2					2	1		
EP-9151		1					1			

PROV	V296	V297	V298	V299	V300	V301	V305	V306	V307	V308
EP-9165										
EP-9168										
EP-9170										
EP-9169		1					1		1	
EP-9166		2					1	1	2	
EP-9171		1					1		1	
EP-9172										
EP-9141		18					14	7	5	3
EP-9145		7					7			
EP-9135		2					1		2	
EP-9136										
EP-9132										
EP-9158										
EP-9160		3					3	2		
EP-9134		2					2		1	
EP-9119										
EP-9117		1					1	1		
EP-9110										
EP-9133		1							1	
EP-9106		7			2		4	1	7	
EP-9109		2					2	1		
EP-9116		1					1			
EP-9111		4					2	1	2	
EP-9121		4					2	2	1	
EP-9114										
EP-9162		12			2		7	4	4	
EP-9112		2					1	1	1	
EP-9113										
EP-9153		24			3		12	4	17	
EP-9157		7					4	1	5	
EP-9127		6					5	1	3	
EP-9102		14			1		10	1	8	
EP-9118		8					6	1	3	
EP-9120		7			1		5	1	4	
EP-9163		2					1	1		
EP-9122		12					6	3	2	
EP-9082		2					1		1	
EP-9073										
EP-9099										
EP-9128		2					2			
EP-9066		1			1		1	1		
EP-9084										
EP-9064		9	1				7	6		
EP-9072		2					2		2	
EP-9070		2							2	
EP-9060		2					2		1	
EP-9074		2					2		1	
EP-9090		8			4		8	3	2	
EP-9107		5			3		4		4	
EP-9092		4					3		3	
EP-9101		7			3		7	2	1	
EP-9124		23			2		14	7	9	
EP-9085		1			1		1			1
EP-9104										
EP-9093		1					1	1		
EP-9129										
EP-9096		2					1		2	
EP-9103		3					3	1	2	
EP-9098		1							1	
EP-9154										
EP-9089										
EP-9100										
EP-9105		7			7		4	2	8	
EP-9097		1					1		1	
EP-9095		2					1		1	

PROV	V296	V297	V298	V299	V300	V301	V305	V306	V307	V308
EP-9108										
EP-9156		1					1		1	
EP-9149		32					19	6	17	
EP-9055		15			1		7	2	11	
EP-9126		3			1		1	1	1	
EP-9056		26					23	1	13	
EP-9131		2					1	1		
EP-9123		7					5	3	4	
EP-9059		13					5	2	8	
EP-9138		19					13	4	13	
EP-9091		20			5		14	8	5	
EP-9078		6			1		5		5	
EP-9088		10					5	2	4	
EP-9081		7					2	4	3	
EP-9094		12			4		7	3	7	
EP-9130		117	1		7		78	22	48	
EP-9115		45	1				23	11	20	
EP-9140		74					46	13	45	
EP-9087		27			3		14	2	15	
EP-9083		19			1		11	1	11	1
EP-9075										
EP-9080										
EP-9077		1					1			
EP-9079		2					2	1		
EP-9067		1					1		1	
EP-9069		1						1		
EP-9086										
EP-9076		1							1	
EP-9065		2					2			
EP-9062		3					3	1		
EP-9063		4			2		4	2		
EP-9071		7					7	4	1	
EP-9068		2					2	2		
EP-9061		9					9	2		
EP-9045		8					5	3		
EP-9052		6					5	2	1	
EP-9050		16					11	2	9	
EP-9046		12					8		10	
EP-9022		13					11		2	
EP-9035		17					16	6	1	
EP-9029		30					20	4	5	
EP-9021		21					21		5	
EP-9038		7					5		3	
EP-9042		8	5				6	5	8	
EP-9027		41					38	11	2	
EP-9014		23					21	2	2	
EP-9024		10					9	2	1	
EP-9017		17					8		12	
EP-9019		2					2			
EP-9023		2					2			
EP-9004		34					31	7	16	
EP-9012		20					11	11		
EP-9013		22					17		6	
EP-9015		17					8	9		
EP-9016		18					11	7		
EP-9008		24					16	5	4	
EP-9007		16					13	2	6	
EP-9009		7					6	1		
EP-9010		3					1	1	1	
EP-9006		11					8	6	1	
EP-9002		26					19	4	12	
EP-9005		20					19	6	5	
EP-9003		9					7	2	4	
EP-9000		2					2		1	
EP-9001		13					12	3	3	

PROV	V296	V297	V298	V299	V300	V301	V305	V306	V307	V308
EP-9164										
EP-9041		7					6		4	
EP-10,000c		1					1	1		
EP-10,000d		1							1	
EP-10,000a		2						1	1	
EP-10,000b		1							1	
EP-10,000e										
EP-10,000f		1					1			
EP-10,000g		3					2	2		
EP-10,000h		3					3	1		
EP-10,000i		3					1	3		
EP-10,000j		2						2		
EP-10,000k		1					1	1		
EP-10,000l		2					1		1	
EP-9036		23					19		4	
EP-9043		17					17		9	
EP-9011		11					5		6	
EP-9030		8					5		6	
EP-9032		12					12	6		1
EP-9028		13					5	4	4	
EP-9020		6					5		3	
EP-9026		2					1		2	
EP-9044		3					2	1	1	
EP-9025		8					8			
EP-9033		3						2	1	
EP-9037		2						2		
EP-9039		2					1		1	
EP-9034		2					2	1		
EP-9159										

Table D.14 - El Palenque Ceramics by G12 Type (Part 2)

PROV	V309	V310	V311	V312	V313	V314	V315	V316	V317	V318
EP-7104									1	
EP-7107										
EP-7078										
EP-7077					6		2			
EP-7101										
EP-7074					1					
EP-7065										
EP-7103										
EP-7062					1					
EP-7063										
EP-7076										
EP-7071										
EP-7075										
EP-7064										
EP-7056					1				1	
EP-7058										
EP-7057					3					
EP-7061										
EP-7050					3				1	
EP-7055										
EP-7052									1	
EP-7048					1					
EP-7059					5					
EP-7067										
EP-7094a										
EP-7094b										
EP-7066					1					
EP-7073										
EP-7094					2					
EP-7047					1					
EP-7072										
EP-7100								1		

PROV	V309	V310	V311	V312	V313	V314	V315	V316	V317	V318
EP-7102										
EP-7106										
EP-7091						1	2			
EP-7098					1					
EP-7093							2			
EP-7135										
EP-7118			1							
EP-7095									1	
EP-7134										
EP-7128										
EP-7136										
EP-7130							1			
EP-7131							2			
EP-7116										
EP-7089										
EP-7079										
EP-7097					1		1			
EP-7099	3					1			6	
EP-7110										
EP-7113					2					
EP-7105					2		4	3		
EP-7124										
EP-7117										
EP-7092a										
EP-7092b										
EP-7109									1	
EP-7125										
EP-7119			1							
EP-7121										
EP-7120										
EP-7112					1			1		
EP-7122										
EP-7041					12				1	
EP-7045					1					
EP-7042					1					
EP-7043										
EP-7049					1		1	1	1	
EP-7044					4					
EP-7040					1					
EP-7038		1			5		2			
EP-7090										
EP-7046										
EP-7039								1	1	
EP-7053	1		1							
EP-7068					14		7		1	
EP-7096			1		3		1		1	
EP-7080					1	1				
EP-7084					1					
EP-7114									1	
EP-7088										
EP-7060										
EP-7144										
EP-7123				1				1	1	
EP-7111										
EP-7145										
EP-7146										
EP-7115										
EP-7127								1		
EP-7133										
EP-7070										
EP-7081					2					
EP-7083										
EP-7140										
EP-7051										
EP-7086								1	1	

PROV	V309	V310	V311	V312	V313	V314	V315	V316	V317	V318
EP-7087										
EP-9048										
EP-9053										
EP-9058										
EP-9054										
EP-9057										
EP-9049					1					
EP-9047										
EP-9051										
EP-9143										
EP-9142										
EP-9148										
EP-9150					1					
EP-9147										
EP-9146										
EP-9139								1	1	
EP-9144										
EP-9137										
EP-9151										
EP-9165										
EP-9168										
EP-9170										
EP-9169										
EP-9166										
EP-9171						1				
EP-9172										
EP-9141										
EP-9145										
EP-9135										
EP-9136										
EP-9132										
EP-9158										
EP-9160										
EP-9134										
EP-9119										
EP-9117										
EP-9110										
EP-9133										
EP-9106					1					
EP-9109										
EP-9116										
EP-9111										
EP-9121										
EP-9114										
EP-9162					2					
EP-9112										
EP-9113										
EP-9153					6				1	
EP-9157						1				
EP-9127					1					
EP-9102					1					
EP-9118					1					
EP-9120					1			1		
EP-9163					1					
EP-9122					4					
EP-9082										
EP-9073										
EP-9099										
EP-9128										
EP-9066					1					
EP-9084										
EP-9064							1			
EP-9072										
EP-9070										
EP-9060										

PROV	V309	V310	V311	V312	V313	V314	V315	V316	V317	V318
EP-9074										
EP-9090					4					
EP-9107					3					
EP-9092										
EP-9101					3	1				
EP-9124					5					
EP-9085					1				1	
EP-9104										
EP-9093										
EP-9129										
EP-9096										
EP-9103						1				
EP-9098										
EP-9154										
EP-9089										
EP-9100										
EP-9105										
EP-9097									1	
EP-9095										
EP-9108										
EP-9156										
EP-9149			1		1			1		
EP-9055					1	1			1	
EP-9126					1					
EP-9056								1		
EP-9131										
EP-9123						1				
EP-9059										
EP-9138						2				
EP-9091					5				1	
EP-9078					1					
EP-9088					3	1				
EP-9081								2	2	
EP-9094					4					
EP-9130					11			6	6	
EP-9115					10				1	
EP-9140					2			1	1	
EP-9087					8				3	
EP-9083			1							
EP-9075										
EP-9080										
EP-9077										
EP-9079										
EP-9067										
EP-9069										
EP-9086										
EP-9076										
EP-9065										
EP-9062										
EP-9063					2					
EP-9071										
EP-9068										
EP-9061										
EP-9045									1	
EP-9052									1	
EP-9050									1	
EP-9046									1	
EP-9022										
EP-9035										
EP-9029					4	2		1	1	
EP-9021						1				
EP-9038										
EP-9042										
EP-9027										
EP-9014										

PROV	V309	V310	V311	V312	V313	V314	V315	V316	V317	V318
EP-9024										
EP-9017										
EP-9019										
EP-9023										
EP-9004					1				1	
EP-9012										
EP-9013										
EP-9015										
EP-9016										
EP-9008										
EP-9007										
EP-9009										
EP-9010										
EP-9006										
EP-9002									1	
EP-9005									1	
EP-9003									1	
EP-9000										
EP-9001									1	
EP-9164										
EP-9041						1				
EP-10,000c										
EP-10,000d										
EP-10,000a										
EP-10,000b										
EP-10,000e										
EP-10,000f										
EP-10,000g										
EP-10,000h										
EP-10,000i										
EP-10,000j										
EP-10,000k						1				
EP-10,000l										
EP-9036										
EP-9043										
EP-9011								1	1	
EP-9030									1	
EP-9032									1	
EP-9028									1	
EP-9020										
EP-9026										
EP-9044										
EP-9025										
EP-9033										
EP-9037										
EP-9039										
EP-9034										
EP-9159										

Table D.15 - El Palenque Ceramics by Café Form (Part 1)

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V333	V334
EP-7104						1					
EP-7107	1										
EP-7078	2										
EP-7077	6										
EP-7101	1										
EP-7074	1					1					
EP-7065						3					1
EP-7103	1										
EP-7062											
EP-7063	1				1						
EP-7076											
EP-7071											
EP-7075											

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V333	V334
EP-7064											
EP-7056	2										
EP-7058	1										
EP-7057	2			2			1				
EP-7061				1							
EP-7050	8			4	1		1				1
EP-7055											
EP-7052				1							
EP-7048	3			1							
EP-7059	8			2			2				1
EP-7067	2			1							
EP-7094a											
EP-7094b	4						1				
EP-7066	3										
EP-7073	6			4							
EP-7094	2				3		1				
EP-7047	18			3		1				1	
EP-7072	11			1	2						
EP-7100	5			3	1	1					1
EP-7102	1										
EP-7106	4										
EP-7091	3				4					1	1
EP-7098	24			4	1	1	1				2
EP-7093	16	1		2			1				
EP-7135					1						
EP-7118	2			1	2						
EP-7095	1			1							
EP-7134						3					
EP-7128	3										
EP-7136	4						3				
EP-7130											
EP-7131	7										
EP-7116	2										
EP-7089	1										1
EP-7079	5			2			1				
EP-7097	2									2	
EP-7099	28	2		14	2	1	1			3	1
EP-7110				5	1						
EP-7113	3			1							
EP-7105	11			8	1	5	7				
EP-7124	2										
EP-7117	1	1		3							
EP-7092a											
EP-7092b											
EP-7109	9										
EP-7125	1										
EP-7119											
EP-7121				1							
EP-7120											
EP-7112	2						1				
EP-7122											
EP-7041	48	3			2	4	2		3	1	5
EP-7045	1						1				
EP-7042	3						1				
EP-7043	6										
EP-7049	1										
EP-7044	9			7			3			1	
EP-7040	20				3	1	13				
EP-7038	9			3		1	2				
EP-7090	3			1					1		
EP-7046	1			2							
EP-7039											
EP-7053	2										
EP-7068	22	1		9	2	4	3		1		
EP-7096	7			3						1	

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V333	V334
EP-7080	6										
EP-7084											
EP-7114						1	1				
EP-7088											
EP-7060				1							
EP-7144											
EP-7123	1			2							
EP-7111											
EP-7145											
EP-7146											
EP-7115											
EP-7127											
EP-7133											
EP-7070											2
EP-7081	3			1							
EP-7083											
EP-7140											
EP-7051	2										
EP-7086											
EP-7087	7										
EP-9048					1						
EP-9053											
EP-9058											
EP-9054	1					1	1				
EP-9057											
EP-9049		1									
EP-9047											
EP-9051	4					1					1
EP-9143											
EP-9142						1					
EP-9148											
EP-9150	2										
EP-9147											
EP-9146	1										
EP-9139											
EP-9144											
EP-9137	1						2				
EP-9151											
EP-9165											
EP-9168											
EP-9170											
EP-9169											
EP-9166	1										
EP-9171											
EP-9172											
EP-9141				8		2					
EP-9145				2							
EP-9135											
EP-9136											
EP-9132	1										
EP-9158											
EP-9160	1										
EP-9134	1			1							
EP-9119											
EP-9117											
EP-9110	1										
EP-9133							1				
EP-9106							1				
EP-9109	1						2				
EP-9116				1			2				
EP-9111	2			1							
EP-9121	3			5							
EP-9114	5						1				
EP-9162											
EP-9112	2			2							

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V333	V334
EP-9113				1							
EP-9153	17	1		1	1	1	3				
EP-9157	2					1					
EP-9127	3										
EP-9102	5						3			2	
EP-9118	2			1		1		1			
EP-9120	5			1	1	1					
EP-9163					8		4				
EP-9122	5						3				
EP-9082											
EP-9073											
EP-9099											
EP-9128											
EP-9066											
EP-9084	1										
EP-9064	4						1				
EP-9072	1										
EP-9070											
EP-9060				1							
EP-9074	2			1		1	2				
EP-9090											
EP-9107	1			3							
EP-9092	4			2			2				
EP-9101	1	1		1			2				
EP-9124	18			4	1	3	1				
EP-9085							1				
EP-9104											
EP-9093						1	1				
EP-9129											
EP-9096	1										
EP-9103							1				
EP-9098							1				
EP-9154							1				
EP-9089	1			1			2				
EP-9100											
EP-9105	1										
EP-9097	1										
EP-9095											
EP-9108											
EP-9156							1				
EP-9149	26			10			1				
EP-9055	3										
EP-9126	3				1	2	1				
EP-9056	13			3			2				
EP-9131	3			1		2					
EP-9123	4						3				
EP-9059	17			1	2		1				
EP-9138											
EP-9091	13			6			1				
EP-9078	10			5		3					
EP-9088	11			1	3						
EP-9081	5			1		1	1				
EP-9094	3				1		1				
EP-9130	55			40	4	6	19				1
EP-9115	36			12	2	2	2				
EP-9140	44			8		9	8				
EP-9087	20			5	1		6				1
EP-9083	4				5	4					
EP-9075											
EP-9080					1						
EP-9077	2										
EP-9079											
EP-9067											
EP-9069	2										
EP-9086	1										

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V333	V334
EP-9076											
EP-9065				1							
EP-9062					1		1				
EP-9063	1						2				
EP-9071	1			1							
EP-9068	1			1							
EP-9061	2			1							
EP-9045	2									1	
EP-9052	4			2			1				
EP-9050	9			6		1	1				
EP-9046	4			6	1						
EP-9022	1			3							
EP-9035	2			6							
EP-9029	19			7		2	2				
EP-9021	5			5							
EP-9038	7			3	1		2				
EP-9042	3			3							
EP-9027	4										
EP-9014	4										
EP-9024	10			2			1				
EP-9017	3										
EP-9019											
EP-9023											
EP-9004	9			7							
EP-9012	3			2		1					
EP-9013											
EP-9015	1										
EP-9016	2			1							
EP-9008	1			1							
EP-9007	2										
EP-9009							1				
EP-9010											
EP-9006											
EP-9002	2										
EP-9005				1	1						
EP-9003	1										
EP-9000							1				
EP-9001	2										
EP-9164											
EP-9041	4			1			1				
EP-10,000c	3			2							
EP-10,000d							1				
EP-10,000a											
EP-10,000b											
EP-10,000e	1										
EP-10,000f											
EP-10,000g											
EP-10,000h	1										
EP-10,000i				2							
EP-10,000j											
EP-10,000k	1										
EP-10,000l											
EP-9036	2			1			1				
EP-9043	1			1							
EP-9011	3			1							
EP-9030	1			2		1					
EP-9032	1										
EP-9028	2			2							
EP-9020											
EP-9026	2			2		1	1				
EP-9044	5			2							
EP-9025											
EP-9033	4										
EP-9037	1										
EP-9039											

PROV	V324	V325	V326	V327	V328	V329	V330	V331	V332	V333	V334
EP-9034				1			1				
EP-9159	2			1							

Table D.16 - El Palenque Ceramics by Café Form (Part 2)

PROV	V335	V336	V337	V338	V339	V342	V345	V346	V347	V348
EP-7104										
EP-7107										
EP-7078										
EP-7077					1					
EP-7101										
EP-7074										
EP-7065					1					
EP-7103										
EP-7062										
EP-7063					1					
EP-7076										
EP-7071										
EP-7075										
EP-7064										
EP-7056					1					
EP-7058										
EP-7057					1					
EP-7061					3					
EP-7050				1	3					
EP-7055										
EP-7052			1		1					
EP-7048	1		1				1			
EP-7059					5					
EP-7067										
EP-7094a										
EP-7094b										
EP-7066										
EP-7073			1							
EP-7094		4			1				4	
EP-7047					6					
EP-7072					4					
EP-7100					2					
EP-7102										
EP-7106										
EP-7091					2					
EP-7098			1		2					
EP-7093			2		4					
EP-7135										
EP-7118										
EP-7095										
EP-7134				1				1		
EP-7128										
EP-7136										
EP-7130										
EP-7131					1					
EP-7116										
EP-7089			1							
EP-7079										
EP-7097										
EP-7099					4					
EP-7110					2					
EP-7113					1					
EP-7105		1			6		1			
EP-7124										
EP-7117						2				
EP-7092a										
EP-7092b										
EP-7109					1					
EP-7125										

PROV	V335	V336	V337	V338	V339	V342	V345	V346	V347	V348
EP-7119										
EP-7121										
EP-7120			1							
EP-7112					3					
EP-7122										
EP-7041		1			14			1		
EP-7045										
EP-7042										
EP-7043										
EP-7049										
EP-7044			2							
EP-7040		1		2	3			1		
EP-7038	1		1		4				1	
EP-7090				3						
EP-7046			1							
EP-7039										
EP-7053										
EP-7068				2						
EP-7096				1						
EP-7080										
EP-7084										
EP-7114										
EP-7088										
EP-7060										
EP-7144										
EP-7123										
EP-7111										
EP-7145										
EP-7146										
EP-7115										
EP-7127										
EP-7133		2							2	
EP-7070									2	
EP-7081										
EP-7083										
EP-7140										
EP-7051										
EP-7086										
EP-7087										
EP-9048					1					
EP-9053					1					
EP-9058										
EP-9054		1						1		
EP-9057										
EP-9049										
EP-9047										
EP-9051										
EP-9143										
EP-9142										
EP-9148										
EP-9150										
EP-9147										
EP-9146										
EP-9139										
EP-9144										
EP-9137										
EP-9151										
EP-9165										
EP-9168										
EP-9170										
EP-9169										
EP-9166										
EP-9171										
EP-9172										
EP-9141										

PROV	V335	V336	V337	V338	V339	V342	V345	V346	V347	V348
EP-9145										
EP-9135			1		1					
EP-9136										
EP-9132										
EP-9158										
EP-9160										
EP-9134										
EP-9119										
EP-9117										
EP-9110										
EP-9133					1					
EP-9106										
EP-9109										
EP-9116										
EP-9111										
EP-9121										
EP-9114										
EP-9162										
EP-9112				1	1					
EP-9113										
EP-9153					1					
EP-9157										
EP-9127										
EP-9102					2					
EP-9118						1				
EP-9120					1	1				
EP-9163										
EP-9122				2	4					
EP-9082										
EP-9073										
EP-9099										
EP-9128										
EP-9066										
EP-9084										
EP-9064			1							
EP-9072			1							
EP-9070										
EP-9060										
EP-9074										
EP-9090			1			1	1			
EP-9107										
EP-9092						1				
EP-9101					1					
EP-9124				1	4					
EP-9085										
EP-9104					1					
EP-9093										
EP-9129										
EP-9096					1					
EP-9103										
EP-9098										
EP-9154			1							
EP-9089					1					
EP-9100										
EP-9105										
EP-9097					1					
EP-9095										
EP-9108										
EP-9156										
EP-9149		2		2			2			
EP-9055										
EP-9126					1					
EP-9056					1					
EP-9131										
EP-9123										

PROV	V335	V336	V337	V338	V339	V342	V345	V346	V347	V348
EP-9059										
EP-9138										
EP-9091		2					2			
EP-9078					7					
EP-9088			1		1					
EP-9081					2					
EP-9094					1					
EP-9130		3		3			3			
EP-9115		1			9		1			
EP-9140				1	6					
EP-9087					6					
EP-9083					8					
EP-9075										
EP-9080					2					
EP-9077										
EP-9079										
EP-9067										
EP-9069										
EP-9086										
EP-9076										
EP-9065										
EP-9062										
EP-9063		1			1		1			
EP-9071										
EP-9068										
EP-9061										
EP-9045										
EP-9052										
EP-9050										
EP-9046										
EP-9022										
EP-9035		1					1			
EP-9029		1			2	1	1			
EP-9021		1					1			
EP-9038										
EP-9042				4						
EP-9027			3							
EP-9014										
EP-9024					5					
EP-9017					1					
EP-9019										
EP-9023					1					
EP-9004					2					
EP-9012										
EP-9013										
EP-9015		1					1			
EP-9016										
EP-9008					1					
EP-9007					3					
EP-9009					1					
EP-9010					1					
EP-9006										
EP-9002					3					
EP-9005					1					
EP-9003										
EP-9000										
EP-9001										
EP-9164										
EP-9041					2					
EP-10,000c										
EP-10,000d										
EP-10,000a										
EP-10,000b										
EP-10,000e										
EP-10,000f										

PROV	V335	V336	V337	V338	V339	V342	V345	V346	V347	V348
EP-10,000g										
EP-10,000h										
EP-10,000i										
EP-10,000j										
EP-10,000k										
EP-10,000l										
EP-9036			4		1					
EP-9043			7		2					
EP-9011										
EP-9030			1							
EP-9032										
EP-9028										
EP-9020										
EP-9026					3					
EP-9044										
EP-9025										
EP-9033			1							
EP-9037										
EP-9039										
EP-9034										
EP-9159										

Appendix E – El Mogote Provenience and Artifact Inventory

Table E.1 - El Mogote Proveniences

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6401	2014-2	Test Pit	1816	1095	Level 1	89.39	89.50	89.23	89.29
6402	2014-1	Test Pit	1778	1907	Level 1	87.95	87.82	87.80	87.77
6403	2014-1	Test Pit	1778	1908	Level 1	88.00	87.88	87.81	87.77
6404	2014-1	Test Pit	1777	1907	Level 1	87.97	87.88	87.78	87.78
6405	2014-1	Test Pit	1777	1908	Level 1	88.00	87.88	87.78	87.77
6406	2014-2	Test Pit	1816	1904	Level 1	89.33	89.45	89.25	89.38
6407	2014-2	Test Pit	1816	1904	Level 2	89.25	89.38	89.23	89.29
6408	2014-1	Test Pit	1778	1907	Level 2	87.80	87.77	87.65	87.62
6409	2014-1	Test Pit	1778	1908	Level 2	87.81	87.77	87.70	87.62
6410	2014-1	Test Pit	1777	1907	Level 2	87.78	87.78	87.62	87.62
6411	2014-3	Test Pit	1898-9	2140-4	Level 1	90.25	90.00	90.10	89.90
6412	2014-2	Test Pit	1816	1904	Level 3	89.23	89.29	89.06	89.16
6413	2014-3	Test Pit	1900-1	2140-1	Level 2	90.11	89.96	89.97	89.88
6414	Area M	Str. 33	1965-7	2159-63	Level 1	96.00	94.99	95.90	N/A
6415	Area M	Str. 33	1963-5	2157-8	Level 1	95.76	95.45	95.65	95.38
6416	2014-3	Test Pit	1900-1	2140-1	Level 3	89.97	89.88	89.76	89.73
6417	2014-3	Test Pit	1900-1	2140-1	Level 4	89.76	89.73	78.62	89.58
6418	2014-3	Test Pit	1900-1	2140-1	Level 5	89.62	89.58	89.50	89.44
6419	2014-3	Test Pit	1901-3	2139	Level 1	90.40	90.31	89.64	89.69
6420	Area M	Str. 33	1965-6	2161-2	Level 1	96.06	95.92	95.90	95.82
6421	Area M	Str. 33	1963-4	2159-60	Level 1	95.92	95.64	95.80	95.53
6422	Area M	Str. 33	1961-2	2159-60	Level 1	95.88	95.41	95.61	95.32
6423	Area M	Str. 33	1963-4	2161-2	Level 1	95.92	95.77	95.79	95.68
6424	2014-3	Test Pit	1901	2139	Level 2	89.64	89.74	89.57	89.55
6425	Area M	Str. 33	1966-7	2157-8	Level 1	95.78	95.81	95.67	95.70
6426	2014-3	Test Pit	1902	2140	Level 2	89.74	89.71	89.58	89.50
6427	Area M	Str. 33	1961-2	2161-2	Level 1	95.85	95.51	95.73	95.43
6428	2014-3	Test Pit	1902	2139	Level 2	89.74	89.72	89.61	89.49
6429	Area M	Str. 33	1964	2157-8	Level 1	95.74	95.57	95.58	95.44
6430	Area M	Str. 33	1961-2	2157-8	Level 1	95.59	95.28	95.51	95.22
6431	Area M	Str. 33	1964	2163-5	Level 1	96.07	96.03	95.90	95.79
6432	Area M	Str. 33	1963	2158	Level 1	95.66	95.49	95.56	95.41
6433	Area M	Str. 33	1961-3	2164	Level 1	96.00	95.71	95.83	95.56
6434	Area M	Str. 33	1966-7	2159	Level 2	95.75	95.67	95.58	95.58
6435	Area M	Str. 33	1964-5	2158	Level 2	95.64	95.51	95.57	95.46
6436	Area M	Str. 33	1961-2	2157	Level 2	95.45	95.27	95.33	95.17
6437	Area M	Str. 33	1966-7	2158	Level 2	95.75	95.74	95.58	95.52
6438	Area M	Str. 33	1961-2	2158	Level 2	95.49	95.27	95.41	95.20
6439	Area M	Str. 35	1964-5	2157	Level 2	95.53	95.46	95.56	95.43
6440	Area M	Str. 33	1963	2157-8	Level 2	95.58	95.42	95.44	95.33
6441	Area M	Str. 35	1966-7	2157	Level 2	95.74	95.65	95.51	95.41
6442	Area M	Str. 33	1965	2159-60	Level 2	95.81	95.68	95.57	95.53
6443	Area M	Str. 35	1954-7	2156	Level 1	95.74	95.43	95.62	95.37
6444	Area M	Str. 33	1961-3	2156	Level 1	95.55	95.14	95.38	95.12
6445	Area M	Str. 35	1966-7	2156	Level 2	95.62	95.50	95.60	95.43
6446	Area M	Str. 35	1964-5	2156	Level 2	95.54	95.37	95.51	95.31
6447	Area M	Str. 33	1963-4	2159	Level 2	95.70	95.56	95.56	95.39
6448	Area M	Str. 35	1966-7	2156	Level 3	95.60	95.53	95.46	95.39
6449	Area M	Str. 33	1963-4	2160	Level 2	95.78	95.60	95.54	95.47
6450	Area M	Str. 33	1966-7	2160	Level 2	95.83	95.75	95.61	95.58
6451	Area M	Str. 33	1964-5	2156	Level 3	95.51	95.31	95.35	95.26
6452	Area M	Str. 33	1967	2164-6	Level 1	96.00	96.10	95.90	96.00
6453	Area M	Str. 33	1966	2164-6	Level 1	96.11	96.05	96.07	95.91
6454	Area M	Str. 33	1966-7	2167-8	Level 1	96.07	95.68	96.00	95.57
6455	Area M	Str. 33	1965	2164-6	Level 1	96.23	96.08	96.13	95.93
6456	Area M	Str. 33	1965	2167-8	Level 1	96.07	95.49	96.03	95.37

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6457	Area M	Str. 33	1960-1	2163-4	Level 1	95.91	95.56	95.83	95.51
6458	Area M	Str. 33	1960-1	2165-6	Level 1	95.93	95.48	95.88	95.46
6459	Area M	Str. 33	1964	2164-5	Level 1	96.19	96.04	96.07	95.89
6460	Area M	Str. 33	1962	2164-6	Level 1	96.22	95.90	95.99	95.80
6461	Area M	Str. 33	1963	2164-6	Level 1	96.23	96.01	96.12	95.81
6462	Area M	Str. 33	1962	2164-6	Level 2	95.99	95.80	95.82	95.66
6463	Area M	Str. 33	1963	2164-6	Level 2	96.12	95.81	95.92	95.77
6464	Area M	Str. 33	1960	2163-5	Level 2	95.89	95.52	95.72	95.48
6465	Area M	Str. 33	1959	2163	Level 1	95.62	95.42	95.43	95.35
6466	Area M	Str. 33	1964	2165-6	Level 2	96.07	96.05	95.99	95.93
6467	Area M	Str. 33	1959-60	2161-2	Level 1	95.70	95.24	95.57	95.18
6468	Area M	Str. 33	1965	2165-6	Level 2	96.13	96.07	95.96	95.95
6469	Area M	Str. 33	1966	2165-6	Level 2	96.07	95.97	95.97	95.93
6470	Area M	Str. 33	1959-60	2159-60	Level 1	95.51	95.15	95.43	95.13
6471	Area M	Str. 33	1959-60	2157-8	Level 1	95.38	95.02	95.35	95.01
6472	Area M	Str. 33	1967	2165-6	Level 2	96.03	95.92	95.92	95.89
6473	Area M	Str. 33	1963-4	2161	Level 2	95.83	95.66	95.76	95.63
6474	Area M	Str. 33	1961-2	2160	Level 2	95.65	95.40	95.53	95.28
6475	Area M	Str. 33	1964	2165-6	Level 3	95.99	95.93	95.79	95.78
6476	Area M	Str. 33	1961-2	2159	Level 2	95.57	95.31	95.50	95.27
6477	Area M	Str. 33	1961-2	2161	Level 2	95.65	95.51	95.52	95.39
6478	Area M	Str. 33	1963	2164	Level 3	95.91	95.79	95.72	95.71
6479	Area M	Str. 33	1965-7	2161	Level 2	95.89	95.81	95.76	95.72
6480	Area M	Str. 33	1960-1	2163	Level 2	95.71	95.46	95.61	95.42
6481	Area M	Str. 33	1964-5	2164	Level 3	95.93	95.86	95.77	95.78
6482	Area M	Str. 33	1960-1	2162	Level 2	95.68	95.43	95.55	95.41
6483	Area M	Str. 33	1963	2162-3	Level 2	95.85	95.66	95.75	95.63
6484	Area M	Str. 33	1960	2158-60	Level 2	95.58	95.28	95.46	95.21
6485	Area M	Str. 33	1962	2162-3	Level 2	95.76	95.63	95.64	95.55
6486	Area M	Str. 33	1964	2162-3	Level 2	95.85	95.76	95.73	95.73
6487	Area M	Str. 33	1961	2162-3	Level 3	95.61	95.55	95.50	95.39
6488	Area M	Str. 33	1965	2162-3	Level 2	96.89	95.83	95.74	95.75
6489	Area M	Str. 33	1960	2162-3	Level 3	95.51	95.38	95.37	95.30
6490	Area M	Str. 33	1964	2165	Level 3	95.81	95.80	95.70	95.70
6491	Area M	Str. 33	1959	2162	Level 2	95.44	95.22	95.35	95.18
6492	Area M	Str. 33	1965	2165-6	Level 3	95.96	95.95	95.81	95.79
6493	Area M	Str. 33	1962	2162-3	Level 3	95.64	95.55	95.58	95.53
6494	Area M	Str. 33	1966	2156-6	Level 3	95.97	95.93	95.78	95.77
6495	Area M	Str. 33	1962	2164	Level 3	95.74	N/A	95.59	N/A
6496	Area M	Str. 33	1962	2162-4	Level 4	95.59	95.53	95.56	95.49
6497	Area M	201b	1966-7	2164	Level 2	95.92	95.90	95.80	95.81
6498	Area M	Str. 33	1959	2160-1	Level 2	95.45	95.30	95.29	95.16
6499	Area M	201a	1967	2165-6	Level 3	95.92	95.89	95.78	95.85
6500	Area M	Str. 33	1960	2160-1	Level 2	95.47	95.26	95.35	95.14
6501	Area M	Str. 33	1961-2	2161	Level 3	95.58	95.39	95.49	95.30
6502	Area M	Str. 33	1966-7	2162-3	Level 2	95.92	95.86	95.80	95.77
6503	Area M	Str. 33	1961-2	2160	Level 3	95.53	95.28	95.40	95.12
6504	Area M	Str. 33	1966-7	2167	Level 2	95.99	95.77	95.84	95.73
6505	Area M	Str. 33	1961-2	2159	Level 3	95.42	95.21	95.39	95.14
6506	Area M	Str. 33	1959-60	2159	Level 2-3	95.27	95.06	95.20	95.03
6507	Area M	Str. 33	1965	2166-7	Level 2	96.01	95.86	95.84	95.75
6508	Area M	Str. 33	1959-60	2158	Level 2	95.37	95.04	95.14	94.95
6509	Area M	Str. 33	1964	2166-7	Level 2	96.11	95.86	95.83	95.75
6510	Area M	Str. 33	1959-60	2157	Level 2	95.24	94.96	95.17	94.94
6511	Area M	Str. 33	1963	2166-7	Level 2	96.13	95.58	95.84	95.51
6512	Area M	Str. 33	1963-4	2161	Level 3	95.76	95.63	95.63	95.47
6513	Area M	Str. 33	1962	2167	Level 1	95.93	95.52	95.84	95.51
6514	Area M	Str. 33	1964	2165-6	Level 3	95.88	95.87	95.76	95.73
6515	Area M	Str. 33	1961	2164-5	Level 2	95.86	95.82	95.84	95.76
6516	Area M	Str. 33	1965-7	2161	Level 3	95.76	95.72	95.65	95.59
6517	Area M	Str. 33	1960-1	2166	Level 2	95.92	95.62	95.82	95.57
6518	Area M	201	1966	2164	Level 3	95.83	95.82	95.79	95.73

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6519	Area M	201a and b	1966-7	2164-5	Level 3 (IL-1)	95.92	95.82	95.79	95.72
6520	Area M	Str. 33	1968-9	2167-8	Level 1	96.01	95.60	95.93	95.58
6521	Area M	Str. 33	1968-9	2154-5	Level 1	95.85	95.74	95.68	95.60
6522	Area M	Str. 33	1968-9	2165-6	Level 1	96.09	95.88	95.99	95.76
6523	Area M	Str. 33	1968-9	2156-7	Level 1	95.88	95.78	95.75	95.65
6524	Area M	Str. 33	1968-9	2163-4	Level 1	96.04	95.89	95.92	95.77
6525	Area M	Str. 33	1968-9	2158-9	Level 1	95.89	95.82	95.79	95.70
6526	Area M	Str. 33	1968-9	2161-2	Level 1	96.02	95.89	95.86	95.71
6527	Area M	Str. 33	1970-1	2154-5	Level 1	95.86	95.84	95.79	95.73
6528	Area M	Str. 33	1968-9	2160	Level 1	95.82	95.92	95.77	95.75
6529	Area M	Str. 33	1970-1	2156-7	Level 1	95.90	95.88	95.73	95.67
6530	Area M	Str. 33	1970-1	2168-9	Level 1	95.95	95.62	95.86	95.58
6531	Area M	Str. 33	1970-1	2166-7	Level 1	95.95	95.77	95.86	95.63
6532	Area M	Str. 33	1970-1	2158-9	Level 1	95.85	95.87	95.74	95.73
6533	Area M	Str. 33	1970-1	2160	Level 1	95.87	95.83	95.73	95.68
6534	Area M	Str. 33	1970-1	2164-5	Level 1	95.91	95.75	95.78	95.65
6535	Area M	Str. 33	1972-3	2154-5	Level 1	95.93	95.87	95.81	95.77
6536	Area M	Str. 33	1970-1	2162-3	Level 1	95.91	95.82	95.77	95.72
6537	Area M	Str. 33	1972-3	2156-7	Level 1	95.89	95.86	95.78	95.78
6538	Area M	Str. 33	1972-3	2158-9	Level 1	95.88	95.85	95.75	95.74
6539	Area M	Str. 33	1974-5	2154-5	Level 1	95.95	95.94	95.81	95.86
6540	Area M	Str. 33	1972-3	2160	Level 1	95.87	95.86	95.75	95.71
6541	Area M	Str. 33	1974-5	2156-7	Level 1	95.95	95.88	95.77	95.75
6542	Area M	Str. 33	1972-3	2161-2	Level 1	95.83	95.69	95.71	95.62
6543	Area M	Str. 33	1974-5	2158-9	Level 1	95.86	95.75	95.75	95.71
6544	Area M	Str. 33	1972-3	2163-4	Level 1	95.82	95.61	95.73	95.51
6545	Area M	Str. 33	1974-5	2160	Level 1	95.87	95.69	95.74	95.64
6546	Area M	Str. 33	1972-3	2165-6	Level 1	95.81	95.62	95.73	95.58
6547	Area M	Str. 33	1974-5	2161-2	Level 1	95.77	95.61	95.69	95.56
6548	Area M	Str. 33	1972-3	2167-8	Level 1	95.74	95.42	95.67	95.37
6549	Area M	Str. 33	1974-5	2163-4	Level 1	95.69	95.51	95.61	95.39
6550	Area M	212	1966-7	2154-5	Level 1	95.73	95.64	95.60	95.56
6551	Area M	Str. 33	1974-5	2165-6	Level 1	95.61	95.43	95.51	95.33
6552	Area M	Str. 35	1964-5	2154-5	Level 1	95.62	95.47	95.52	95.44
6553	Area M	Str. 33	1974-5	2167-8	Level 1	95.51	95.45	95.46	95.42
6554	Area M	Str. 33	1964-5	2168	Level 1-2	95.79	95.39	95.74	95.34
6555	Area M	Str. 33	1966-7	2168	Level 2	95.86	95.55	95.68	95.45
6556	Area M	Str. 33	1959	2164-5	Level 1	95.90	95.66	95.77	95.59
6557	Area M	Str. 33	1966-7	2169	Level 1	95.62	95.33	95.49	95.30
6558	Area M	Str. 33	1960-1	2167	Level 1	95.88	95.21	95.78	95.21
6559	Area M	Str. 33	1968-9	2168	Level 2	95.75	95.58	95.67	95.50
6560	Area M	Str. 33	1959	2166-7	Level 1	95.74	95.05	95.60	95.00
6561	Area M	Str. 33	1962-3	2168	Level 1	95.75	95.22	95.79	95.13
6562	Area M	Str. 33	1968-9	2169	Level 1	95.61	95.33	95.50	95.31
6563	Area M	Str. 33	1970-1	2169	Level 1	95.59	95.30	95.50	95.26
6564	Area M	201b	1965-6	2164	Internal Level 1	95.84	95.73	95.78	95.61
6565	Area M	Str. 33	1968-9	2159	Level 2	95.83	95.77	95.69	95.65
6566	Area M	Str. 33	1970-1	2168	Level 2	95.68	95.51	95.59	95.44
6567	Area M	Str. 33	1968-9	2160	Level 2	95.87	95.78	95.79	95.73
6568	Area M	Str. 33	1972-3	2167-8	Level 2	95.67	95.37	95.55	95.34
6569	Area M	Str. 33	1968-9	2159	Level 3	95.69	95.65	95.60	95.58
6570	Area M	Str. 33	1968-9	2160	Level 3	95.79	95.73	95.64	95.61
6571	Area M	Str. 33	1968-9	2161	Level 2	95.86	95.77	95.65	95.73
6572	Area M	Str. 33	1972-3	2169	Level 1	95.48	95.25	95.42	95.21
6573	Area M	Str. 33	1970-1	2161	Level 2	95.80	95.69	95.61	95.55
6574	Area M	Burial 21	1972-3	2165-6	Level 2	95.73	95.58	95.57	95.41
6575	Area M	Str. 33	1968-9	2162	Level 2	95.89	95.77	95.70	95.62
6576	Area M	Burial 21	1973-4	2165	Internal Level 1	95.46	95.44	95.40	95.38
6577	Area M	Str. 33	1968-9	2167	Level 2	95.99	95.77	95.74	95.61
6578	Area M	Str. 33	1970-1	2167	Level 2	95.86	95.64	95.72	95.53

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6579	Area M	Str. 33	1967	2162-3	Level 3	95.84	95.80	95.72	95.71
6580	Area M	Str. 33	1966	2162-3	Level 3	95.87	95.81	95.71	95.66
6581	Area M	Str. 33	1968-9	2166	Level 2	95.99	95.86	95.76	95.72
6582	Area M	Str. 33	1965	2162-3	Level 3	95.83	95.81	95.76	95.71
6583	Area M	Str. 33	1970-1	2166	Level 2	95.84	95.68	95.73	95.59
6584	Area M	Str. 33	1964	2162-3	Level 3	95.75	95.69	95.69	95.57
6585	Area M	201a	1968-9	2165	Level 2	95.99	95.79	95.80	95.71
6586	Area M	Str. 33	1963	2162-3	Level 3	95.76	95.60	95.68	95.54
6587	Area M	Str. 33	1970-1	2165	Level 2	95.83	95.68	95.66	95.57
6588	Area M	Str. 33	1964-6	2164	Level 3	95.76	95.73	95.72	95.64
6589	Area M	Str. 33	1968-9	2164	Level 2	95.90	95.80	95.79	95.67
6590	Area M	Str. 33	1970-1	2160	Level 2	95.77	95.74	95.59	95.62
6591	Area M	Str. 33	1970-1	2164	Level 2	95.79	95.67	95.66	95.59
6592	Area M	Str. 33	1970-1	2159	Level 2	95.74	95.74	95.62	95.58
6593	Area M	Str. 33	1968-9	2163	Level 2	95.92	95.79	95.75	95.66
6594	Area M	Str. 33	1968-9	2158	Level 2	95.76	95.73	95.59	95.55
6595	Area M	Str. 33	1970-1	2163	Level 2	95.77	95.70	95.66	95.61
6596	Area M	Str. 33	1968-9	2157	Level 2	95.74	95.72	95.58	95.57
6597	Area M	Str. 33	1970-1	2162	Level 2	95.76	95.65	95.65	95.58
6598	Area M	Str. 33	1968-9	2156	Level 2	95.74	95.69	95.59	95.56
6599	Area M	Str. 33	1970-1	2156	Level 2	95.60	95.67	95.63	95.59
6600	Area M	Str. 33	1970-1	2157	Level 2	95.73	95.72	95.62	95.62
6601	Area M	Str. 33	1972-3	2162	Level 2	95.74	95.63	95.64	95.57
6602	Area M	Str. 33	1970-1	2158	Level 2	95.78	95.75	95.59	95.59
6603	Area M	Str. 33	1974-5	2162	Level 2	95.62	95.57	95.56	95.53
6604	Area M	Str. 33	1968-9	2155	Level 2	95.69	95.63	95.59	95.57
6605	Area M	Str. 33	1972-3	2161	Level 2	95.70	95.65	95.63	95.60
6606	Area M	Str. 33	1968-9	2154	Level 2	95.78	95.67	95.58	95.55
6607	Area M	Str. 33	1974-5	2161	Level 2	95.70	95.53	95.64	95.52
6608	Area M	Str. 33	1970-1	2155	Level 2	95.79	95.69	95.65	95.59
6609	Area M	Str. 33	1972-3	2160	Level 2	95.73	95.71	95.68	95.62
6610	Area M	Str. 33	1970-1	2154	Level 2	95.81	95.70	95.67	95.60
6611	Area M	Str. 33	1974-5	2160	Level 2	95.74	95.64	95.54	95.46
6612	Area M	Str. 33	1961-3	2154-5	Level 1	95.47	95.26	95.42	95.21
6613	Area M	Str. 33	1972-3	2159	Level 2	95.76	95.73	95.68	95.64
6614	Area M	Str. 33	1974-5	2159	Level 2	95.75	95.69	95.66	95.60
6615	Area M	Str. 33	1959-60	2154-6	Level 1	95.32	95.02	95.29	94.91
6616	Area M	Str. 33	1972-3	2158	Level 2	95.77	95.76	95.69	95.66
6617	Area M	Str. 33	1974-5	2158	Level 2	95.76	95.72	95.66	95.64
6618	Area M	Str. 33	1962-3	2156	Level 2	95.46	95.28	95.37	95.22
6619	Area M	Str. 33	1972-3	2157	Level 2	95.76	95.75	95.68	95.66
6620	Area M	Str. 33	1959-61	2156	Level 2	95.30	95.00	95.27	94.93
6621	Area M	Str. 33	1974-5	2160	Level 3	95.66	95.53	95.54	95.46
6622	Area M	Str. 33	1964-73	2169-71	Level 1	N/A	N/A	N/A	N/A
6623	Area M	Str. 33	1972-3	2160	Level 3	95.68	95.62	95.58	95.51
6624	Area M	Str. 33	1974-5	2157	Level 2	95.77	95.77	95.66	95.65
6625	Area M	Str. 33	1974-5	2168	Level 2	95.50	95.34	95.41	95.30
6626	Area M	Str. 33	1972-3	2156	Level 2	95.83	95.74	95.64	95.61
6627	Area M	Str. 33	1974-5	2167	Level 2	95.55	95.30	95.42	95.26
6628	Area M	Str. 33	1972-3	2157	Level 3	95.67	95.65	95.60	95.60
6629	Area M	Str. 33	1972-3	2162	Level 2	95.71	95.58	95.60	95.49
6630	Area M	Str. 33	1972-3	2158	Level 3	95.69	95.64	95.62	95.61
6631	Area M	Str. 33	1974-5	2162	Level 2	95.68	95.63	95.63	95.57
6632	Area M	Str. 33	1972-3	2155	Level 2	95.91	95.80	95.72	95.64
6633	Area M	Str. 33	1972-3	2159	Level 3	95.71	95.68	95.58	95.57
6634	Area M	Str. 33	1972-3	2161	Level 3	95.68	95.62	95.57	95.52
6635	Area M	Str. 33	1974-5	2159	Level 3	95.66	95.60	95.57	95.51
6636	Area M	Str. 33	1972-3	2154	Level 2	95.86	95.78	95.70	95.63
6637	Area M	Str. 33	1974-5	2158	Level 3	95.66	95.64	95.56	95.57
6638	Area M	Str. 33	1974-5	2161	Level 3	95.64	95.52	95.54	95.47
6639	Area M	Str. 33	1974-5	2156	Level 2	95.90	95.85	95.71	95.68
6640	Area M	Str. 33	1974-5	2169-70	Level 1	95.52	95.15	95.38	95.04
6641	Area M	Str. 33	1974-5	2162	Level 3	95.63	95.57	95.55	95.49
6642	Area M	Str. 33	1974-5	2155	Level 2	95.85	95.84	95.73	95.73

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6643	Area M	Str. 33	1974-5	2157	Level 3	95.66	95.65	95.59	95.51
6644	Area M	Str. 33	1974-5	2156	Level 3	95.71	95.68	95.60	95.60
6645	Area M	Str. 33	1974-5	2154	Level 2	95.87	95.86	95.75	95.70
6646	Area M	Str. 33	1974-5	2163	Level 3	95.62	95.48	95.48	95.40
6647	Area M	Str. 33	1959	2161	Level 3	95.33	95.25	95.18	95.13
6648	Area M	Str. 33	1974-5	2155	Level 3	95.73	95.73	95.65	95.61
6649	Area M	Str. 33	1970	2163	Level 2	95.74	95.57	95.70	95.53
6650	Area M	Str. 33	1960	2160-1	Level 3	95.34	95.24	95.27	95.11
6651	Area M	Str. 33	1959	2160	Level 3	95.28	95.26	95.14	95.15
6652	Area M	Str. 33	1974-5	2154	Level 3	95.75	95.70	95.71	95.68
6653	Area M	Str. 33	1973	2162-3	Level 2-3	95.63	95.53	95.53	95.41
6654	Area M	Str. 33	1972	2154	Level 3	95.68	95.62	95.55	95.54
6655	Area M	Str. 33	1959-60	2159	Level 3	95.24	95.12	95.15	95.09
6656	Area M	Str. 33	1972	2162-3	Level 3	95.64	95.56	95.54	95.47
6657	Area M	Str. 33	1959-60	2158	Level 3	95.30	95.03	95.14	95.00
6658	Area M	Str. 34	1972	2154	Level 4	95.55	95.54	95.47	95.44
6659	Area M	Str. 33	1959-60	2157	Level 3	95.20	95.08	95.11	94.97
6660	Area M	Str. 34	1972	2154	Level 5	95.49	N/A	95.44	N/A
6661	Area M	Str. 33	1967	2166-7	Level 3	95.57	95.54	95.53	95.47
6662	Area M	Str. 33	1959-60	2165	Level 2	95.92	95.85	95.87	95.83
6663	Area M	Str. 33	1959-60	2156	Level 3	95.19	94.96	95.08	94.93
6664	Area M	Str. 34	1972	2154	Level 6	95.47	95.44	95.25	95.22
6665	Area M	Str. 33	1959-60	2155	Level 2	95.20	94.93	95.09	94.88
6666	Area M	Str. 33	1961	2162-3	Level 4	95.62	N/A	95.30	N/A
6667	Area M	Str. 33	1959-60	2154	Level 2	95.25	94.90	95.07	94.81
6668	Area M	Str. 33	1961	2157-8	Level 3	95.30	95.17	95.20	95.15
6669	Area M	Str. 34	1970-1	2154	Level 3	95.67	95.60	95.52	95.50
6670	Area M	Str. 33	1972-3	2158	Level 3	95.61	95.58	95.52	95.50
6671	Area M	Str. 33	1961-3	2156	Level 3	95.37	95.12	95.33	95.06
6672	Area M	Str. 34	1970-1	2154	Level 4	95.52	95.50	95.41	95.39
6673	Area M	Str. 33	1973-4	2159	Level 3	95.58	95.55	95.50	95.47
6674	Area M	Str. 33	1961	2154-5	Level 2	95.31	95.15	95.14	95.06
6675	Area M	Str. 34	1970-1	2154	Level 4	95.41	95.39	95.26	95.25
6676	Area M	201a	1967-8	2164-5	Internal Level 2	95.88	95.76	95.61	95.36
6677	Area M	Str. 34	1971-2	2155	Level 3	95.68	95.62	95.55	95.50
6678	Area M	Str. 33	1962	2154-5	Level 2	95.39	95.25	95.23	95.21
6679	Area M	Str. 34	1971-2	2155	Level 4	95.55	95.50	95.40	95.37
6680	Area M	Str. 33	1963	2154-5	Level 2	95.48	95.40	95.34	95.26
6681	Area M	Str. 34	1971-2	2155	Level 5	95.40	95.37	95.24	95.22
6682	Area M	202	1968	2165	Internal Level 1	95.88	95.75	95.56	95.50
6683	Area M	Str. 33	1964	2154-5	Level 2	95.52	95.41	95.40	95.31
6684	Area M	Str. 33	1971	2156	Level 3	95.64	95.63	95.54	95.51
6685	Area M	Str. 34	1971	2156	Level 4	95.54	95.51	95.40	95.37
6686	Area M	204	1969	2165-6	Internal Level 1	95.89	95.78	95.73	95.69
6687	Area M	Str. 34	1971	2156	Level 5	95.40	95.37	95.23	95.20
6688	Area M	207	1969	2160-3	Internal Level 1	95.79	95.67	95.70	95.62
6689	Area M	205	1970-1	2165-6	Internal Level 1	95.76	95.70	95.45	95.42
6690	Area M	206	1971-2	2166-7	Internal Level 1	95.69	95.68	95.50	95.45
6691	Area M	Str. 33	1970	2155-6	Level 3	95.60	95.58	95.52	95.48
6692	Area M	Str. 33	1968-9	2163	Level 3	95.75	95.65	95.69	95.59
6693	Area M	Str. 33	1970-1	2162-3	Level 3	95.67	95.66	95.56	95.55
6694	Area M	Str. 34	1970	2155-6	Level 4	95.52	95.48	95.38	95.36
6695	Area M	Str. 34	1970	2155-6	Level 5	95.38	95.36	95.21	95.14
6696	Area M	Str. 33	1965-6	2156	Level 4	95.53	95.47	95.45	95.39
6697	Area M	Str. 33	1969	2154-6	Level 3	95.59	95.56	95.45	95.44
6698	Area M	203	1968-9	2166-7	Internal Level 1	95.87	95.84	95.49	95.47

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6699	Area M	Burial 21	1974-5	2165-6	Level 2	95.59	95.46	95.47	95.45
6700	Area M	Str. 34	1969	2154-6	Level 4	95.45	95.44	95.37	95.36
6701	Area M	Str. 34	1969	2154-6	Level 5	95.37	95.36	95.15	95.11
6702	Area M	Str. 33	1969-72	2153	Level 1	96.03	95.91	95.89	95.77
6703	Area M	Str. 33	1968	2154-5	Level 3	95.57	95.54	95.47	95.46
6704	Area M	Str. 34	1968	2154-5	Level 4	95.47	95.46	95.36	95.34
6705	Area M	201b	1966	2164	Internal Level 2	95.78	95.61	95.39	95.32
6706	Area M	Str. 33	1969-72	2153	Level 2	95.89	95.77	95.69	95.62
6707	Area M	Str. 34	1968	2154-5	Level 5	95.36	95.34	95.19	95.16
6708	Area M	Str. 33	1961-3	2160-3	Level 4	95.61	95.54	95.53	95.41
6709	Area M	Str. 33	1970-1	2157	Level 3	95.65	95.57	95.51	95.49
6710	Area M	Str. 33	1970-1	2158-9	Level 3	95.62	95.62	95.52	95.50
6711	Area M	Str. 33	1967-9	2157	Level 3	95.65	95.64	95.49	95.47
6712	Area M	Str. 33	1962-5	2158-61	Level 4	95.63	95.51	95.47	95.40
6713	Area M	Str. 33	1968-9	2158-9	Level 4	95.63	95.59	95.51	95.49
6714	Area M	Str. 33	1970-1	2160-1	Level 4	95.61	95.58	95.48	95.44
6715	Area M	Str. 33	1970-1	2162-3	Level 4	95.53	95.48	95.40	95.39
6716	Area M	208	1968-9	2160-1	Level 4	95.74	95.64	95.56	95.50
6717	Area M	Str. 33	1966-7	2158-9	Level 4	95.64	95.58	95.50	95.49
6718	Area M	Str. 33	1962-4	2157	Level 4	95.61	95.46	95.53	95.40
6719	Area M	Str. 33	1972-3	2159-60	Level 4	95.61	95.55	95.52	95.49
6720	Area M	Str. 33	1968-9	2162-3	Level 4	95.81	95.73	95.58	95.52
6721	Area M	Str. 33	1973-5	2164	Level 2	95.55	95.46	95.44	95.23
6722	Area M	Str. 33	1972-3	2161-2	Level 4	95.58	95.54	95.53	95.48
6723	Area M	Str. 33	1966-7	2162-3	Level 4	95.72	95.71	95.58	95.56
6724	Area M	Str. 33	1974-5	2158-9	Level 4	95.52	95.48	95.44	95.39
6725	Area M	Str. 33	1972-3	2164-5	Level 3	95.65	95.48	95.53	95.42
6726	Area M	Str. 33	1974-5	2160-1	Level 4	95.56	95.38	95.45	94.34
6727	Area M	Str. 33	1962-3	2162-3	Level 4	95.62	95.55	95.50	95.54
6728	Area M	Str. 33	1966-7	2160-1	Level 4	95.71	95.61	95.51	95.49
6729	Area M	Str. 33	1964-5	2162-3	Level 4	95.75	95.65	95.52	95.52
6730	Area M	Str. 33	1965	2160-1	Level 4	95.71	95.63	95.54	95.51
6731	Area M	Str. 33	1972-3	2166-7	Level 3	95.55	95.41	95.49	95.41
6732	Area M	Str. 33	1965-7	2159	Level 4	95.61	95.60	95.52	95.48
6733	Area M	Str. 33	1974-5	2156-7	Level 4	95.64	95.59	95.49	95.47
6734	Area M	Str. 34	1971-2	2153	Level 3	95.60	95.57	95.48	95.47
6735	Area M	Str. 33	1974-5	2166-7	Level 3	95.46	95.34	95.44	95.22
6736	Area M	Str. 34	1971-2	2153	Level 4	95.48	95.47	95.31	95.26
6737	Area M	219	1974-5	2154-5	Level 4	95.78	95.71	95.60	95.54
6738	Area M	Str. 33	1974-5	2164-5	Level 3	95.47	95.35	95.28	95.20
6739	Area M	Str. 33	1974-5	2162-3	Level 3	95.47	95.35	95.37	95.18
6740	Area M	Str. 34	1969-70	2153	Level 3	95.59	95.59	95.45	95.43
6741	Area M	Str. 33	1973	2154-5	Level 4	95.70	95.68	95.57	95.53
6742	Area M	Str. 33	1970-1	2164-5	Level 3	95.69	95.63	95.48	95.45
6743	Area M	211	1970	2164	Internal Level 1	95.65	95.62	95.55	95.55
6744	Area M	Str. 34	1969-70	2153	Level 4	95.45	95.43	95.39	95.25
6745	Area M	212	1966-7	2153	Level 1	95.75	95.71	95.64	95.53
6746	Area M	Str. 33	1972-3	2156-7	Level 4	95.64	95.59	95.57	95.49
6747	Area M	212	1966-7	2154-6	Internal Level 1	95.58	95.50	95.44	95.24
6748	Area M	208	1969	2160-1	Internal Level 1	95.66	95.57	95.53	95.51
6749	Area M	210	1965-6	2161	Internal Level 1	95.54	95.48	95.41	95.37
6750	Area M	Str. 33	1968-9	2164-5	Level 3	95.73	95.66	95.51	95.49
6751	Area M	Str. 33	1970-1	2166-7	Level 3	95.74	95.57	95.51	95.48
6752	Area M	212	1965, 1967	2154-5	Level 2	95.54	95.45	95.44	95.35
6753	Area M	210	1964-5	2162-3	Level 5	95.52	95.52	95.46	95.41
6754	Area M	Str. 33	1968-9	2166-7	Level 3	95.74	95.60	95.59	95.48
6755	Area M	212	1966-7	2153	Level 2	95.58	95.53	95.45	95.41
6756	Area M	Str. 33	1966-7	2162-3	Level 5	95.58	95.56	95.44	95.43

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6757	Area M	Str. 34	1968-70	2156	Level 4	95.54	95.54	95.46	95.41
6758	Area M	209	1972	2162-3	Internal Level 1	95.58	95.53	95.29	95.25
6759	Area M	Str. 33	1972-3	2164	Level 4	95.53	95.41	95.40	95.33
6760	Area M	Str. 33	1968-9	2162-3	Level 5	95.58	95.52	95.52	95.48
6761	Area M	Str. 34	1969-70	2149-50	Level 1	95.85	95.74	95.70	95.60
6762	Area M	Str. 34	1971-2	2149-52	Level 1	95.96	95.86	95.77	95.74
6763	Area M	Str. 33	1967	2164-6	Level 3	95.82	95.71	95.68	95.59
6764	Area M	Str. 34	1969-70	2151-2	Level 2	95.70	95.61	95.49	95.47
6765	Area M	Str. 34	1971-2	2151-2	Level 2	95.77	95.70	95.59	95.57
6766	Area M	Str. 33	1966	2164-5	Level 3	95.82	95.73	95.69	95.63
6767	Area M	Str. 33	1964-5	2164	Level 3	95.71	95.65	95.49	95.48
6768	Area M	Str. 34	1969-70	2149-50	Level 2	95.69	95.60	95.57	95.51
6769	Area M	Str. 34	1971-2	2149-50	Level 2	95.80	95.74	95.68	95.56
6770	Area M	Str. 33	1966-7	2164	Level 4	95.67	95.61	95.44	95.43
6771	Area M	212	1966	2154	Internal Level 2	95.35	95.27	95.28	95.26
6772	Area M	Str. 33	1967-9	2167	Level 4	95.60	95.55	95.48	95.41
6773	Area M	Str. 34	1969-70	2151-2	Level 3	95.49	95.47	95.41	95.35
6774	Area M	Str. 33	1968-9	2164-6	Level 4	95.56	95.46	95.43	95.41
6775	Area M	Str. 35	1965	2156	Internal Level 1a	95.58	95.41	95.40	95.36
6776	Area M	Str. 35	1966-7	2153	Level 3	95.40	N/A	95.27	N/A
6777	Area M	Str. 33	1970	2165-5	Level 4	95.48	95.46	95.41	95.38
6778	Area M	Str. 35	1965-6	2157	Level 4	95.43	95.36	95.28	95.26
6779	Area M	Str. 34	1971-2	2151-2	Level 3	95.59	95.57	95.48	95.46
6780	Area M	Str. 33	1964	2156-7	Level 4	95.35	95.30	95.27	95.17
6781	Area M	Str. 33	1971	2164-5	Level 4	95.48	95.47	95.37	95.34
6782	Area M	Str. 33	1972	2164-6	Level 4	95.48	95.47	95.37	95.34
6783	Area M	Str. 33	1973	2164-5	Level 4	95.42	95.39	95.34	95.33
6784	Area M	Str. 33	1972-3	2166-7	Level 4	95.49	95.41	95.36	95.29
6785	Area M	Str. 34	1969-70	2149-50	Level 3	95.57	95.51	95.45	95.41
6786	Area M	Str. 35	1965-6	2156	Internal Level 2	95.40	95.36	94.87	94.86
6787	Area M	Str. 34	1971-2	2149-50	Level 3	95.68	95.56	95.55	95.45
6788	Area M	Str. 34	1966-8	2151-2	Level 1	95.75	95.51	95.62	95.38
6789	Area M	Str. 34	1966-8	2149-50	Level 1	95.73	95.49	95.56	95.45
6790	Area M	Str. 35	1966-7	2156	Internal Level 1b	95.28	95.26	95.18	95.15
6791	Area M	Str. 35	1966	2154-5	Internal Level 1b	95.28	95.25	95.15	95.12
6792	Area M	Str. 34	1968	2149-50	Level 2	95.56	95.55	95.48	95.47
6793	Area M	Str. 35	1966-7	2154-5	Internal Level 1b	95.47	95.26	95.13	95.07
6794	Area M	Str. 34	1966-7	2149-50	Level 2	95.54	95.45	95.46	95.39
6795	Area M	Str. 34	1968	2151-2	Level 2	95.62	95.52	95.49	95.44
6796	Area M	Str. 34	1966-7	2151-2	Level 2	95.54	95.43	95.31	95.26
6797	Area M	Str. 34	1968	2149-50	Level 3	95.48	95.47	95.38	95.37
6798	Area M	Str. 35	1966	2155-6	Internal Level 1b (arb 1)	95.39	95.26	95.00	94.98
6799	Area M	Str. 35	1966-7	2153	Internal Level 1c	95.30	95.29	94.98	94.97
6800	Area M	Str. 34	1966-7	2149-50	Level 3	95.46	95.39	95.35	95.34
6801	Area M	Str. 34	1968	2151-2	Level 3	95.49	95.44	95.36	95.36
6802	Area M	Str. 35	1966-7	2153-4	Internal Level 1b (arb 2)	95.16	95.08	94.99	94.98

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6803	Area M	Str. 34	1968	2153	Level 1	95.78	95.70	95.55	95.49
6804	Area M	Str. 34	1968	2153	Level 2	95.55	95.49	95.37	95.30
6805	Area M	Str. 35	1966-7	2153-4	Internal Level 1b (arb 3)	94.99	94.98	94.78	94.71
6806	Area M	Str. 33	1965-6	2166-7	Level 4	95.85	95.77	95.68	95.62
6807	Area M	Str. 34	1971	2157	Level 4	95.53	95.49	95.37	95.32
6808	Area M	Str. 34	1971	2157	Level 5	95.37	95.32	95.20	95.19
6809	Area M	Str. 33	1964	2154-5	Level 3	95.37	95.36	95.29	95.29
6810	Area M	Str. 34	1968	2156	Level 4	95.36	95.35	95.32	95.30
6811	Area M	Str. 35	1965	2154-5	Level 3	95.45	95.39	95.30	95.24
6812	Area M	Str. 34	1971	2157	Level 6	95.20	95.19	94.92	94.87
6813	Area M	Str. 35	1965-6	2156	Internal Level 3 (arb 1)	94.87	94.86	94.71	94.66
6814	Area M	Str. 34	1968	2156	Level 3	95.48	95.46	95.36	95.35
6815	Area M	Str. 34	1968	2156	Level 5	95.32	95.30	95.12	95.11
6816	Area M	Str. 35	1966-7	2155-6	Internal Level 1b (arb 3)	94.91	94.74	94.74	94.44
6817	Area M	Str. 35	1965-6	2156	Internal Level 3 (arb 2)	94.71	94.66	94.48	94.41
6818	Area M	Str. 35	1966-7	2153-4	Internal Level 1b (arb 4)	94.78	94.71	94.59	94.57
6819	Area M	Str. 35	1966-7	2153-4	Internal Level 1b (arb 4)	94.59	94.57	94.43	94.43
6820	Area M	Burial 22	1965-7	2155-7	Internal Level 1b (arb 4)	94.74	94.41	94.41	94.23
6821	Area M	Str. 35	1966-7	2153-4	Internal Level 1b (arb 5)	94.43	94.43	94.31	94.30
6822	Area M	Str. 35	1966-7	2153-4	Internal Level 1b (arb 6)	94.31	94.30	94.12	94.07
6823	Area M	Burial 22	1965-7	2155-7	Internal Level 1b (arb 5)	94.41	94.23	94.11	94.07
6824	Area M	Str. 35	N/A	N/A	Internal Level 1b	95.05	N/A	94.72	N/A
6825	Area M	Str. 35	N/A	N/A	Internal Level 1b	94.93	N/A	94.63	N/A
6826	Area M	Str. 35	1966-7	2153	Internal Level 1c (arb 2)	94.98	94.97	94.90	94.80
6827	Area M	Str. 35	N/A	N/A	Internal Level 1b	95.06	N/A	94.71	N/A
6828	Area M	Str. 35	1966-7	2153	Internal Level 1c (arb 3)	94.90	94.80	94.53	94.46

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6829	Area M	Str. 35	1966-7	2153	Internal Level 1c (arb 4)	94.53	94.46	94.30	94.21
6830	Area M	219	1975	2155-6	Internal Level 1	95.49	95.38	N/A	N/A
6831	Area M	Str. 34	1973-5	2149-53	Level 1	96.03	95.85	95.94	95.81
6832	Area M	Str. 34	1966-9	2145-8	Level 1	95.80	95.51	95.55	95.46
6833	Area M	Str. 34	1963-5	2149-53	Level 1	95.61	95.20	95.44	95.08
6834	Area M	Str. 34	1973-5	2145-8	Level 1	96.11	95.90	95.99	95.76
6835	Area M	Burial 23	1966-9	2141-4	Level 1	95.80	95.52	N/A	95.40
6836	Area M	Str. 34	1970-2	2145-8	Level 1	95.94	95.79	95.80	95.54
6837	Area M	Str. 34	1963-5	2145-8	Level 1	95.40	95.09	95.24	95.03
6838	Area M	Str. 34	1973-5	2141-4	Level 1	95.92	95.70	95.75	95.70
6839	Area M	Str. 34	1978	2172	surface	N/A	N/A	N/A	N/A
6840	Area M	Str. 34	1970-2	2141-4	Level 1	96.04	95.80	95.88	95.59
6841	Area M	Str. 34	1973-5	2149-53	Level 2	95.94	95.81	95.75	95.65
6842	Area M	Burial 23	1966-7	2141-2	Level 1	95.68	95.67	95.14	95.02
6843	Area M	Str. 34	1963-5	2141-4	Level 1	95.59	95.28	95.46	95.13
6844	Area M	Burial 22	1966	2155-6	Internal Level 1b (arb 2)	95.00	94.98	94.91	94.74
6845	Area M	Str. 34	1973-5	2145-8	Level 2	95.99	95.76	95.76	95.71
6846	Area M	Str. 34	1970-2	2141-4	Level 2	95.88	95.59	95.70	95.57
6847	Area M	Str. 34	1973-5	2141-4	Level 2	95.97	95.82	95.84	95.69
6848	Area M	Str. 34	1967-8	2145-6	Level 2	95.60	95.46	95.37	95.34
6849	Area M	Str. 34	1969-70	2145-6	Level 2	95.57	95.54	95.38	95.38
6850	Area M	Str. 34	1965-6	2147-8	Level 2	95.50	95.36	95.38	95.36
6851	Area M	Str. 34	1965-6	2143-4	Level 2	95.48	95.34	95.34	95.27
6852	Area M	Str. 34	1970-5	2154-9	cleaning	N/A	N/A	N/A	N/A
6853	Area M	Str. 34	1967-8	2147-8	Level 2	95.56	95.49	95.40	95.34
6854	Area M	Str. 34	1967-8	2143-4	Level 2	95.59	95.43	95.38	95.30
6855	Area M	Str. 34	1972.93	2142.78	N/A	95.72	N/A	N/A	N/A
6856	Area M	Str. 34	1971-2	2145-6	Level 3	95.73	95.71	95.41	95.39
6857	Area M	Str. 34	1969-70	2157-8	Level 3	95.65	95.50	95.54	95.41
6858	Area M	Str. 33	1968-70	2157-9	Level 5	95.46	95.41	95.41	95.40
6859	Area M	Str. 33	1972	2156-7	Level 4	95.48	95.47	95.34	95.31
6860	Area M	Str. 34	1965-6	2145-6	Level 2	95.47	95.32	95.33	95.30
6861	Area M	Str. 33	1973	2154-5	Level 4	95.52	95.49	95.36	95.32
6862	Area M	Str. 33	1971-3	2158	Level 4	95.46	95.49	95.32	95.35
6863	Area M	Str. 34	1971-2	2147-8	Level 3	95.70	95.64	95.56	95.56
6864	Area M	Str. 34	1963-4	2143-4	Level 2	95.33	95.15	95.29	N/A
6865	Area M	Str. 33	1974-5	2154-5	Level 4	95.46	95.54	95.27	95.36
6866	Area M	Str. 33	1973	2156-8	Level 4	95.43	95.49	95.38	95.40
6867	Area M	Str. 34	1965-6	2141-2	Level 2	95.45	95.31	95.36	95.29
6868	Area M	Str. 34	1971-2	2143-4	Level 3	95.72	95.64	95.58	95.48
6869	Area M	Str. 34	1973-4	2147-8	Level 3	95.76	95.71	95.65	95.60
6870	Area M	Str. 33	1974-5	2156-7	Level 4	95.72	95.67	95.58	95.60
6871	Area M	Str. 34	1973-5	2152-3	Level 3	95.65	95.65	95.53	95.55
6872	Area M	Str. 34	1967-8	2141-2	Level 2	95.59	95.38	95.37	95.34
6873	Area M	213	1969-7	2143-4	Level 2	95.64	95.59	95.51	95.48
6874	Area M	Str. 34	1973-5	2145-6	Level 3	95.80	95.71	95.63	95.57
6875	Area M	Str. 34	1973	2149-51	Level 3	95.66	95.65	95.58	95.51
6876	Area M	Str. 33	1972-5	2159-60	Level 4	95.47	95.41	95.41	95.35
6877	Area M	Str. 33	1968-71	2157-9	Level 6	95.41	95.40	95.34	95.27
6878	Area M	Str. 34	1974	2145	Level 4	95.58	95.58	95.35	95.32
6879	Area M	Str. 34	1973-5	2143-4	Level 3	95.79	95.74	95.65	95.60
6880	Area M	Str. 33	1972-3	2156-7	Level 5	95.34	95.40	95.23	95.35
6881	Area M	Burial 24	1970	2144-5	Internal Level 1	95.58	95.49	95.47	95.24
6882	Area M	Str. 34	1963-5	2149-53	Level 2	95.41	95.15	95.18	95.13
6883	Area M	Str. 34	1968-71	2157-9	Level 7	95.34	95.27	95.28	N/A

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6884	Area M	Str. 33	1973	2153-4	Level 6	95.36	95.37	95.29	95.29
6885	Area M	Str. 34	1969-70	2141-2	Level 2	95.67	95.48	95.49	95.40
6886	Area M	Str. 34	1974-5	2149-5	Level 3	95.72	95.69	95.62	95.60
6887	Area M	214	1971-2	2154-5	Level 6	95.28	95.26	95.03	N/A
6888	Area M	Str. 34	1970-1	2147-8	Level 4	95.58	95.45	95.49	95.44
6889	Area M	Str. 34	1969-71	2155-8	Level 8	95.28	95.28	95.07	95.13
6890	Area M	Str. 34	1971	2156-7	Level 9	94.92	94.87	94.73	94.69
6891	Area M	Str. 34	1971-5	2141-2	Level 3	95.84	95.68	95.68	95.55
6892	Area M	Str. 34	1974-5	2145-7	Level 4	95.65	95.62	95.13	95.20
6893	Area M	Str. 34	1971	2157	Level 10	94.73	94.69	94.45	94.43
6894	Area M	Str. 34	1971	2157	Level 11	94.45	94.43	94.20	94.20
6895	Area M	Str. 34	1971	2157	Level 12	94.20	94.20		
6896	Area M	Str. 34	1966-9	2149-53	Level 2	95.44	95.44	95.26	95.18
6897	Area M	Str. 34	1971-2	2156-7	Level 6	95.23	95.35	94.04	94.12
6898	Area M	Str. 33	1967-70	2159-65	Level 5	95.45	95.49	95.44	95.49
6899	Area M	Str. 34	1974-6	2139-42	Level 1	96.30	96.27	96.10	95.71
6900	Area M	Str. 34	1971	2147-53	Level 4	95.65	95.41	95.39	95.28
6901	Area M	Str. 33	1967-70	2159-61	Level 6	95.44	95.49	95.15	95.33
6902	Area M	Str. 34	1966-70	2147-8	Level 3	95.50	95.38	95.27	95.24
6903	Area M	Str. 34	1969-71	2147-54	Level 5	95.39	95.28	95.20	94.99
6904	Area M	Str. 34	1963-5	2147-8	Level 3	95.51	95.13	95.39	95.08
6905	Area M	Str. 34	1971	2156-7	Level 7	94.06	94.06	92.59	92.59
6906	Area M	Str. 34	1964-6	2147-50	Level 4	95.50	N/A	95.25	95.20
6907	Area M	Str. 34	1968-70	2156-7	Level 8	95.08	95.03	95.06	94.99
6908	Area M	Str. 34	1963-4	2143-5	Level 3	95.28	95.08	95.13	94.99
6909	Area M	Str. 34	1968	2153	Level 4	95.40	95.49	95.24	95.22
6910	Area M	213	1975-6	2141-2	Internal Level 1	96.10	95.71	95.63	95.47
6911	Area M	Str. 34	1963-5	2151-3	Level 4	95.16	95.11	94.95	94.80
6912	Area M	Str. 34	1968-9	2153-7	Level 6	95.13	94.98	95.04	94.94
6913	Area M	Str. 34	1967-9	2158-60	Level 8	95.19	95.11	95.11	95.00
6914	Area M	Str. 34	1971-2	2157	Level 7	94.12	94.04	92.59	92.59
6915	Area M	Str. 34	1970	2153-4	Level 6	95.21	95.15	95.04	96.00
6916	Area M	215	1967-9	2160-2161.8	Level 8	95.22	95.17	95.09	95.08
6917	Area M	Str. 34	1971	2154-5	Level 6	95.14	95.13	95.07	95.07
6918	Area M	Str. 34	1970	2153-4	Level 6	95.20	95.18	95.03	95.03
6919	Area M	Str. 34	1963-6	2147-9	Level 4	95.18	95.02	95.12	94.73
6920	Area M	213	1975-6	2141-2	Internal Level 2	95.63	95.47	95.26	95.22
6921	Area M	Str. 33	1962.2	2162-3	Level 5	95.38	N/A	95.12	N/A
6922	Area M	213	1975-6	2141-2	Internal Level 3	95.26	95.22	95.08	95.04
6923	Area M	Str. 34	1972	2156-7	Level 8	92.59	N/A	91.37	N/A
6924	Area M	Str. 34	1974-6	2141-2	Level 2	95.78	95.64	95.16	95.04
6925	Area M	214	1971-2	2154-5	Internal Level 1	95.27	94.98	95.03	N/A
6926	Area M	214	1971	2154	Internal Level 2	95.03	N/A	94.96	N/A
6927	Area M	215	1969	2160	Internal Level 1	95.29	95.13	94.94	94.83
6928	Area M	Str. 34	1968-70	2152	Level 4	95.38	95.33	95.19	95.11
6929	Area M	Str. 34	1971-2	2158.5	wall cleaning	N/A	N/A	N/A	N/A
6930	Area M	Str. 34	1968-70	2150-1	Level 4	95.31	95.31	95.21	95.17
6931	Area M	215	1969	2160	Internal Level 2	94.94	94.83	94.63	94.59
6932	Area M	215	1969	2160	Internal Level 3	94.63	94.59	94.59	94.57
6933	Area M	Str. 34	1965-8	2145-6	Level 3	95.41	95.33	95.13	95.04

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6934	Area M	215	1969	2160	Internal Level 4	94.59	94.57	94.50	94.47
6935	Area M	Str. 34	1969-71	2148-9	Level 4	95.36	95.28	95.25	95.20
6936	Area M	Str. 33	1969	2161.8-63	Level 5	95.50	95.49	95.38	95.38
6937	Area M	Str. 34	1969	2161.8-63	Level 6	95.38	95.38	95.31	95.29
6938	Area M	Str. 34	1969	2161.8-63	Level 7	95.31	95.29	95.13	95.13
6939	Area M	Str. 34	1969-71	2146-7	Level 4	95.52	95.41	95.35	95.27
6940	Area M	Str. 34	1963-5	2154-5	Level 3	95.27	95.26	95.18	95.14
6941	Area M	Str. 34	1969-71	2146-7	Level 5	95.35	95.27	95.12	95.12
6942	Area M	Str. 34	1963-5	2154-5	Level 4	95.18	95.14	95.10	95.00
6943	Area M	Str. 34	1961-2	2143-4	Level 1	95.36	95.12	95.19	94.92
6944	Area M	Str. 34	1961-2	2143-4	Level 2	95.19	94.92	95.01	94.83
6945	Area M	Burial 24	1970	2144	Internal Level 2	95.47	95.24	94.77	94.74
6946	Area M	Str. 34	1963-4	2154-5	Level 4	95.18	95.14	94.94	94.92
6947	Area M	Burial 24	1970	2143-4	Internal Level 3	95.47	95.24	94.77	94.74
6948	Area M	Str. 34	1962	2141-2	Level 1	95.37	95.29	95.23	95.16
6949	Area M	Str. 34	1964-6	2152-5	Level 4	95.40	95.14	95.05	95.02
6950	Area M	Str. 34	1962	2141-2	Level 2	95.23	95.16	95.16	95.12
6951	Area M	Str. 34	1965	2145-6	Level 4	95.06	94.95	94.85	94.81
6952	Area M	Str. 34	1961-2	2152-5	Level 1	95.55	95.22	95.20	95.03
6953	Area M	Str. 34	1963-4	2144-6	Level 4	95.07	94.95	94.93	94.83
6954	Area M	Str. 34	1961-2	2152-5	Level 2	95.20	95.03	95.10	94.94
6955	Area M	Str. 34	1961-2	2143-4	Level 3	95.01	94.83	94.84	94.75
6956	Area M	Str. 34	1961-2	2152-5	Level 3	95.10	95.06	94.90	94.88
6957	Area M	Str. 34	1969	2146-7	Level 6	95.28	95.08	94.93	94.83
6958	Area M	Str. 34	1961	2152-4	Level 4	94.94	94.94	94.90	94.88
6959	Area M	Str. 34	1961-2	2150-1	Level 1	95.28	95.11	95.13	94.99
6960	Area M	Str. 34	1963-6.5	2147-50.5	Level 4	95.39	95.08	95.06	94.71
6961	Area M	Str. 34	1961-2	2150-1	Level 2	95.13	94.97	94.99	94.99
6962	Area M	Str. 34	1967.8	2159.7	N/A	95.23	N/A	N/A	N/A
6963	Area M	Str. 34	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6964	Area M	Str. 34	N/A	N/A	wall cleaning	N/A	N/A	N/A	N/A
6965	Area M	Str. 34	N/A	N/A	wall cleaning	N/A	N/A	N/A	N/A
6966	2014-4	Test Pit	2205-7	2050-2	Level 1	95.53	95.72	95.15	95.31
6967	2014-5	Test Pit	2235-7	2048-50	Level 1	95.81	95.99	95.54	95.70
6968	Area N	216	2241	2015	Level 1	97.80	97.96	97.40	97.61
6969	2014-7	Test Pit	2178-80	2082-4	Level 1	92.85	92.90	92.54	92.62
6970	2014-5	Test Pit	2235-7	2048-50	Level 2	95.54	95.70	95.46	95.58
6971	2014-4	Test Pit	2205	2050	Level 2	95.15	95.31	95.15	95.08
6972	2014-6	Test Pit	2241-5	2017-20	Level 1	97.94	97.62	97.68	97.65
6973	2014-6	Test Pit	2245-8	2016-19	Level 1	98.00	97.80	97.83	97.70
6974	2014-7	Test Pit	2178-80	2082-4	Level 2	92.54	92.62	92.39	92.46
6975	2014-7	Test Pit	2178-80	2082-4	Level 3	92.39	92.46	92.20	92.30
6976	2014-6	Test Pit	2245-8	2016-19	Level 2	97.83	97.70	97.64	97.47
6977	2014-6	Test Pit	2241-5	2017-20	Level 2	97.68	97.53	97.57	97.43
6978	Area N	Str. 36	2248-50	2016-8	Level 1	97.80	98.02	97.66	97.81
6979	Area N	Str. 36	2245-50	2019	Level 1	97.69	97.83	97.62	97.74
6980	Area N	Str. 36	2241-5	2017-20	Level 3	97.57	97.43	97.49	97.40
6981	Area N	Str. 36	2245-7	2012-5	Level 1	97.93	98.22	97.56	97.91
6982	Area N	Str. 36	2248-50	2016-8	Level 2	97.79	97.94	97.67	97.59
6983	Area N	Str. 36	2245-50	2019	Level 2	97.75	97.87	97.49	97.61
6984	Area N	Str. 36	2241-4	2012-5	Level 1	98.10	97.80	97.89	97.68
6985	Area N	Str. 36	2250-3	2016-9	Level 1	97.84	98.06	97.74	97.92
6986	Area N	216	2245-7	2012-5	Level 2	97.56	97.91	97.69	97.86

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
6987	Area N	Str. 36	2250-3	2016-9	Level 2	97.74	97.92	97.54	97.83
6988	Area N	216	2241-4	2012-5	Level 2	97.89	97.68	97.82	97.53
6989	Area N	Burial 25	2249	2018	Internal Level 1	97.23	97.43	97.21	97.39
6990	Area N	Burial 25	2249	2018	Internal Level 2	97.21	97.39	97.02	97.08
6991	Area N	Str. 36	2250-2	2012-5	Level 1	97.94	98.16	97.85	98.00
6992	Area N	Str. 36	2248-50	2012-5	Level 1	98.06	98.26	97.93	98.08
6993	Area N	Str. 36	2239-40	2014-6	Level 1	98.10	98.06	97.97	97.96
6994	Area N	217	2250-3	2016-9	Level 3	97.83	97.54	97.69	N/A
6995	Area N	Str. 36	2254-5	2017-9	Level 1	97.95	98.06	97.79	97.89
6996	Area N	Str. 36	2239-40	2014-6	Level 2	97.97	97.96	97.81	97.63
6997	Area N	Str. 36	2250-2	2012-5	Level 2	97.85	98.00	97.74	97.86
6998	Area N	Str. 36	2254-5	2017-9	Level 2	97.79	97.89	97.74	97.74
6999	Area N	Str. 36	2248-50	2012-5	Level 2	97.93	98.08	97.79	97.91
7000	Area N	Str. 36	2239-40	2014-6	Level 3	97.81	97.63	97.62	97.55
7001	Area N	Str. 36	2254-5	2017-9	Level 3	97.72	97.74	97.62	97.64
7002	Area N	Str. 36	2254-5	2020-2	Level 1	97.99	98.00	97.77	97.79
7003	Area N	Str. 36	2254-5	2014-6	Level 1	98.14	98.27	97.95	98.06
7004	Area N	Str. 36	2250-2	2009-11	Level 1	98.22	98.43	98.08	98.15
7005	Area N	Str. 36	2254-5	2014-6	Level 2	97.95	98.06	97.88	97.95
7006	Area N	Str. 36	2252-3	2020-2	Level 1	98.00	98.09	97.66	97.77
7007	Area N	217	2254-5	2014-6	Level 3	97.88	97.95	97.75	97.85
7008	Area N	217	2251-3	2012-6	Level 3	97.68	97.77	97.52	97.65
7009	Area N	Str. 36	2250-2	2009-11	Level 2	98.08	98.15	97.84	98.05
7010	Area N	216	2242-6	2012-3	Level 3	97.57	97.79	97.47	97.71
7011	Area N	Str. 36	2254-5	2020-2	Level 2	97.77	97.79	97.54	97.70
7012	Area N	218	2252-3	2020-2	Level 2	97.66	97.77	97.55	97.67
7013	Area N	Str. 36	2248-50	2012-5	Level 3	97.79	97.91	97.76	97.90
7014	Area N	Str. 36	2239-41	2014-6	Level 3	97.52	97.60	97.26	97.57
7015	Area N	216	2242-4	2014-6	Level 3	97.52	97.75	97.38	97.54
7016	Area N	Str. 36	2250-1	2020-2	Level 1	97.91	98.03	97.70	97.75
7017	Area N	Str. 36	2252-3	2007-8	Level 1	98.39	98.46	98.21	98.27
7018	Area N	Str. 36	2252-3	2007-8	Level 2	98.21	98.27	98.05	98.19
7019	Area N	Str. 36	2250-1	2020-2	Level 2	97.70	97.75	97.52	97.54
7020	Area N	Str. 36	2248-9	2020-2	Level 1	97.66	98.03	97.52	97.67
7021	Area N	217	2254-5	2012-3	Level 1	98.30	98.32	98.03	98.11
7022	Area N	Str. 36	2245-6	2015	Level 3	97.72	97.86	97.52	97.61
7023	Area N	218	2253-4	2017-20	Level 3	97.71	97.71	97.57	97.70
7024	Area N	Str. 36	2253	2009-10	Level 1	98.24	98.45	97.96	98.04
7025	Area N	Str. 36	2248-9	2020-2	Level 2	97.52	97.67	97.46	97.45
7026	Area N	217	2254-5	2012-3	Level 2	98.03	98.11	97.85	97.95
7027	Area N	217	2254-5	2012-3	Level 3	97.85	97.95	97.79	97.85
7028	Area N	216a	2245	2014	Internal Level 1	N/A	97.77	97.23	97.61
7029	Area N	216b	2243-4	2014-5	Internal Level 1	97.54	97.80	97.38	97.48
7030	Area N	216c	2242-3	2015-6	Internal Level 1	97.33	97.53	97.20	97.32
7031	Area N	217	2252-5	2013-5	Internal Level 1	97.75	97.83	97.55	97.63
7032	Area N	218	2253	2019	Internal Level 1	97.71	97.84	97.38	97.30
7033	Area N	Str. 36	2251.5	2015	N/A	N/A	97.70	N/A	N/A
7034	Area M	Str. 33	1963.53	2164.64	N/A	95.46	N/A	N/A	N/A
7035	Area N	Str. 36	2253.4	2022.35	N/A	N/A	97.66	N/A	N/A
7036	Area M	Str. 33	1962.32	2164.37	N/A	95.74	N/A	N/A	N/A
7037	Area N	Burial 25	2249.2	2018.85	N/A	97.22	N/A	97.17	N/A
7038	Area M	Str. 34	1970.5-2	2145-8	Level 2	95.80	95.69	95.73	95.64

Table E.2 - El Mogote Artifact Inventory

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6401	1	1							
6402	1								
6403	1	1							
6404	1								
6405	1								
6406									
6407	1	1							
6408	1								
6409	1								
6410	1								
6411	10								
6412	1	1							
6413	1								
6414	1	2							
6415	1	2							
6416	9	1							
6417	8	2							
6418	14	2							
6419	1	1							
6420	1								
6421	1								
6422	1								
6423	1								
6424	1	1							
6425	1								
6426	1	1							
6427	2								
6428	2	1							
6429	1								
6430	1								
6431	1								
6432	1								
6433	1								
6434	1	1							
6435	1								
6436	1								
6437	1	1							
6438	1					1			1
6439	1	1				1			
6440	2				1				
6441	1	1							
6442	2								
6443	1								
6444	1								
6445	2								
6446	1	1							
6447	1								
6448	3	1							
6449	2								
6450	1								
6451									
6452	2				1				
6453	3								
6454	2								
6455	1	1							
6456									
6457	2								
6458	1								
6459	1								
6460	2								
6461	1								
6462	3	1			1	1			

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6463	1	1			1				
6464	2	1							
6465	2								
6466	1	1							
6467			1						
6468	3				1	1			
6469	1								
6470	1								
6471	1								
6472	1								
6473	1	1							
6474		1							
6475	1	1			1			2	
6476	1	1							
6477	1								
6478	1								
6479	1	1							
6480	1	1							
6481	2				1			2	
6482	1								
6483									
6484	2	1							
6485	1								
6486	2							1	
6487	1								
6488									
6489									
6490	1								
6491	1								
6492	2							2	
6493	1								
6494	1				1				
6495	1								
6496	1								
6497	1							3	
6498	1								
6499	2				1		1?	3	
6500	2	1			1				
6501	1							1	
6502	1				1				
6503	1								
6504	2	1	1						
6505	1	1							
6506	3	1			1			1	
6507	2				1				
6508	3	1				1			
6509	4	1			1				
6510	2	1							
6511	2				1				
6512	1							1	
6513	1				1				
6514	1				1				
6515	2				1				
6516	2								
6517	1				1				
6518								2	
6519	2							2	
6520	2								
6521	1	1							
6522	2								
6523	2								
6524	1								
6525	1								
6526	1								
6527	2								

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6528	1								
6529	2								
6530	1	1							
6531	2								
6532	1								
6533	1								
6534	1								
6535	1								
6536	1								
6537	2								
6538	2								
6539	1								
6540	1								
6541	1								
6542	1								
6543	1								
6544	2								
6545	1								
6546	1								
6547	1								
6548	1				1				
6549	1								
6550	1								
6551	1								
6552	1								
6553	1								
6554	1								
6555	2								
6556	2	1							
6557	1								
6558	1								
6559	1				2				
6560	1								
6561	1								
6562	1				1				
6563	2				1				
6564	2							1	
6565	1	1							
6566	2	1			1				
6567	1				1				
6568	2								
6569	1								
6570	1								
6571	1								
6572	2								
6573	1							1	
6574	2	1						1	
6575	1								
6576	4	2						3	
6577	4				1			1	
6578	1				1			2	
6579	1								
6580	2								
6581	2								
6582	1				1				
6583	2	1					1		
6584	2	1			1				
6585	2	1			1			2	
6586	2								
6587	2				1				
6588	1								
6589	1								
6590	2	1							
6591	3								
6592	1								

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6593	2								
6594	1								
6595	2								
6596	1			1?					
6597	1						1?		
6598	1			1?					
6599	2	1							
6600	2	1							
6601	1								
6602	1	1							
6603	1								
6604	1								
6605	1				1		1?		
6606	1	1							
6607	1								
6608	1								
6609	1	1							
6610	1	1			1			1	
6611	1								
6612	1								
6613	1	1			1				
6614	1				1				
6615	1								
6616	1	1			1				
6617	1	1							
6618	1	1							
6619	2				1				1
6620									
6621	1								
6622	1	1							
6623	1				1				
6624	1	1			1				
6625	1								
6626	1								
6627	1	1							
6628	1								
6629	1								
6630	1								
6631									
6632	1	1			1				
6633	1			1?	1				
6634	1				1		1		
6635	2				1				
6636		1							
6637	1				1				
6638	1								
6639	1								
6640	1								
6641	1	1			1				
6642	1								
6643	1						1?		
6644	1								
6645	1								
6646	1						1	1	
6647	1	1							
6648	1								
6649	1	1							
6650	1	1			1		1		
6651	1								
6652	1								
6653	1	1							
6654	1				1				
6655	1				1				
6656	1	1						1	
6657	1								

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6658	1				1				
6659	1	2							
6660	1				1			1	
6661	1					1		1	
6662	1	1			1				
6663	1								
6664	1				1			1	
6665	1								
6666	1								
6667	1	1							
6668	1								
6669	1				1				
6670	1	1			1				
6671	1	1							
6672	1				1				
6673	1	1			1				
6674	1	1							
6675	1	1			1				
6676	2				1			4	
6677	1								
6678	2	1							
6679	1	1			1				
6680	1								
6681	2	1			1			1	
6682	1				1			4	
6683									
6684	1				1				
6685	2				1				
6686					1				
6687	1				1			1	
6688		1							
6689	1	1		1		1			
6690	2				1			1	
6691	1							1	
6692	1				1				
6693	1				1				
6694	1	1			1	1	1	1	
6695	1				1				
6696									
6697	1				1				
6698	1	1			1				
6699	1	2				1			
6700	1				1			1	
6701	1	1	1		1			2	
6702	1								
6703	1								
6704	1				1				
6705	1							1	
6706	1	1			1				
6707	1	1			1		1	1	
6708	1	1							
6709	3				1				
6710	1	1			1				
6711	1	1							
6712	1	1							
6713	1				1		1		
6714	1								
6715	1				1			2	
6716	3							1	
6717	1	1							
6718	1	1							
6719	1				1				
6720	2				1				
6721	1	1							
6722	3				1				

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6723	3				1				
6724	1								
6725	2								
6726	2							1	
6727	2	1							
6728	2	1			1				
6729	1	1			1				
6730	2							1	
6731	1	1							
6732	1								
6733	1	1?			1		1 (burnt)		
6734	1	1			3				
6735	3	1							
6736	1	1	1		1				1
6737	1	1			1	1			
6738	1						1	1	
6739	1	1				1		1	
6740	1	1			2				
6741	1								
6742	1						1	1	
6743									
6744	1				1			4	
6745	1								
6746	1	1			1		1		
6747	2				1				
6748	1	1			1				
6749	1	1			1	1	1		
6750	1								
6751	1								
6752	2								
6753	2				1				
6754	1	1							
6755	2	1			1			2	
6756	1			1?	1				
6757	1								
6758	1	1					1		
6759	1								
6760	2								
6761	1				1				
6762	1								
6763	1								
6764	1	1			1			1	
6765	1	1			1				1
6766	1								
6767	1								
6768	1				1				
6769	2				1				
6770	1								
6771	1				1		1		
6772	1	1							
6773	1	1			1				
6774	1	1			1				
6775	1								
6776	1				1				
6777	1								
6778	1							1	
6779	1	1			1				
6780	2							1	
6781	1					1	1		
6782	1	1							
6783	1								
6784	2								
6785	1				1				
6786	1				1		1		

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6787	1				1				
6788	1	1	1						
6789	1					1			
6790	1								
6791	2						1		
6792	2								
6793	1				1				
6794	1								
6795	1				1				
6796	1			1	1				
6797	1								
6798	2								
6799	2				1				
6800	1								
6801	1				1				
6802	2				1				
6803	2				1				
6804	1				1				
6805	1	1			1		2	3	
6806	1								
6807	1						1		
6808	1	1			1				
6809									
6810	1							2	
6811	1								
6812	1				1				
6813	1						1		
6814	1				1				
6815	1				1		1		
6816	1	1			1				
6817	1								
6818	2	1			1				
6819	2			1	1				
6820	1		1		1		1		
6821	2				1		1		
6822	7				1		1	1	
6823	6				1		4		
6824	1								
6825					1				
6826	1								
6827					1				
6828	2								
6829	1	1			1				
6830									
6831	2	1							
6832	1	2		1?	1				
6833	1	1			1				
6834	4	1	1		1				
6835	1	1			1			1	
6836	1				1				
6837	1	1							
6838	2	1			1				
6839			1						
6840	1								
6841	1	1			1			1	
6842	1	1	1		1	1	3	4	
6843	1	1			1				
6844	2				1		2		
6845	1				1				
6846	1				1				
6847	1				1				
6848	1	1			1	2	1		
6849	1				1			1	
6850	1				1				
6851	1	1							

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6852	1				1				
6853	1	1			1				
6854	1	1			1			1	1
6855		1							
6856	1	1			1	1		1	
6857	1				1				
6858	1								
6859	1				2	1	1	2	
6860	1	1			1		1	1	
6861	1				1		1		
6862	1				1				
6863	1	1			1			1	
6864	1	1			1			1	
6865	2	1			3	1	1	1	
6866	1	1			1			1	
6867	1	1			1				
6868	1	1			1	1	1	1	
6869	1				1		1		
6870	1	1			1		1	2	
6871	1	1			1		1		
6872	1	1			1	1	1		
6873	1				1		1		
6874	1			1	1		1		
6875	1				1				
6876	1	1			1	1	1	1	
6877	1	1			1	1	1	1	
6878	2								
6879	1	1			1	1	1		1
6880	1	1			1	1	1		
6881	2	1			1		2	1	
6882	2	1	1	1	1		1	1	
6883	1	1			1		1	1	
6884	1	1			1		1		
6885	1	1			1	1	1		
6886	1				1				1
6887	1							1	
6888	1	1			1		1		
6889	1	1			2		1	1	
6890	1	1			1		1		
6891	1	1	1		1		1	1	1
6892	2	1			1	1			
6893	1				1		1	1	1
6894	1	1			1		1	1	
6895	1				1				
6896	1	1			1				
6897	3	1	3		8	1	1	1	1
6898	1	1			1			1	
6899	1	1			1	2	1	1	
6900	1				4				
6901	1	1			1		1	2	
6902	1	1			1				
6903	1	1	1		4		1		
6904	1	1			1				
6905	1	1			1		1	2	
6906	1	1			1				
6907	1	1			4	1	1	1	
6908	1				1				
6909	1	1							
6910	5	1			2	1	1	2	
6911	1	1			7				1
6912	1	1			1	1	1	1	
6913	1	1	1		2		1	1	
6914	1				3		1	1	
6915	1	1			1		1	1	
6916	1	1	1		3		1	1	

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6917	1	1	1		1			1	
6918	1	1			1				
6919	2	1			2		1		
6920	1		1	1	1		1	1	
6921	1	1					1		
6922	1	1	1		1	1	1	1	1
6923	1				1				
6924	1	1			1		1	1	1
6925	1								
6926									
6927	1	1			1		1	2	
6928	1	1			1				
6929	2	1	1	1	3		1	1	1
6930	2				2		1	1	
6931	1	1			1		1		
6932									
6933	1	1			1	1		1	
6934								1	
6935	1	1			1				
6936	1								
6937	1				1				
6938	1	1			1		1		1
6939	2	1							
6940	1				1				
6941	1	1			1		1		
6942	1								
6943	1	1							
6944	1	1			1				
6945		1					1		1
6946	1								
6947	1	1		1			1		1
6948	1	1							
6949									
6950	1	1					1	1	
6951	1	1			1				
6952	1	1							
6953	2	1			1				
6954	1	1			1				
6955	1	1			1				
6956	1				1				
6957	1	1			1			1	1
6958	1	1			1				
6959	1				1				
6960	1	1	1				1	1	
6961	2	1			1				
6962			1						
6963									1
6964	1								
6965	1				1				
6966	1	1					1		
6967	1				1		1		
6968	4	1					1	1	
6969	2	1							
6970	1								
6971	1	1							
6972	1	1					1		
6973	1								
6974	1	1			1				
6975	1	1			1				
6976	1				1				1
6977	1								
6978	1	1							
6979	1								
6980	1	1							
6981	1	1	1				1		

Prov.	Sherds	Chipped Stone	Ground Stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
6982	1	1							
6983	1	1	1		1		1		
6984	1	1			1				
6985	1	1							
6986	1								
6987	3	1			1				
6988	3	1			1		1		1
6989	2	1				1		1	
6990	3						3		
6991	1				1				
6992	1								
6993	1	1							1
6994	1								
6995	1								
6996	1	1			2				1
6997	1	1			1				
6998	1								
6999	1				1		1		1
7000	2	1			1				
7001	1								
7002	1								
7003	1	1							
7004	1								
7005	1	1			1				
7006	1								
7007	1	1			1				
7008	1	1	1		1				1
7009	1	1							
7010	3	1			2		1	2	
7011									
7012	1	1			1				
7013	1	1			1				
7014	1	1			1				
7015	2	1			1	1	2	1	
7016	1								
7017	1								
7018	1								
7019	1								
7020	1								
7021	1	1							
7022		1							
7023	1	1							
7024	1				1				
7025	1								
7026	1	1			1				
7027	1	1			1				
7028	2	1			2	1	1		1
7029	2	1			1		1	1	
7030	11	1			1		1		1
7031	3	2	1		1				
7032	3	1	1		1		1		1
7033									
7034								1	
7035			1						
7036								1	
7037	1								
7038	1				1				

Appendix F – El Palenque Provienience and Artifact Inventory

Table F.1 - El Palenque Proveniences

Prov.	Op.	Fea.	N	E	Level	Top Depth (MAX)	Top Depth (MIN)	Bottom Depth (MAX)	Bottom Depth (MIN)
7038	Area X Str. 31		2319-28	1123-32	Level 1	164.23	163.28	164.23	163.19
7039	Area X Str. 31		2314-22	1118-1122	Level 1	164.71	163.98		
7040	Area X Str. 31		2309-18	1123-32	Level 1	164.19	163.11		
7041	Area X Str. 31		2314-18	1133-1142	Level 1	163.57	162.42		
7042	Area X Str. 31		2309-2313	1133-1147	Level 1	163.43	161.79		
7043	Area X Str. 31		2306-8	1133-1147	Level 1	163.16	161.84	163.11	161.82
7044	Area X Str. 31		2319-26	1133-8	Level 1	163.6	162.87	163.57	162.56
7045	Area X Str. 31		2319-22	1123-27	Level 2	164.04	163.74	163.98	163.67
7046	Area X Str. 31		2309-13	1128-1132	Level 2	163.75	163.11	163.73	163.07
7047	Area X Str. 31		2314-18	1123-5	Level 2	164.04	163.96	163.94	163.89
7048	Area X Str. 31		2319-22	1128-33	Level 2	163.86	163.6	163.77	163.56
7049	Area X Str. 31		2314-18	1126-8	Level 2	163.88	163.79	163.81	163.76
7050	Area X Str. 31		2314-8	1128-9	Level 2	163.84	163.6	163.75	163.53
7051	Area X Str. 31		2309-13	1123-7	Level 2	163.98	163.66	163.78	
7052	Area X Str. 31		2318-20	1123-4	Level 3	163.96	163.83	163.83	163.74
7053	Area X Str. 31		2311-2	1128-9	Level 3	163.75	163.59	163.65	163.58
7054	Area X Str. 31		2314-8	1128-9	Level 3	163.75	163.65	163.71	163.6
7055	Area X Str. 31		2320-3	1120-4	Level 2	164.18	164	164.12	163.9
7056	Area X Str. 31		2315-6	1124-8	Level 3	163.94	163.73	163.85	163.73
7057	Area X Str. 31		2319-22	1128-33	Level 3	163.77	163.56	163.73	
7058	Area X Str. 31		2323	1126-7	Level 3	163.91	163.83	163.81	163.73
7059	Area X Str. 31		2316-22	1124-7	Level 4	163.85	163.66	163.73	163.61
7060	Area X Str. 31		2323-8	1123-7	Level 2	164.16	163.79	164.13	163.75
7061	Area X Str. 31		2313-4	1120-2	Level 2	164.27	164.12	164.2	164.07
7062	Area X Str. 31		2309-13	1118-22	Level 2	164.33	164.12	164.18	163.98
7063	Area X Str. 31		2318-23	1123-4	Level 3	164.02	163.76	163.85	163.67
7064	Area X Str. 31		2314-17	1124-6	Level 3	164.02	163.92	163.9	163.82
7065	Area X Str. 31		2314-16	1122-4	Level 3	163.99	163.87	163.91	163.77
7066	Area X Str. 31		2314-5	1131-3	Level 2	163.51	163.38	163.48	163.26
7067	Area X Str. 31		2309-14	1134-5	Level 2	163.15	162.97	163.11	162.9
7071	Area X Str. 31		2313-7	1136-8	Level 2	163.08	162.69	163.01	162.69
7072	Area X Str. 31		2309-13	1133-4	Level 2	162.96	162.94	162.86	162.85
7074	Area X Str. 31		2314-6	1134-6	Level 2	163.28	162.99	163.14	162.97
7075	Area X Str. 31		2309-10	1133-6	Level 2	163.15	162.88	163.06	162.76
7076	Area X Str. 31		2309-12	1137	Level 2	162.91	162.71	162.75	162.62
7077	Area X Str. 31		2314-16	1138-9	Level 2	162.83	162.52	162.82	162.44
7078	Area X Str. 31		2314-16	1134-6	Level 3	163.14	162.97	163.01	162.93
7081	Area X Str. 31		2322-4	1133-4	Level 3	163.28	162.71	163.05	162.71
7084	Area X Str. 31		2313-4	1136-7	Level 3	163.01	162.9	162.91	162.83
7086	Area X Str. 31		2315-7	1136-8	Level 3	162.92	162.81	162.8	162.76
7087	Area X Str. 31		2318	1124	Level 5	163.84	163.77	163.79	163.64
7088	Area X Str. 31		2323	1126-7	Level 4	163.72	163.61	163.66	163.6
7089	Area X Str. 31		2309-14	1134-5	Level 3	163.11	162.9	162.91	162.84
7092	Area X Str. 31		2311-2	1135	Level 4	163.15	163.09	162.93	162.87
7094	Area X Str. 31		2306-11	1138-42	Level 2	162.66	162.52	162.49	162.4
7101	Area X Str. 31		2324-27	1126-7	Level 2	163.89	163.7	163.69	163.54
7103	Area X Str. 31		2316-9	1132	Level 4	163.35	163.32	163.27	163.31
7104	Area X Str. 31		2317-8	1133	Level 4	163.28		162.58	
7105	Area X Str. 31		2322-5	1132-3	Level 2	163.57	163.13	163.5	163.12
7107	Area X Str. 31		2306-7	1137-9	Level 2	162.68	162.66	162.55	162.5
7108	Area X Str. 31		2309-13	1143-5	Level 2	162.34	161.84		

7110	Area X Str. 31		2328	1125-7	Level 2	163.62	163.36	163.62	163.29
7112	Area X Str. 31		2316-8	1125-7	Level 5	163.64	163.54	163.57	163.54
7114	Area X Str. 51		2301-5	1148-53	Level 1	161.87	161.1		
7116	Area X Str. 31		2319-23	1124-28	Level 5	163.66	163.59	163.54	163.51
7118	Area X Str. 51		2296-2304	1148-52	Level 1	-85	-182		
7117	Area X Str. 31		2828-9	1128-32	Level 2	163.41	163.11	162.73	
7119	Area X Str. 31		2323	1126-7	Level 5	163.66	163.6	163.56	163.54
7210	Area X Str. 31		2323	1128-9	Level 4	163.54	163.54	163.5	163.48
7122	Area X Str. 31		2314-5	1131-3	Level 3	163.48	163.3	163.42	163.24
7124	Area X Str. 31		2311-12	1131-3	Level 3	163.48	163.29	163.39	
7125	Area X Str. 31		2309-10	1130-1	Level 3	163.44	163.29	163.32	
7132	Area X Str. 31		2310	1142	Level 3	162.04	162.02		
7133	Area X Str. 31		2309.6	1142.87	NA	162.14	162.1		
7134	Area X Str. 31		2308	1139-40	Level 3	162.22	162.19	162.11	162.09
7135	Area X Str. 31		2309	1140	Level 3	162.22	162.14	162.08	162.06
7139	Area X Str. 31		2315.90	1130.85	NA	163.51			
7142	Area X Str. 31								
7143	Area X Str. 31		2309.90-2310.05	1141.35	IL-1	162.45			
7144	Area X Str. 31		2315.8-2316.5	1130.8-1131.5	Level 6	163.48		163.42	
7145	Area X Str. 31		2320-1	1133-5	IL-1	163.36	163.16	163.12	162.91
7146	Area X								
7069	Area X Str. 31	B.26	2314	1127	IL-1	163.93	163.74	163.79	163.68
7070	Area X Str. 31	B.26	2314	1127	IL-2	163.79	163.68	163.27	163.26
7082	Area X Str. 31	B.26	2314	1127	IL-3	163.27	163.26	163.25	163.26
7085	Area X Str. 31	B.26	2314	1127	IL-4	163.25	163.26		163.18
7079	Area X Str. 31	B.27	2319-22	1133-7	Level 2	163.55	163.09	163.41	163.07
7090	Area X Str. 31	B.27	2319.5-2320.5	1134-5	IL-1	163.45	163.38	163.31	163.28
7095	Area X Str. 31	B.27	2319.5-2320.5	1134-5	IL-2	163.31	163.28	163.25	163.21
7115	Area X Str. 31	B.28	2310-11	1144.5-45	IL-1	161.74	161.62	161.62	161.5
7102	Area X Str. 31	B.29	2324-7	1128-32	Level 2	163.75	163.32	163.68	163.27
7111	Area X Str. 31	B.29/F.224	2323.5-24.1	1129.9-30.5	IL-1	163.61	163.49	163.43	163.43
7113	Area X Str. 31	B.29/F.224	2324-7	1128-32	L.3/IL-2 (?)	163.68	163.27	163.51	163.21
7123	Area X Str. 31	B.29/F.224	2323-4	1129-31.5	IL-2	163.51	163.27	163.42	163.21
7129	Area X Str. 31	B.29/F.224	2323-4	1129-31.5	IL-3	163.42	163.21	163.16	163.06
7138	Area X Str. 31	B.29/F.224	2323-4	1129-31.5	IL-4	163.16	163.06	163.1	163.02
7126	Area X Str. 31	B.30	2306-10	1143-5	Level 2	162.13	161.71	161.99	
7127	Area X Str. 31	B.30	2307	1143.5-44.5	IL-1	161.99	161.92	161.83	161.79
7073	Area X Str. 31	F.221	2322-4	1133-4	Level 1	163.36	162.81	163.28	162.71
7091	Area X Str. 31	F.221	2318-20	1135.5-7	IL-1	163.09	162.79	162.94	162.79
7093	Area X Str. 31	F.221	2318-20	1135-7	IL-2	162.94	162.79	162.87	162.74
7097	Area X Str. 31	F.221	2318-20	1135-7	IL-3	162.87	162.74		
7098	Area X Str. 31	F.221	2318-20	1135-7	IL-4	162.87	162.74	162.75	162.68
7100	Area X Str. 31	F.221	2318-20	1135-7	IL-5	162.75	162.68	162.73	162.62
7068	Area X Str. 31	F.222	2314-9	1131-3	Level 2	163.71	163.44	163.65	163.44
7096	Area X Str. 31	F.222	2316.6-9.4	1131.4-33	IL-1	163.76	163.55	163.52	163.46
7099	Area X Str. 31	F.222	2314-9	1131-3	Level 3	163.52	163.38	163.35	163.19
7121	Area X Str. 31	F.223	2314	1132-3	IL-1	163.8	163.63	162.9	162.83
7137	Area X Str. 31	F.225	2309.3-10.3	1140.3-1.25	IL-1	162.57	162.54	162.48	162.47
7140	Area X Str. 31	F.225	2309.3-10.3	1140.3-1.25	IL-2	162.48	162.47	162.44	162.43
7141	Area X Str. 31	F.225	2309.3-10.3	1140.3-1.25	IL-3	162.44	162.43	162.41	162.4

7128	Area X Str. 31	F.226	2314-6	1134-6	Level 4	163.01	162.93	162.98	162.83
7130	Area X Str. 31	F.226	2314-6	1134-6	Level 5	162.92	162.85	162.91	162.81
7131	Area X Str. 31	F.226	2314-6	1134-6	Level 6	162.98	162.83	162.85	162.82
7136	Area X Str. 31	F.226	2314-6	1134-6	Level 7	162.85	162.82	162.79	162.72
7080	Area X Str. 31	F.220	2309-13	1133-4	Level 3	163.16	163.15	163.11	163.09
7083	Area X Str. 31	F.220	2310-11	1132.5-33	IL-1	163.23	163.17	163.18	163.06
7106	Area X Str. 31	F.220	2309-13	1133-4	Level 4	163.11	163.09	163.04	163.02
7109	Area X Str. 31	F.220	2310-13	1133-4	Level 5	163.04	163.02	162.94	162.89
9000	Area P		2070-75	1274-9	N/A	135.11	134.67	135.01	134.57
9001	Area P Str. 50		2070-76	1280-85	Level 1	135.16	134.66	135.11	134.61
9002	Area P Str. 50		2070-76	1280-85	Level 2	135.11	134.61	135.08	134.56
9003	Area P Str. 50		2070-76	1286-91	Level 1	135.27	134.51		
9004	Area P Str. 50		2077-83	1286-91	Level 2				
9005	Area P Str. 50		2070-76	1285-91	Level 2				
9006	Area P Str. 50		2077-83	1286-91	Level 1				
9007	Area P Str. 50		2084-90	1286-91	Level 1	134.69	134.17		
9008	Area P Str. 50		2077-83	1292-97	Level 1	134.7	134.41		
9009	Area P Str. 50		2084-90	1292-97	Level 1	134.7	134.39		
9010	Area P Str. 50		2091-2	1286-97	Level 1	134.69	134.2		
9011	Area P Str. 50		2077-83	1292-97	Level 2	135.02	134.41	133.72	133.4
9012	Area P Str. 50		2070-76	1292-97	Level 1	134.69	133.95		
9013	Area P Str. 50		2084-90	1280-85	Level 1	134.69	134.2		
9014	Area P Str. 50		2077-83	1298-1303	Level 1				
9015	Area P Str. 50		2091-8	1286-91	Level 1				
9016	Area P Str. 50		2093-9	1292-7	Level 1				
9017	Area P Str. 50		2077-83	1280-85	Level 1				
9018	Area P Str. 50		2077-83	1280-85	Level 1				
9019	Area P Str. 50		2091-7	1280-85	Level 1				
9020	Area P Str. 50		2075-6	1298-1303	Level 1				
9021	Area P Str. 50		2093-9	1292-7	Level 2				
9022	Area P Str. 50		2077-83	1298-1303	Level 2				
9023	Area P Str. 50		2091-7	1298-9	Level 1				
9024	Area P Str. 50		2075-6	1286-91	Level 3				
9025	Area P Str. 50		2091-2	1298-1303	Level 1	134.45	133.91	133.97	133.77
9026	Area P Str. 50		2091-2	1292-7	Level 2				
9027	Area P Str. 50		2093-9	1298-1303	Level 1				
9028	Area P Str. 50		2091-2	1280-85	Level 2				
9029	Area P Str. 50		2084-90	1292-7	Level 2				
9030	Area P Str. 50		2093-9	1280-86	Level 1				
9031	Area P Str. 50		2091	1286					
9032	Area P Str. 50		2093-4	1298-1313	Level 1				
9033	Area P Str. 50		2093-9	1298-1303	Level 3				
9034	Area P Str. 50		2093	1286					
9035	Area P Str. 50		2084-92	1304-7	Level 1				
9036	Area P Str. 50		2093-9	1304-7	Level 2				
9037	Area P Str. 50		2091-2	1298-1303	Level 2	133.97	133.77		
9038	Area P Str. 50		2084-90	1298-1303	Level 2				
9039	Area P Str. 50		2077-83	1304-5	Level 1	133.83	133.4		
9040	Area P Str. 50		2077-82	1308-9	Level 1				
9041	Area P Str. 50		2077-83	1314-9	Level 1				
9042	Area P Str. 50		2091	1292	Level 2b				
9043	Area P Str. 50		2093-9	1298-1303	Level 2				
9044	Area P Str. 50		2077-93						
10000a	Area P Str. 50		2084	1314					
10000b	Area P Str. 50								

10000c	Area P Str. 50		2077	1292					
10000d	Area P Str. 50		2077	1298					
10000e	Area P Str. 50		2084	1280	Level 1				
10000f	Area P Str. 50		2084	1308	Level 1				
10000g	Area P Str. 50		2077	1306					
10000h	Area P Str. 50		2091	1308-14					
10000i	Area P Str. 50		2084	1292					
10000j	Area P Str. 50		2077	1298					
10000k	Area P Str. 50		2070	1298					
10000l	Area P Str. 50		2077	1314	Level 1				
9045	Area P Str. 50		2093-7	2086-7	Level 3	135.92	135.72	135.7	135.64
9046	Area P Str. 50		2077-83	1290-1	Level 3	135.48	135.23	135.33	135.12
9047	Area P Str. 50		2091-4	1296-7	Level 3	135.77	135.54	135.64	74.06
9048	Area P Str. 50		2088-91	1308-12	Level 2	135.21	135.18	135.11	134.9
9049	Area P Str. 50		2091-4	1295	Level 3	135.82	135.61	135.79	135.55
9050	Area P Str. 50		2087-92	1285	Level 3	135.74	135.69		135.47
9051	Area P Str. 50		2087-90	1294-5	Level 3	135.71	135.38	135.68	135.23
9052	Area P Str. 50		2076-7	1290-7	Level 3	135.21	134.93	135.2	134.84
9053	Area P Str. 50		2088-90	1310-11-5	Level 3	134.98	134.9	134.89	134.67
9054	Area P Str. 50		2081-6	1284	Level 3	135.84	135.64	135.64	135.58
9055	Area P Str. 50		2075-9	1298-1301	Level 3	135.11	134.91	135	134.87
9056	Area P Str. 50		2081-4	1285-6	Level 3	135.55	135.54	135.39	135.3
9057	Area P Str. 50		2084-8	1306-7	Level 3	135.14	134.89	135.01	134.81
9058	Area P Str. 50		2091-4	1295	Level 4	135.79	135.55	135.67	135.48
9059	Area P Str. 50		2084-6	1292-5	Level 3	135.4	135.28	135.23	135.15
9060	Area P Str. 50		2087-90	1294-5	Level 4	135.43	135.23	135.33	135.16
9061	Area P Str. 50		2091-7	1286-7	Level 4	135.71	135.6	135.63	135.49
9062	Area P Str. 50		2091-4	1295	Level 5	135.67	135.48	135.44	135.35
9063	Area P Str. 50		2097	1288-93	Level 3	135.96	135.65	135.76	135.6
9064	Area P Str. 50		2084-6	1292-5	Level 4	135.23	135.15	135.13	135.08
9065	Area P Str. 50		2096-7	1294-7	Level 3	135.73	135.48	135.68	135.38
9066	Area P Str. 50		2084-7	1308-11	Level 3	135.15	134.63	134.95	134.62
9067	Area P Str. 50		2081-3	1304-5	Level 1	135.34	135.32	135.14	135.04
9068	Area P Str. 50		2095-6	1288-91	Level 3	135.86	135.68	135.72	135.62
9069	Area P Str. 50		2093-4	1296-8	Level 4	135.64	135.44	135.45	135.31
9070	Area P Str. 50		2087-90	1294-5	Level 5	135.33	135.16	135.19	135.11
9071	Area P Str. 50		2094-5	1292-4	Level 3	135.66	135.44	135.47	135.4
9072	Area P Str. 50		2084-6	1292-5	Level 5	135.13	135.08	135.08	135.01
9073	Area P Str. 50		2080-4	1302-5	Level 2/3	135.15	135.04	134.95	134.91
9074	Area P Str. 50		2091-3	1288-92	Level 3	135.81	135.48	135.68	135.46
9075	Area P Str. 50		2091-2	1296-1301	Level 3	135.56	135.36	135.41	135.27
9076	Area P Str. 50		2082-3	1308-11	Level 3	135.22	134.86	134.99	134.58
9077	Area P Str. 50		2088-90	1286-91	Level 3	135.63	135.43	135.66	135.54
9078	Area P Str. 50		2075-8	1301-5	Level 3	135.11	134.83	134.86	134.66
9079	Area P Str. 50		2089-90	1300-3	Level 3	135.35	135.24	135.26	135.17
9080	Area P Str. 50		2084-7	1308-11	Level 4	134.95	134.63	134.9	134.62
9081	Area P Str. 50		2083	1292-5	Level 3	135.29	135.18	135.19	135.05
9082	Area P Str. 50		2087-8	1300-3	Level 3	135.32	135.17	135.23	135.09
9083	Area P Str. 50		2082-3	1296-9	Level 3	135.18	135.06	135.05	134.99
9084	Area P Str. 50		2085-6	1300-2	Level 3	135.27	135.04	135.14	134.99
9085	Area P Str. 50		2081-3	1308-13	Level 4	135.06	134.65	134.81	134.59
9086	Area P Str. 50		2082-3	1300	Level 3	135.15	135.04	135.03	134.99
9087	Area P Str. 50		2077-80	1286-8	Level 3	135.36	135.34	135.3	135.19
9088	Area P Str. 50		2084-6	1296-9	Level 3	135.29	135.12	135.18	135.07
9089	Area P Str. 50		2077-8	1306-7	Level 3	134.92	134.74	134.81	134.64
9090	Area P Str. 50		2087-90	1296-9	Level 3	135.49	135.28	135.38	135.16
9091	Area P Str. 50		2081-2	1292-5	Level 3	135.34	135.17	135.31	135.12
9092	Area P Str. 50		2078	1302-4	Level 4	134.85	134.83	134.83	134.7
9093	Area P Str. 50		2079-81	1307-12	Level 4	134.83	134.16	134.72	134.14
9094	Area P Str. 50		2077-8	1306-7	Level 4	134.81	134.64	134.71	134.48
9095	Area P Str. 50		2080-1	1296-8.5	Level 3	135.23	135.1	135.17	135.03
9096	Area P Str. 50		2081-3	1306-11	Level 5	134.81	134.59	134.72	134.54

9097	Area P Str. 50		2091-4	1295	Level 6	135.44	135.35	135.39	135.21
9098	Area P Str. 50		2077-8	1307-11	Level 3	134.48	134.35	134.35	134.18
9099	Area P Str. 50		2079-80	1299-1300	Level 3	135.18	135.03	135.06	
9100	Area P Str. 50		2079	1302-4	Level 4	134.85	134.76	134.78	134.7
9101	Area P Str. 50		2077-80	1292-5	Level 3	135.26	135.02	135.12	134.9
9102	Area P Str. 50		2075-8	1301-5	Level 4	134.78	134.71	134.69	134.61
9103	Area P Str. 50		2093-4	1296-8	Level 5	135.45	135.31	135.44	135.27
9104	Area P Str. 50		2084-7	1306-9	Level 5	134.97	134.87	134.73	134.7
9105	Area P Str. 50		2089-90	1300-3	Level 4	135.26	135.17	135.13	135.14
9016	Area P Str. 50		2091-2	1296-1301	Level 4	135.41	135.27	135.32	135.17
9017	Area P Str. 50		2077	1304-7	Level 4	134.56	134.38	134.38	134.29
9108	Area P Str. 50		2078	1301-2	Level 5	134.77		134.61	
9109	Area P Str. 50		2084-7	1310-2	Level 5	134.84	134.67	134.72	134.57
9110	Area P Str. 50		2087-8	1300-3	Level 4	135.23	135.09	135.16	135.05
9111	Area P Str. 50		2077-80	1296-7	Level 3	135.14	134.99	135.05	134.93
9112	Area P Str. 50		2075-9	1298-1301	Level 4	134.92	134.86	134.81	134.71
9113	Area P Str. 50		2081-3	1306-11	Level 6	134.72	134.54	134.51	134.51
9114	Area P Str. 50		2085-6	1300-2	Level 4	135.14	135.07	135.07	135.02
9116	Area P Str. 50		2082-3	1300	Level 4	135.03	134.99	134.93	134.89
9117	Area P Str. 50		2079	1303-5	Level 5	134.76	134.53	134.64	134.46
9118	Area P Str. 50		2083	1292-5	Level 4	135.19	135.05	134.96	134.97
9119	Area P Str. 50		2093-5	1304-7	Level 3	135.28	135.18	135.18	135.06
9120	Area P Str. 50		2082-3	1296-9	Level 4	135.05	134.99	134.96	134.92
9121	Area P Str. 50		2088-90	1292	Level 3	135.6	135.55	135.58	135.49
9122	Area P Str. 50		2084-7	1306-9	Level 6	134.73	134.7	134.62	134.6
9123	Area P Str. 50		2084-6	1296-9	Level 4	135.18	135.07	135.07	134.95
9124	Area P Str. 50		2086-7	1292	Level 3	135.6	135.46	135.46	135.32
9125	Area P Str. 50		2092-4	1300-3	Level 3	135.53	135.6	135.59	135.41
9126	Area P Str. 50		2087-90	1296-9	Level 4	135.21	135.16	135.27	135.04
9127	Area P Str. 50		2094-5	1292-4	Level 4	135.47	135.4	135.39	135.31
9128	Area P Str. 50		2093	1301-3	Level 4	135.51	135.36	135.25	135.25
9131	Area P Str. 50		2084-7	1310-2	Level 6	134.67	134.57	134.61	134.49
9132	Area P Str. 50		2095-6	1300-3	Level 3	135.59	135.48	135.47	135.43
9133	Area P Str. 50		2091-2	1296-1301	Level 5	135.32	135.17	135.24	135.17
9134	Area P Str. 50		2093-4	1296-8	Level 6	135.44	135.27	135.28	135.27
9135	Area P Str. 50		2095-8	1299	Level 3	135.54	135.75	135.44	135.65
9136	Area P Str. 50		2089-91	1308-9	Level 3	135.14	134.97	134.99	134.85
9137	Area P Str. 50		2095-8	1299	Level 4	135.44	135.65	135.38	135.36
9138	Area P Str. 50		2094-5	1294-5	Level 5	135.88	135.81		
9139	Area P Str. 50		2088-91	1305-6	Level 3	135.3	135.15	135.02	134.98
9142	Area P Str. 50		2095-6	1300-3	Level 4	135.47	135.43	135.28	135.28
9143	Area P Str. 50		2095-6	1300-4	Level 5	135.29	135.28	135.25	135.24
9144	Area P Str. 50		2085-7	1304-5	Level 3	135.06	135.03	134.99	134.92
9146	Area P Str. 50		2079-80	1307-9	Level 4	134.71	134.42	134.4	134.32
9147	Area P Str. 50		2095-8	1299	Level 5	135.38	135.36	135.28	135.26
9148	Area P Str. 50		2079-80	1310-1	Level 4	134.43	134.23	134.21	
9151	Area P Str. 50		2081-6	1313	Level 3	134.75	134.55	134.72	134.52
9152	Area P Str. 50		2093-4	1300-4	Level 5	135.61	135.55	135.28	135.2
9153	Area P Str. 50		2081-2	1292-5	Level 4	135.31	135.12	135.07	134.98
9154	Area P Str. 50		2087-90, 2089-90	1288-89, 1290-1	Level 4	135.92	135.64		135.53
9155	Area P Str. 50		2093-4	1300-4	Level 6	135.28	135.2	135.17	135.13
9156	Area P Str. 50		2090-2	1302-3	Level 3	135.3	135.26	135.23	
9157	Area P Str. 50		2081-3	1306-11	Level 6	134.51	134.51		134.47
9158	Area P Str. 50		2080-1	1296-8-5	Level 4	135.17	135.03	135.03	134.98
9159	Area P Str. 50		2084-7	1310-2	Level 7	134.61	134.49		
9163	Area P Str. 50		2084-7	1306-9	Level 7	134.62	134.6	134.62	134.54
9165	Area P Str. 50								
9166	Area P Str. 50								
9171	Area P Str. 50								
9172	Area P Str. 50								

9115	Area P Str. 50	226	2091-3	1293	IL-1	135.88	135.69	135.45	135.35
9130	Area P Str. 50	226	2091-93.40	1293-4.80	IL-2	135.45	135.35	135.19	135.07
9129	Area P Str. 50	227	2085-6	1312-13.4	IL-1	134.65	134.6	134.51	134.5
9140	Area P Str. 50	228	2086-8	1292	IL-1	135.48	135.32	135.28	134.46
9141	Area P Str. 50	229	2096-8	1294-7	IL-1	135.7	135.39	135.42	135.3
9145	Area P Str. 50	229	2096-8	1294-7	IL-2	135.34	135.3		135.18
9149	Area P Str. 50	230a	2082	1294-5	IL-1	135.21	135.18	135.08	135.06
9150	Area P Str. 50	230b	2082	1292	IL-1	135.31	135.3	135.16	135.15
9160	Area P Str. 50	231	2087	1290	IL-1	135.6	135.59	135.43	135.37
9161	Area P Str. 50	231	2087	1290	IL-2 (arb 1)	135.43	135.37	135.14	135.12
9167	Area P Str. 50	231	2087	1290	IL-2 (arb 2)	135.14	135.12	134.98	134.93
9162	Area P Str. 50	232	2084-5	1307	IL-1	134.66	134.63	134.64	134.51
9168	Area P Str. 50	233	2076-7	1300	IL-1	134.76	134.67	134.7	134.63
9169	Area P Str. 50	233	2076-7	1300	IL-2	134.7	134.63	134.21	134.2
9170	Area P Str. 50	233	2076-7	1300	IL-3	134.21	134.2	134.16	134.07
9164	Area P Str. 50	B.31	2081	1304	IL-1	135.14	135.13	134.78	134.73

Table F.2 - El Palenque Artifact Inventory

Prov.	Sherds	Chipped Stone	Ground stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
7038	1	1							
7039	1	1							1
7040	1	1	1						1
7041	1	1				1	1		
7042	1								
7043	1	1							1
7044	1	1					1		
7045	1								
7046	1	1							
7047	2								
7048	1	1							
7049	1								
7050	1	2					1		1
7051	1								
7052	1	2							
7053	1								
7054	1								
7055	1								
7056	1	1							
7057	1	1							
7058	1								
7059	1	2							
7060	1								
7061	1	1			1				
7062	1	2	1						
7063	1								
7064	1								
7065	1				1			1	
7066	1	1							
7067	2	1							
7071	1								
7072	1	1					1		1
7074	1								
7075	1								
7076	1								
7077	1								
7078	1								
7081	1	1							
7084	1								
7086	1								

Prov.	Sherds	Chipped Stone	Ground stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
7087	1								
7088	1								
7089	1	1			1		1		
7092	2				6				
7094	2	1			2		1	1	
7101	1	1							
7103	1							1	
7104	1								
7105	2								
7107	1								
7108	1							1	
7110	1	1							
7112	1								
7114	1	1					1		
7116	1							1	
7118	1	1							
7117	1	1						1	
7119	1								
7210	1								
7122	1								
7124	1	1							
7125	1								
7132									
7133	1								
7134	1				6				
7135	1						1		
7139			1						
7142		1							
7143									
7144	1								
7145	1								
7146	1		1						
7069									
7070	10	2	1				21	1	
7082							16	1	
7085									
7079	1								
7090	4	1					9		
7095	1								
7115	4	1					8	1	
7102	1								
7111	3						1		
7113	1	1	1				2	1	
7123	11						1		
7129							39		
7138									
7126									
7127	3				1		6		
7073	2	1					1		1
7091	4	1			1		1	1	
7093	3	1					1		
7097	2						1		
7098	4	1	1				1		
7100	2	1					1		1
7068	3	1					1		
7096	2	1	4						
7099	6	3	2				4	1	1
7121	1								
7137									
7140	1						1?		
7141									
7128	1						1	1	
7130	1		1						
7131	1						1		
7136	1					1	1	1	

Prov.	Sherds	Chipped Stone	Ground stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
7080	1						1		
7083	1						1		
7106	1								
7109	1		1				2	1	
9000	1	1							
9001	1	4	1						
9002	1	4				1			1
9003	1	3							
9004	1	4				1			1
9005	1	3	1	1					
9006	1	3							
9007	1	5							
9008	1	3	1						
9009	1	2	1			1			
9010	1	3	1						
9011	1	3	1						
9012	1	4	1						
9013	1	4							
9014	1	5							
9015	1	5							
9016	1	3				1			
9017	1	4							1
9018									
9019	1	2							
9020	1	4							
9021	1	2							
9022	1	5				1			
9023	1	4							
9024	1	4							
9025	1	2	1						
9026	1	1							
9027	1	5							
9028	1	1							
9029	2	3	1		1				
9030	1	1							
9031									
9032	1	1							
9033	1	2							
9034	1						1		
9035	1	4							
9036	1	1							
9037	1	4	1						
9038	1	1							1
9039	1	3	1						
9040									
9041	2	4							
9042	1	1							
9043	1	1	1		1				1
9044	1								
10000a	1	1			1				
10000b	1	1			1				
10000c	1	1			1				1
10000d	1	1			1				
10000e	1	1							
10000f	1	1							
10000g	1	1	1						
10000h	1	1			1				
10000i	1								
10000j	1								
10000k	1								
10000l	1	1							
9045	1	1			1			1	
9046	2								1
9047	1								
9048	1			1?					

Prov.	Sherds	Chipped Stone	Ground stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
9049	1								
9050	2								
9051	1								
9052	1		1						
9053	1	1							
9054	1	1			1				
9055	1								
9056	3		1		1				
9057	1				1				
9058	1								
9059	2		1		1		1		
9060	1		1						
9061	1								
9062	1								
9063	1								
9064	2		1		1				
9065	1								
9066	1	1							1
9067	1								
9068	1		1						
9069	1								
9070	1				1			1	
9071	1		1		2				
9072	2				1				
9073	1								
9074	1								
9075	1		1		1				
9076	1	1							
9077	1				1				
9078	2	1	1	1			1		
9079	1				1				
9080	1	1			1		1		
9081	1								
9082	1								
9083	2								
9084	1								
9085	1	1							
9086	2								
9087	4				1			1	
9088	2	1					1		
9089	1	1							
9090	1								
9091	2	1	1						
9092	1	1			1		1		1
9093	1	1							
9094	1	1			1				
9095	1								
9096	1	1						1	
9097	1				1		1	1	
9098	1								
9099	1		1						
9100	1								
9101	1								1
9102	1	1			1		1		1
9103	1							1	
9104	1	1	1		1	1		1	
9105	1				1				
9016	1								
9017	1				1			1	
9108	1	1							
9109	1	1			1				
9110	1								
9111	1							1	
9112	1							1	
9113	1		1		1				

Prov.	Sherds	Chipped Stone	Ground stone	Polished Stone	Daub	Shell	Bone	Carbon	Figurines
9114	1						1		
9116	1						1	1	
9117	1				1			1	
9118	1				1			1	
9119	1								
9120	2							1	
9121	1				1				
9122	2	2	1		1				
9123	2	1						1	
9124	3								
9125									
9126	1							1	
9127	1								
9128	1	1						1	
9131	2	1	1		1			1	1
9132	1								
9133	1								
9134	1						1		
9135	1								
9136	1	1							
9137	1				1				
9138	2		1					1	
9139	1								1
9142	1								
9143	1								
9144	1								
9146	1								
9147	1							2	
9148	1								
9151	1	1							
9152									
9153	2				1	1?	1	1	
9154	1			1					
9155		1							
9156	1		1		1				
9157	1	1	1					1	
9158	1								
9159	2	1	1						
9163	2	1			1		1	1	
9165	1		1						
9166	2								
9171	2	1	5						
9172	1								
9115	4								
9130	12		1		1	1		1	
9129	1								
9140	6	1	1		1				
9141	1							1	
9145	1								
9149	4		1				1		
9150	1		1						
9160	1								
9161									
9167									
9162	1								
9168	1		1		1				
9169	1				1				
9170	1								
9164	1								1

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