

# **Instrumental Neutron Activation Analysis of Olmec Pottery**

Report Prepared by

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## **Introduction**

Over the past seven years, instrumental neutron activation analysis (INAA) has been undertaken on ceramics from the Gulf Coast Olmec centers of San Lorenzo and La Venta as well as other Early Formative sites with “Olmec” affiliations in Mesoamerica. The analyses were undertaken at the MU Research Reactor Center (MURR), University of Missouri, Columbia. This report describes sample preparation and analytical procedures, and provides an interim assessment of the chemical structure within the resulting compositional data set.

## **Background**

The Olmec ceramic INAA project subsumes a series of thesis projects undertaken during the past decade. The first of these was a Masters thesis project by R. S. Herrera at the University of Missouri, Columbia. Herrera obtained a US Fulbright Scholar Program Fellowship for study in Mexico and spent 1995 working with Ann Cyphers, director of INAH excavations at San Lorenzo Tenochtitlan. During this time, Herrera sampled pottery from the Gulf Coast center of San Lorenzo and from the Oaxaca sites of San Jose Mogote, Huitzo, Abasalo, Tierras Largas, and Etlatongo. He also sampled raw clays in the vicinity of San Lorenzo. Herrera completed the analysis of the Oaxaca portion of this sample as an MA project in 1996, and a modified version of this study was subsequently published (Herrera et al. 1999). Herrera and his colleagues concluded that Early Formative gray ware pottery from Oaxaca was made in multiple locations, but they did not specifically identify San Lorenzo as a source. Xochiltepec White pottery appeared to come from a single location, but, again, San Lorenzo was not identified as a likely source.

Around the time Herrera was studying in Mexico, Jeffrey Blomster, a Ph.D. student at Yale, was working on the analysis of material he had excavated at the site of Etlatongo, in the Mixteca Alta region of Oaxaca. In 1996, Blomster submitted 53 ceramic samples from Etlatongo, San Jose Mogote, Tierras Largas, Hacienda Blanca, and San Lorenzo for INAA at MURR. Like the Herrera et al. (1999) study, Blomster's study (Blomster 1998; Neff et al. 1997) demonstrated compositional heterogeneity indicative of multiple sources. In this case, however, inclusion of a kaolin clay sample from the Gulf Coast in one of the white ware groups and inclusion of multiple San Lorenzo samples in one of the gray ware groups provided persuasive evidence favoring a Gulf Coast source for much of the “Olmec” pottery from Etlatongo and other sites in Oaxaca. Blomster (1998: 662-695) provides a detailed discussion of the Oaxaca-Gulf Coast connections and what the INAA results imply for Flannery and Marcus's (1994:259-263) claim that Oaxaca Valley gray ware potters exported pottery to the Gulf Coast.

Another thesis project involving ceramics from the Gulf Coast Olmec area is that of Brett Methner, a MA student at the University of Kansas. Methner obtained funding from the Foundation for the Advancement of Mesoamerican Studies, Inc. (FAMSI) to analyze ceramics and clays from La Venta. A somewhat surprising finding of the study (Methner 2000) is that

ceramics and clays from La Venta are very distinct from those from San Lorenzo, which is located only 90 or so km to the southwest.

After completing his MA thesis in 1996, R. S. Herrera planned to expand his Olmec pottery study as a Ph.D. dissertation project. Toward this end, he and his advisors, Hector Neff and Michael J. O'Brien, obtained a NSF dissertation improvement grant in 1998 that funded additional INAA. Because San Lorenzo had already been well sampled (though not reported), additional sampling focused on Olmec Horizon pottery from sites elsewhere in Mesoamerica. At the New World Archaeological Foundation, Herrera collaborated with John Clark in selecting ceramic samples from Early Formative sites in the Mazatan zone of Pacific coastal Chiapas (e.g., Clark 1997) and from San Isidro, a site in the western Central Depression of Chiapas (Lee 1974). In Oaxaca, Herrera and Marcus Winter selected samples from Laguna Zope, at the southern end of the Isthmus or Tehuantepec. Tlapacoya, an Early Formative site in the Basin of Mexico, was also sampled as part of this dissertation project.

Several raw material sampling programs have generated data that are useful for identifying sources of Olmec pottery. As mentioned already, Herrera collected a series of raw clay samples in the vicinity of San Lorenzo while working with Ann Cyphers in 1995, and Methner collected raw materials from around La Venta in 1998. Neff and Herrera collected clays from the Mazatan zone of coastal Chiapas in 1999 (Neff 2002); although the main goal of this project was to identify sources of Plumbate pottery, the sampled area extended north to the immediate surroundings of San Carlos, Aquiles Serdan, and other Early Formative sites from which Olmec pottery samples were selected. Also in 1999, Herrera collected a few raw material samples from sites locations in the Oaxaca Valley; the Oaxaca Valley ceramic environment is also represented in MURR's databank by ethnographic pottery samples from the pottery-making towns of San Bartolo Coyotepec, Ocotlan, Atzompa, and San Marcos by J. Michael Elam and Mary Thieme. Finally, Neff, Thomas Charlton, Cynthia Otis Charlton, Deborah Nichols, Mary Hodge, and others have sampled raw materials from the Basin of Mexico in order to provide a basis for inferring production locations of Aztec Black-on-Orange and other Late Horizon pottery from the Basin of Mexico (Neff et al. 2000; Nichols et al. 2002).

Although Herrera's Ph.D. dissertation is still in progress technically, successful completion now seems unlikely. Yet, the hard data that this project provides regarding the directions and volume of material movement between Olmec centers are certain to be of interest to Mesoamericanists. Moreover, because US tax dollars supported the project through the National Science Foundation and the US Fulbright Scholar Program, there is an obligation to make the data publicly available in a timely manner. This interim report is not meant to preclude completion of Herrera's dissertation. Rather, it is an effort to fulfill reporting obligations and to disseminate results that appear to have important and surprising implications about Gulf Coast Olmec interaction with other Mesoamerican regions during the late Early Formative Period.

## **Sample Preparation**

The ceramics were prepared for INAA using standard MURR procedures. Pieces of each sherd were burred with a silicon carbide burr to remove painted or slipped surfaces and adhering soil. The burred sherd samples and the trachyte samples were then washed with deionized water and allowed to dry in air. These were then crushed in an agate mortar to yield a fine powder. Part of each specimen was retained, unpowdered, for the MURR archive of analyzed ceramic fabrics.

The powder samples were oven-dried at 100 degrees C for 24 hours. Portions of approximately 150 mg were weighed and placed in small polyvials used for short irradiations. At the same time, 200 mg of each sample were weighed into high-purity quartz vials used for long irradiations. Along with the unknown samples, reference standards of SRM-1633a (coal fly ash) and SRM-688 (basalt rock) were similarly prepared, as were quality control samples (i.e., standards treated as unknowns) of SRM-278 (obsidian rock) and Ohio Red Clay.

### **Irradiation and Gamma-Ray Spectroscopy**

Neutron activation analysis of ceramics at MURR, which consists of two irradiations and a total of three gamma counts, constitutes a superset of the procedures used at most other laboratories (Glascock 1992; Neff 2000). A short irradiation is carried out through the pneumatic tube irradiation system. Samples in the polyvials are sequentially irradiated, two at a time, for five seconds at a neutron flux of  $8 \times 10^{13}$  n/cm<sup>2</sup>/s. The 720-second count yields gamma spectra containing peaks for the short-lived elements aluminum (Al), barium (Ba), calcium (Ca), dysprosium (Dy), potassium (K), manganese (Mn), sodium (Na), titanium (Ti), and vanadium (V). The samples encapsulated in quartz vials are subjected to a 24-hour irradiation at a neutron flux of  $5 \times 10^{13}$  n/cm<sup>2</sup>/s. This long irradiation is analogous to the single irradiation utilized at most other laboratories. After the long irradiation, samples decay for seven days, then are counted for 2,000 seconds (the "middle count") on a high-resolution germanium detector coupled to an automatic sample changer. The middle count yields determinations of seven medium halflife elements, namely arsenic (As), lanthanum (La), lutetium (Lu), neodymium (Nd), samarium (Sm), uranium (U), and ytterbium (Yb). After an additional three- or four-week decay, a final count of 9,000 seconds is carried out on each sample. The latter measurement yields the following 17 long halflife elements: cerium (Ce), cobalt (Co), chromium (Cr), cesium (Cs), europium (Eu), iron (Fe), hafnium (Hf), nickel (Ni), rubidium (Rb), antimony (Sb), scandium (Sc), strontium (Sr), tantalum (Ta), terbium (Tb), thorium (Th), zinc (Zn), and zirconium (Zr).

Elemental concentration data from the two irradiations and three counts (a total of 33 elements) are assembled into a single tabulation and stored in a dBASE III file along with descriptive information available for each sample. The diskette included with this report contains the complete database in two formats, Excel and dBASE/Foxpro.

### **Quantitative Analysis of the Chemical Data**

The analyses at MURR described previously produced elemental concentration values for 32 or 33 elements in most of the analyzed samples. (Some elements, especially nickel, were below detection in some samples.) Quantitative analysis was subsequently carried out on base 10 logarithms of concentrations for these data. Use of log concentrations instead of raw data compensates for differences in magnitude between major elements, such as iron, on one hand and trace elements, such as the rare earth or lanthanide elements (REEs), on the other hand. Transformation to base 10 logarithms also yields a more nearly normal distribution for many trace elements.

The goal of quantitative analysis of the chemical data is to recognize compositionally homogeneous groups within the analytical database. Based on the “provenance postulate” (Weigand, Harbottle, and Sayre 1977), such groups are assumed to represent geographically restricted sources or source zones. The location of sources or source zones may be inferred by comparing the unknown groups to knowns (source raw materials) or by indirect means. Such indirect means include the “criterion of abundance” (Bishop, Rands, and Holley 1982) or arguments based on geological and sedimentological characteristics (e.g., Steponaitis, Blackman, and Neff 1996). Both indirect and direct means are used in the present study.

Initial hypotheses about source-related groups in the compositional data can be derived from non-compositional information (e.g., archaeological context, decorative attributes, etc.) or from application of pattern-recognition techniques to the chemical data. In the present case, because of the large distances between the sampled regions, a plausible starting point is to assume that the samples from each region should be compositionally distinct. Obvious raw material differences, especially the contrast between white and gray pastes, provide additional grounds for hypothesizing which samples should group together. Evaluation of how well these initial groups are discriminated from one another then provides a basis for reallocating individual specimens and defining additional groups.

Whether a group is discriminated easily from other groups can be evaluated visually in two dimensions or statistically in multiple dimensions. A metric known as Mahalanobis distance (or generalized distance) makes it possible to describe the separation between groups or between individual points and groups on multiple dimensions. The Mahalanobis distance of a specimen from a group centroid (Bieber et al. 1976; Bishop and Neff 1989; Neff 2002a; Harbottle 1976; Sayre 1975) is:

$$D_{y,X}^2 = [y - \bar{X}]' I_X [y - \bar{X}] \quad (1)$$

where  $y$  is 1 x  $m$  array of logged elemental concentrations for the individual point of interest,  $X$  is the  $n$  x  $m$  data matrix of logged concentrations for the group to which the point is being compared with  $\bar{X}$  being its 1 x  $m$  centroid, and  $I_X$  is the inverse of the  $m$  x  $m$  variance-covariance

matrix of group  $X$ . Because Mahalanobis distance takes into account variances and covariances in the multivariate group it is analogous to expressing distance from a univariate mean in standard deviation units. Like standard deviation units, Mahalanobis distances can be converted into probabilities of group membership for each individual specimen (e.g., Bieber et al. 1976; Bishop and Neff 1989; Harbottle 1976; Neff 2002a). For relatively small sample sizes, it is appropriate to base probabilities on Hotelling's  $T^2$ , which is a multivariate extension of the univariate Student's  $t$ .

The Hotelling's  $T^2$  probabilities presented in tables discussed in the next section can be read like p-values. Thus, a specimen showing 5% probability of membership in a group is farther from the group centroid than about 94 out of 100 true group members, but at least four out of 100 *true* group members would actually be farther from the centroid. If 1% were the chosen cutoff (as is typical in most ceramic provenance studies), then the specimen would be included in the group. When well-discriminated groups are compared to one another, the probabilities for the group to which specimens are assigned should range from 1% to 100%, while the probabilities for all other groups should hover far below 1%. Probabilities will, however, be inflated for small groups.

With small groups, Mahalanobis distance-based probabilities of group membership may fluctuate dramatically depending on whether or not each specimen is assumed to be a member of the group to which it is being compared. Harbottle (1976) calls this phenomenon "stretchability" in reference to the tendency of an included specimen to stretch the group in the direction of its own location in the elemental concentration space. This problem can be circumvented by cross-validation (or "jackknifing"), that is, by removing each specimen from its presumed group before calculating its own probability of membership (Baxter 1994; Leese and Main 1994). This is a conservative approach to group evaluation that may sometimes exclude true group members but minimizes the chances of erroneous attribution (Neff [2002a: Table 2.1] compares jackknifed probabilities with non-jackknifed probabilities for a moderate-sized group). Such a conservative approach is preferable in the present case (despite the large size of some of the groups) because it minimizes chances that "Olmec-like" sherds found outside the Gulf Coast will be erroneously identified as imports when in fact they were locally made. In effect, since cross-validated probabilities are used, the results presented below represent a conservative picture of the volume of ceramics that were moved between regions during the Olmec Horizon.

## Results

Compositional affiliations of all pottery samples included in the various phases of the Olmec study are listed in Table 1. Tables 2 through 7 Show Mahalanobis-distance based probabilities of membership in the larger groups, and Figures 1 through 9 and 12 are bivariate projections of the data that depict the group discriminations discussed below. Figures 10 and 11 provide support for inferences of provenance of two of the chemical groups.

### *Structure in the Chemical Data.*

The sites represented in the Olmec database are located in a number of geologically distinct zones, from the Basin of Mexico in the north to the Pacific Coast of southern Chiapas, some 800 km to the southeast. These attributes of the database make it highly likely that the provenance postulate will apply. That is, one can expect that pottery made in one circumscribed zone within this huge area would be chemically homogeneous and distinct from pottery made in other zones.

Figure 1 shows that the above expectation is met extremely well in the Olmec data. Chromium alone effects an unambiguous discrimination between most Mazatan pottery, which has less than about 25 ppm chromium, and pottery from regions to the north, which have more than about 50 ppm chromium. The low-chromium Mazatan profile is also characteristic of other pottery from Pacific coastal and highland Guatemala and El Salvador. Chromium further discriminates the Gulf Coast, Oaxaca, and Tehuantepec, which tend to have less than about 100 ppm chromium, from the Chiapas Central Depression (San Isidro) and La Venta (which receives sediment from rivers draining the Central Depression), which have 100 to 250+ ppm chromium. The southern Basin of Mexico, represented here by the Tlapacoya Group, also shows a highly enriched chromium profile. Figure 2 shows that the Tehuantepec Group, which is completely enveloped by the San Lorenzo Group in Figure 1, is perfectly discriminated from it by tantalum and cesium. When all 32 elements retained for the analysis are considered, the discrimination of the seven reference groups from one another is unambiguous (Table 2).

Three distinct compositions are evident among the white-firing pottery in the Olmec database. While the Tehuantepec White Group shows a low-chromium composition similar to the Mazatan Group, the San Lorenzo White and White-2 groups show chromium levels in the 50 – 100 ppm range, consistent with Gulf Coast and Oaxaca compositions (Figure 3). Although the two latter white-firing pottery groups are very similar to the San Lorenzo groups, some projections of the data show them to be distinct (e.g., Figure 4); not surprisingly, the white-firing groups have less than about 2% iron, while the brown-, red-, and gray-firing pottery from San Lorenzo has an average of about 3.5% iron. Although the White-2 Group appears to overlap the San Lorenzo Group in Figure 2, the San Lorenzo White Group is in fact closest to San Lorenzo in multivariate space, as indicated by the five San Lorenzo White specimens that exceed a 1% probability of membership in the San Lorenzo Group. Additional evidence for a common San Lorenzo provenance for the San Lorenzo and San Lorenzo White groups is discussed below.

Besides the seven main reference groups and the three white ware groups, there are number of smaller, non-white compositional groups. As shown in Figure 5, the basic dichotomy of low- vs high-chromium concentrations applies to these smaller compositional units. On the one hand, a number of unassigned specimens from Mazatan and one small group designated “Anomalous Mazatan” show the low-chromium concentrations associated with southern Chiapas. On the other hand, a number of unassigned specimens from Mazatan as well as small

groups identified in the Tehuantepec and Etlatongo samples show the higher chromium concentrations characteristic of the Gulf Coast, Oaxaca, and Tehuantepec (compare to Figure 1). The “Anomalous Mazatan” group is anomalous because of high concentrations of transition metals other than chromium (Figure 6). Despite this, some Anomalous Mazatan specimens actually exceed a 1% probability cutoff for membership in the Mazatan group based on Mahalanobis distances (Table 4); similarly, some of the unassigned Mazatan specimens fall just outside the 1% cutoff. The apparent overlap of Etlatongo-2 and Tehuantepec-1 with San Lorenzo shown in Figure 5 disappears on a plot of tantalum and rubidium (Figure 7), and none of the members of the smaller groups exceed the 1% cutoff for membership in the San Lorenzo Group (Table 4). A small group anomalous La Venta specimens can be discriminated from the La Venta and San Isidro groups, to which it is generally comparable, on a thorium-calcium plot.

For various reasons, a number of specimens were left unassigned. Those from Mazatan that can be placed in provisional local vs. imported categories have already been discussed. The other unassigned specimens are listed in Table 5. Most of these are specimens that fall outside the 1% p-value cutoff for membership in any of the reference groups and that do not cluster consistently with any of the smaller groups on key projections of the data. Some show greater than 1% probability of membership in more than one group, and were therefore left unassigned; most ambiguities of this type are apparent dual affinities with San Lorenzo and San Lorenzo White. In the case of the San Isidro Group, several probabilities only slightly exceeding the 1% level were discounted because the small size of this group (41) inflates probabilities of membership in it. For the same reason, subjective criteria were used to exclude a number of specimens from the San Lorenzo White Group (n = 47). Specifically, a number of specimens that would appear to fit the San Lorenzo White profile based on Table 5 were left unassigned because (a) they fall outside the group on key projections of the data (e.g., Figure 4) and/or (b) they are typologically inconsistent with the rest of the group membership. Thus, for instance, LAV092, a coarse brown specimen from La Venta, was not assigned to the group despite showing almost 28% probability of membership in it. As another example, BLM009 would appear to be unambiguously assigned to San Lorenzo White chemically, but it is described as “Fine Brownware, possibly La Mina White” (Table 1), and an earlier analysis of the data (Neff et al. 1997) assigned it to the White-2 group rather than the San Lorenzo White Group. The effect of excluding apparent group members from a group is that the excluded specimens play no role in defining the centroid and variance-covariance structure of the group; probabilities in excess of 1% in Table 5 can still be used as a guide to likely sources for the unassigned specimens.

### *Sources of the Compositional Groups*

The names assigned to the compositional groups in the above discussion imply a set of hypotheses about where the various groups originated. These hypotheses can be tested by various means, both direct and indirect, as discussed previously. The following paragraphs outline the basis for the source assignments.



Direct assessment of provenance involves comparison of sampled raw materials to the chemical profiles of the compositional groups. More specifically, the question addressed is: *does a given raw material compositional signature fall within the range of compositional variation of a reference group for which a provenance assignment is being sought?* If a cluster of samples from a particular zone fall within the range of variation of the group (as indicated by Mahalanobis distance calculations) and other zones are clearly excluded, then an inference of provenance is sustained.

The fundamental dichotomy in pottery compositions between northern (high-chromium) and southern (low-chromium) regions also separates Mazatan area raw clays from Gulf Coast and Basin of Mexico raw clays (Figure 9). The range of variation in the clays is, of course, much greater than that in the ceramic groups because clay sampling was explicitly designed to represent the range of potentially usable clays in the various regions. Nonetheless, Figure 9 provides an initial indication that the ceramic environments sampled in Mazatan, around San Lorenzo, and in the Basin of Mexico are at least in part coterminous with the ceramic environments sampled by the ancient potters of these regions.

Table 6 shows Mahalanobis distance-based probabilities of membership in eight ceramic compositional groups calculated for individual clay samples from five Mesoamerican regions. The patterning in this table is extremely clear: for instance, many clays from the San Lorenzo region show >1% probability of membership in the San Lorenzo and San Lorenzo White groups, while almost no clays from other regions exceed the 1% probability threshold (the one La Venta clay and one Basin clay that just exceed the 1% threshold [but not the 2% threshold] for the San Lorenzo White group are statistical anomalies that can be explained by the small size of the reference group). The main exception to the clear patterning is that a number of La Venta clays show >1% probability of membership in the San Isidro Group; this is hardly surprising, however, considering (a) the small size of the San Isidro Group and (b) the fact that the Tabasco coast receives sediments from the Rio Tonala and Rio Grijalva, which drain the western Central Depression of Chiapas around San Isidro. The clusters of high probability values in Table 6 permit the following inferences of provenance for the reference groups: (1) the San Lorenzo and San Lorenzo White groups contain ceramics made from clays procured in the vicinity of San Lorenzo, along the Rio Coatzacoalcos; (2) the Mazatan Group contains ceramics made from clays procured in Pacific coastal Chiapas within about 50 km of the Guatemalan border; (3) the La Venta Group includes ceramics made from clays procured along the Tabasco coast in the vicinity of La Venta; and (4) the Tlapacoya Group includes ceramics made from clays procured within the Basin of Mexico.

Consideration of *where* within each production region the high-probability clays are found provides a basis for more specific assignments of provenance (e.g., Neff 2001). In effect, the Mahalanobis distance-based probabilities of group membership define a “probability surface,” on which peaks and plateaus are most likely to contain source clays for a given reference group. Figure 10 shows the probability surface for the Mazatan Group, and identifies

the zone immediately surrounding San Carlos, Aquiles Serdan, Altamira, and Paso de la Amada as the zone most likely to have been exploited by Early Formative potters from these sites. Figure 11 shows the probability surface for the Tlapacoya Group, and identifies the southern Basin of Mexico (around Lake Chalco) as the zone most likely to have been exploited by Early Formative Tlapacoya potters (the large plateau south of Lake Chalco arises from the scarcity of raw material samples in the region lying south of the southern Basin). Similar probability surfaces could be constructed for the San Lorenzo and La Venta groups using the extensive raw material samples from those regions.

Despite the clear results shown in Table 6, one complication relating to the interpretation of the San Lorenzo Group needs to be acknowledged. There is a troublesome similarity between certain gray ware pottery from the Valley of Oaxaca and pottery in the San Lorenzo reference group defined in this study. The Oaxaca samples in question include modern gray pottery from the town of San Bartolo Coyotepec together with Late Formative and Classic gray specimens most of which are G-12 (Gris) bowls from Monte Alban. Mary Thieme sampled Coyotepec pottery for an ethnographic project, and J. Michael Elam sampled both modern Coyotepec and ancient Gris ware pottery (Elam et al. 2000). Before completing analysis of the ancient Gris ware pottery, it seemed possible that Coyotepec gray pottery from Oaxaca might not, in fact, be chemically distinguishable from San Lorenzo pottery and raw materials. Calcium concentrations tend to be higher in modern Coyotepec specimens (and Oaxaca Gris-1), but many San Lorenzo Group members approach the calcium levels of the Oaxaca gray wares, and San Lorenzo area clays show even higher calcium concentrations in some cases (Figure 12). Figure 12 is about the best two-dimensional discrimination that can be found between the Oaxaca Gris-1 and San Lorenzo groups.

Fortunately, discrimination of Oaxaca gray ware and San Lorenzo pottery improves with a multivariate perspective on the data. Table 7 shows two comparisons that support this assertion. First, although four of 22 Coyotepec specimens show between 1 and 4% probability of membership in the San Lorenzo Group, overall the Coyotepec samples are much better matched to the Oaxaca Gris-1 Group (this observation is the primary basis for the inference that G-12 bowls in the Gris-1 group were produced in the Valle Grande region of the Oaxaca Valley [Elam et al. 2000]). The second part of Table 7 shows probabilities that members of the San Lorenzo Group found in the Valley of Oaxaca or Mixteca Alta are members of (a) the San Lorenzo Group and (b) the Oaxaca Gris-1 Group; this comparison overwhelmingly supports a San Lorenzo rather than a Oaxaca source. In sum, then, while the similarity of Coyotepec area clays to San Lorenzo clays is remarkable considering the geographical separation of several hundred km between them, there is virtually no chance that the Early Formative Olmec-related pottery found in Oaxaca and the Mixteca Alta but assigned to the San Lorenzo group actually originated in the Valley of Oaxaca rather than San Lorenzo.

Direct evidence of provenance does not exist yet for the Oaxaca-1 Group, the San Isidro Group, the Tehuantepec Group, and the other, smaller groups recognized in this study. A variety

of indirect evidence does provide some grounds for informed speculation, however.

Neither the raw materials sampled by Herrera in the Oaxaca Valley (Table 6) nor any of the ethnographic samples from Oaxaca are convincing matches for the Oaxaca-1 Group. However, four specimens in the Gris-1 Group discussed above (Elam et al. 2000) slightly exceed the 1% level for membership in it. Because Gris-1 is tied to the Oaxaca Valley via its similarity to modern Coyotepec pottery, the similarity of individual Gris-1 members to the Oaxaca-1 Group would seem to support a Valley of Oaxaca provenance.

The Tehuantepec, Tehuantepec-1, and Tehuantepec White groups occur only in the Laguna Zope sample. No raw clay yet sampled falls within the range of variation of the Tehuantepec Group (Table 6). Multivariate comparison of the clays to the smaller groups is impossible because of the small group sizes. However, the fact that the Tehuantepec-1 Group plots close to the San Lorenzo Group on many projections of the data (e.g., Figure 7) may suggest a derivation from the Isthmus of Tehuantepec somewhere north of Laguna Zope. The Tehuantepec White group, meanwhile, shows the very low chromium concentrations characteristic of clays and pottery from the Pacific coast of southern Chiapas, a composition that contrasts strongly with that of white-firing pottery from the vicinity of San Lorenzo (Figure 3); the low-chromium composition combined with its exclusive occurrence at Laguna Zope may suggest that this group may have originated somewhere along the Pacific coast between the Isthmus of Tehuantepec and Mazatan.

The San Isidro Group, as discussed above, shows some similarity to clays from the vicinity of La Venta (Table 6), but this probably arises from the fact that La Venta area clays are ultimately derived in large part from weathering of rocks in the Chiapas Central Depression. Since the San Isidro Group is only defined in pottery from San Isidro, the presumption must be that it contains locally made pottery. The Anomalous La Venta Group shares very high chromium concentrations and many other compositional characteristics with La Venta and San Isidro (cf. Figure 8), and thus probably originates somewhere in the Chiapas Central Depression or on the Gulf Coast of Tabasco.

Etlatongo-1 and Etlatongo-2 are both restricted to the site of Etlatongo. Although the groups are small, together they represent 40% of the total sample from Etlatongo, and, since the sample was biased toward pottery with “Olmec” characteristics, it is quite plausible that these group represent variants of the local Etlatongo area composition. Further, as noted elsewhere (Blomster 1998; Neff et al. 1997), the high-calcium composition of ceramics in these groups is consistent with the high-calcium carbonate in the Yanhuitlan beds that surround Etlatongo.

Although White-2 is confined to Oaxaca Valley sites, it is chemically similar enough to the San Lorenzo White Group that three out of eight specimens assigned to the group exceed 1% probability of membership in San Lorenzo White. This observation together with the fact that the group is made up exclusively of Xochiltepec White, which now appears to be largely a San Lorenzo type, might indicate that White-2 is derived from slightly anomalous white-firing clays

procured in the vicinity of San Lorenzo.

The Anomalous Mazatan Group as well as the unassigned low-chromium specimens from Mazatan are almost certainly from the Pacific coast of Chiapas or somewhere further south considering that very low chromium compositions are unknown from points further north in Mesoamerica (e.g., Figure 1, 3, 5, and 9). In fact, the Anomalous Mazatan composition is almost certainly local to the Mazatan area considering that a few specimens in this group exceed the 1% level for membership in the Mazatan Group itself (Table 4). The fact that this group includes only specimens from Altamira, the closest sampled site to the coast, may indicate that the Anomalous Mazatan composition is characteristic of clays derived from the lower coastal zone. In-progress analysis of additional samples of Early Formative pottery from both Mazatan and the Acapetahua Estuary zone of coastal Chiapas may help clarify the provenance of this group as well as the unassigned-but-presumed-local Mazatan specimens.

Specific non-local provenances for the Mazatan unassigned imports are difficult to identify since they cannot yet be assigned to non-Mazatan compositional groups. A few specimens almost reach the 1% probability level for membership in the Oaxaca-1 Group, while others are marginal to the San Isidro Group. It should be borne in mind, however, that the latter groups are rather small, so probabilities are somewhat inflated. Further sampling of both pottery and raw materials from the Chiapas Central Depression and the coast of Chiapas, Oaxaca, and the southern Isthmus of Tehuantepec might lead to better evidence of provenance for some of these samples.

Based on high-chromium composition, the bulk of the remaining unassigned specimens most probably originate somewhere north of the Mazatan zone of southern Chiapas. Many of them may be statistical outliers from groups recognized in this study. This is especially true for the unassigned specimens from San Lorenzo, which, as noted above, actually show >1% probability of membership in the San Lorenzo White Group and/or the San Lorenzo Group itself. These specimens were left unassigned because they were typologically inconsistent with the San Lorenzo White group, but there seems little doubt that they are, in fact, local San Lorenzo products.

## **Discussion**

Subdivision of the Olmec ceramic sample into a series of chemical compositional groups that in many cases can be tied to specific locations on the ground provides important hard evidence about the movement of pottery with Olmec characteristics across the Early Formative Mesoamerican landscape.

One key finding of this study is that substantial proportions of “Olmec-like” pottery sampled outside of the Gulf Coast Olmec heartland originated in the immediate vicinity of San Lorenzo. As Table 8 shows, substantial proportions of San Lorenzo imports are found in

Mazatan, the Valley of Oaxaca, the Mixteca Alta (Etlatongo), and the Basin of Mexico (Tlapacoya), and small numbers occur at San Isidro and Laguna Zope as well. A total of 79 out of 275 or 28% of specimens assigned either to the San Lorenzo or the San Lorenzo White groups were found at sites outside the Olmec heartland. One of the largest concentrations of San Lorenzo-derived pottery outside the Gulf Coast was found in Mazatan, where the local clay compositions are so strikingly different from the Gulf Coast clays that there can be virtually no question whatsoever about the non-local status of the San Lorenzo group members. Some Oaxaca Valley clay compositions are somewhat similar to San Lorenzo compositions, but none of the San Lorenzo Group members found in the Oaxaca Valley or at Etlatongo could conceivably be assigned to the Oaxaca pottery group (Gris-1/Coyotepec) that is most similar to San Lorenzo. Nor can there be any ambiguity about the Gulf Coast derivation of the San Lorenzo Group members found at Tlapacoya, San Isidro, or Laguna Zope (Tehuantepec). In fact, it is most probable that the conservative approach used to assign members to the compositional groups produced an *underestimate* of the number of San Lorenzo-derived specimens at some sites.

In contrast to the clear evidence for export of San Lorenzo Olmec pottery from the Gulf Coast, not a single specimen from San Lorenzo can be linked securely to any of the other “Olmec” sites sampled on this project (Table 8). Thus, the overall implication of these data is that the Olmec heartland sent substantial quantities of pottery to other late Early Formative centers all over Mesoamerica, from the Basin of Mexico to southern Chiapas, but the latter sites did not send any pottery back to San Lorenzo, nor did they send much if any pottery to other non-Gulf Coast regions.

The main qualification to the foregoing observation involves the Mazatan sample, in which a subset of specimens identified as likely non-local based on their high chromium concentrations are chemically diverse enough to suggest that they may come from multiple non-local production centers. This observation too must be qualified, however, because no samples have yet been analyzed from the region lying northwest of Aquiles Serdan, and it is possible that high chromium compositions can be obtained not too far away (in which case “unassigned import” is a mischaracterization of these specimens). A sample from the Acapetahua Estuary currently being analyzed for Douglas J. Kennett will indicate whether high-chromium compositions are available in this zone, which lies about 50 km northwest of Mazatan. One possible interpretation of these unassigned imports is that voyagers from the Gulf Coast may have acquired pottery from several communities on their way to Mazatan. Obviously, sampling of additional ceramics and raw materials from areas lying between the Gulf Coast and Mazatan, including the Chiapas Pacific coast north of Mazatan, the Isthmus of Tehuantepec, and the Chiapas Central Depression may clarify the interpretation of these unassigned imports from Mazatan.

The La Venta sample is the only one that includes not a single specimen that can be convincingly linked to the San Lorenzo area (Table 8), which is surprising considering that San

Lorenzo lies only 90 or so km to the southwest of La Venta. One part of the explanation for this result is that the La Venta sample is probably chronologically distinct (Middle Formative) from the other sampled assemblages, including San Lorenzo. Under this interpretation, San Lorenzo was no longer exporting pottery by the time the sampled portions of the La Venta assemblage were accumulating. Unfortunately, descriptions of the contexts and formal characteristics of the pottery included in the La Venta sample do not permit secure chronological assessment. It is worthwhile to point out that the La Venta sample probably does include imports. Specifically, the Anomalous La Venta Group, which is chemically very different from the La Venta Local Group (Figure 8, Table 4) may originate further east on the Tabasco Gulf Coast or south of La Venta, perhaps in the Chiapas Central Depression. Comparison of the La Venta sample with samples from Bishop's survey along the Lower Usumacinta might lead to more secure provenance assignments for the Anomalous La Venta Group and/or for some of the unassigned La Venta specimens.

## **Conclusion**

To conclude, samples of "Olmec-related" pottery and raw material samples that have been collected over the past decade now provide the basis for a fairly detailed assessment of how pottery was moved across the Mesoamerican landscape during the late Early Formative period. The major implication of this assessment is that the Gulf Coast Olmec center of San Lorenzo was a major exporter not only of the iconography displayed on Early Formative vessels but also of the vessels themselves. Movement of pottery back to San Lorenzo was so infrequent as to be undetectable, despite the fact that the San Lorenzo sample is the single largest sample in the Olmec database.

Although a complete discussion of the ramifications of these findings for debates about Early Formative cultural evolution is far beyond the scope of this report, there seems little doubt that they will have a significant impact. At face value, they provide unambiguous support for a "birth narrative" (Clark 1997) that portrays the Olmec as a "mother culture" that exported iconography and institutions to other Mesoamerican populations, thereby giving rise to what we now recognize as Mesoamerican civilization. We can now identify specific material manifestations (ceramic vessels) of this one-way flow of information out of the Olmec heartland. The alternative "birth narrative," which sees institutions and other distinctive traits of Mesoamerican civilization arising from multiple sources and coalescing as a result of interaction between Early Formative societies (e.g. Demarest 1989; Flannery and Marcus 1994), does not fit the evidence for exclusive one-way flow of material manifestations of Olmec identity out of the Gulf Coast heartland.

This brief report inevitably fails to do justice to the rich databases of analyses from the various sampled regions. The samples from San Lorenzo, La Venta, Mazatan, and Laguna Zope, for instance, certainly could be analyzed in much greater detail, providing a much more detailed picture of local ceramic production and interaction within these regions. Additional sampling

and analysis may be needed to clarify certain provenance issues, as noted above with respect to the Mazatan sample. Analyses of the distributions of various incised and carved Olmec decorative motifs on vessels (a) made at San Lorenzo and not exported; (b) exported from San Lorenzo; and (c) made locally at non-Gulf Coast Olmec sites might help isolate core components of Olmec iconography. The present report is intended merely to provide an overview of the major interregional patterns of Early Formative ceramic circulation.

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## Figure Captions

- Figure 1: Bivariate plot of chromium and thorium concentrations in pottery samples assigned to seven well-defined reference groups found in the Olmec pottery database. Ellipses represent 90% confidence level for membership in the groups.
- Figure 2: Bivariate plot of tantalum and cesium concentrations in the Tehuantepec

Local, San Lorenzo Local, and Oaxaca reference groups. Ellipses represent 90% confidence level for membership in the groups.

- Figure 3: Bivariate plot of chromium and vanadium concentrations the San Lorenzo Local and Mazatan Local groups together with three white ware groups. Ellipses represent 90% confidence level for membership in the groups.
- Figure 4: Bivariate plot of iron and tantalum concentrations in the San Lorenzo Local, San Lorenzo White, and White-2 reference groups. Ellipses represent 90% confidence level for membership in the groups.
- Figure 5: Bivariate plot of chromium and iron concentrations in several small non-white ware reference groups as well as unassigned specimens from Mazatan. Ellipses represent 90% confidence level for membership in the groups.
- Figure 6: Bivariate plot of manganese and cobalt concentrations in all Mazatan specimens presumed to originate locally. Besides the Mazatan Local and Anomalous Mazatan groups, the presumed local specimens include a number of specimens not assigned to either reference group. Ellipses represent 90% confidence level for membership in the groups.
- Figure 7: Bivariate plot of tantalum and rubidium concentrations in the San Lorenzo Local, Tehuantepec-1, Etlatongo-1, and Etlatongo-2 groups. Ellipses represent 90% confidence level for membership in the groups.
- Figure 8: Bivariate plot of thorium and calcium concentrations in the La Venta, San Isidro, and Anomalous La Venta groups. Ellipses represent 90% confidence level for membership in the groups.
- Figure 9: Bivariate plot of chromium and scandium concentrations in raw material samples from Mazatan, San Lorenzo, and the Basin of Mexico. Ellipses represent 90% confidence level for membership in the Mazatan Local, San Lorenzo Local, and Tlapacoya reference groups.
- Figure 10: Probability surface indicating variation in the similarity of Mazatan region clays to the chemical profile of the Mazatan Local Group. Peaks on this surface indicate the most likely clay procurement zones exploited by Early Formative potters.
- Figure 11: Probability surface indicating variation in the similarity of Basin of Mexico clays to the chemical profile of the Tlapacoya Group. Peaks on this surface indicate the most likely clay procurement zones exploited by Early Formative

potters. The large plateau extending south from the Lake Chalco area is an artefact of deficient raw material sampling along the southern edge of the Basin and in northern Morelos.

Figure 12: Bivariate plot of calcium and europium concentrations in the San Lorenzo, Oaxaca Gris-1, and Modern Coyotepec groups. Ellipses represent 90% confidence level for membership in groups. Dark pluses are San Lorenzo area clay analyses.

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
San Lorenzo local	BLM007	Oaxaca	Mixteca	Etlatongo	B.680	Grayware	Conical bowl	White on black design
San Lorenzo local	BLM012	Oaxaca	Mixteca	Etlatongo	B.16	Grayware	Conical bowl	
San Lorenzo local	BLM013	Oaxaca	Mixteca	Etlatongo	B.15	Grayware	Cylindrical bowl	
San Lorenzo local	BLM019	Oaxaca	Mixteca	Etlatongo	B.681	Fine Brownware	Cylindrical bowl	Black slip
San Lorenzo local	BLM026	Oaxaca	Mixteca	Etlatongo	B.594	Grayware	Cylindrical bowl	
San Lorenzo local	BLM027	Oaxaca	Mixteca	Etlatongo	B.715	Grayware	Cylindrical bowl	White on Black design
San Lorenzo local	BLM032	Oaxaca	Oaxaca	San Jose Mogote	Surface	La Mina White		Restricted body sherd
San Lorenzo local	BLM035	Oaxaca	Oaxaca	Tierras Largas	B.74/3733/DBS 65-91	Delfina Fine Gray	Cylindrical bowl	
San Lorenzo local	BLM039	Mexico	V. Mexico	Tlapacoya	Surface	Grayware	Cylindrical bowl	
San Lorenzo local	BLM044	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-St.Io(A)	Calzadas Carved	Cylindrical bowl	Carved design
San Lorenzo local	BLM045	Veracruz	San Lorenzo	San Lorenzo	SL-B4-9-SUR	Calzadas Carved		Illustrated in C&D Acc.#255134
San Lorenzo local	BLM046	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-St.Io(A)	Limon Incised	Bowl	Illustrated in C&D Acc.#255135
San Lorenzo local	BLM047	Veracruz	San Lorenzo	San Lorenzo	SL-B4-9-Ee	La Mina White	Tecomate	Illustrated in C&D Acc.#255149
San Lorenzo local	BLM048	Veracruz	San Lorenzo	San Lorenzo	SL-B4-9-Ed	La Mina White	Tecomate	Illustrated in C&D Acc.#255149
San Lorenzo local	BLM049	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-I-1p	Limon Incised	Cylindrical bowl	Illustrated in C&D Acc.#255135
San Lorenzo local	BLM050	Veracruz	San Lorenzo	San Lorenzo	TE-R-2/G	Calzadas Carved	Cylindrical bowl	Not illustrated, Acc.#247574
San Lorenzo local	BLM052	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-1c	Tular Black and White	Bowl	Illustrated in C&D Acc.#255139
San Lorenzo local	BLM053	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-St.I	Calzadas Carved	Cylindrical bowl	Illustrated in C&D Acc.#255134
San Lorenzo local	SLN1032	Chiapas	Mazatan			n/a	Figurine	MRE-11054
San Lorenzo local	SLN210	Oaxaca	Oaxaca	San Jose Mogote	Area C Feature 41	Delfina Fine Gray	Bolstered-rim bowl	Raspada excision with red pigment, fire serpent
San Lorenzo local	SLN213	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Delfina Fine Gray	Cylindrical bowl	Distinctive differential firing
San Lorenzo local	SLN238	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray	Ouleaned-wall bowl	
San Lorenzo local	SLN241	Oaxaca	Mixteca	Etlatongo		Leandro Gray		Raspada incisions with red pigment, fire serpent
San Lorenzo local	SLN258	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray		Fire serpents with red pigment
San Lorenzo local	SLN259	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray	Cylindrical bowl	Fire serpents with red pigment
San Lorenzo local	SLN263	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray	Cylindrical bowl	Raspada excisions
San Lorenzo local	SLN265	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray	Cylindrical bowl	Fire serpents with red pigment
San Lorenzo local	SLN270	Oaxaca	Mixteca	Etlatongo	Trench C/Level D	Delfina Fine Gray	Flat-bottomed, near vertical-wall bowl	Fire serpents with red pigment
San Lorenzo local	SLN271	Oaxaca	Mixteca	Etlatongo	Trench D/Level D	Delfina Fine Gray	Hemispherical bowl	Fire serpents
San Lorenzo local	SLN273	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray		Unique design
San Lorenzo local	SLN284	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Delfina Fine Gray	Near vertical-wall bowl	Fire serpents
San Lorenzo local	SLN287	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Delfina Fine Gray	Cylindrical bowl	Fire serpents with red pigment
San Lorenzo local	SLN300	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	C	Open body	n/a
San Lorenzo local	SLN301	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	Tigrillo	Hemispherical bowl	
San Lorenzo local	SLN302	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	Tigrillo	Closed body	
San Lorenzo local	SLN304	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	?	Olla	Tigrillo?
San Lorenzo local	SLN305	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	Tigrillo	Open body	
San Lorenzo local	SLN306	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN308	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 70-90 cm	?	Hemispherical bowl	
San Lorenzo local	SLN309	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 90-110 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN310	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 90-110 cm	Gris Erosionado	Open body	
San Lorenzo local	SLN311	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 50-70 cm	C	Neck of olla	
San Lorenzo local	SLN312	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 50-70 cm	C	Open body	
San Lorenzo local	SLN313	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 50-70 cm	Tigrillo	Hemispherical bowl	Incision on lip, slight bulge around bowl beneath rim
San Lorenzo local	SLN315	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 70-90 cm	?	Outleaned wall bowl	Large, and very thick
San Lorenzo local	SLN316	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 50-70 cm	Tigrillo	Hemispherical bowl, bolstered rim	
San Lorenzo local	SLN318	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 150-170 cm	Tigrillo C	Hemispherical bowl	Vertical differential firing
San Lorenzo local	SLN319	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	Saura Negro	Outcurved wall bowl	Colapso de construccion
San Lorenzo local	SLN320	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 150-170 cm	Naranja Erosionado	Outleaned wall bowl	
San Lorenzo local	SLN322	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 130-150 cm	Caama+o	Outleaned wall bowl	Colapso de construccion
San Lorenzo local	SLN324	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	Tiburón Blanco	Open body	Colapso de construccion
San Lorenzo local	SLN325	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	C	Outleaned wall bowl	Colapso de construccion
San Lorenzo local	SLN326	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	C	Outleaned wall bowl, bolstered rim	Calzadas decoration, colapso de construccion
San Lorenzo local	SLN327	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 150-170 cm	Cris Erosionado	Open body	
San Lorenzo local	SLN329	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	Naranja Erosionado	Open body	Colapso de construccion
San Lorenzo local	SLN331	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 360-380 cm	Tejón Blanco	Cylindrical bowl	
San Lorenzo local	SLN332	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 300-320 cm	Rojo Chipó	Closed body	Completely covered with red slip and rocker stamping
San Lorenzo local	SLN333	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	G	Hemispherical bowl	
San Lorenzo local	SLN334	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 280-300 cm	Tigrillo Burdo	Wide mouth tecomate	Has two holes for suspension
San Lorenzo local	SLN339	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	Tejón Blanco	Everted Rim, unique	Interior slip is incised with design
San Lorenzo local	SLN342	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	?	Outleaned wall bowl	
San Lorenzo local	SLN347	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	Rojo Chipó	Closed body	Zoned cross hatching
San Lorenzo local	SLN348	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 360-380 cm	Rojo Chipó	Closed body	Finger and stick punctations
San Lorenzo local	SLN349	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	Conchudo Rojo Especular	Closed body	Zoned incisions, Feature 4
San Lorenzo local	SLN350	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 360-380 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN351	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	Tigrillo C	Outcurved wall bowl	Incisions
San Lorenzo local	SLN352	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	?	Closed body	Paste similar to G, smooth interior surface, ext. has remains of whil
San Lorenzo local	SLN354	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	?	Outcurved wall bowl	Fine light brown paste
San Lorenzo local	SLN355	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 400-420 cm	?	Outcurved outleaned wall bowl	Differential firing, fine light brown paste
San Lorenzo local	SLN359	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 660-700 cm	?	Bolstered rim tecomate	Polished white slip, small design
San Lorenzo local	SLN360	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 560-580 cm	Tejón Blanco	Annular Base	
San Lorenzo local	SLN363	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 520-540 cm	?	Closed body	Fine gray paste

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
San Lorenzo local	SLN366	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 400-420 cm	Tigrillo	Outleaned wall bowl	Lim_n Incised
San Lorenzo local	SLN367	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Rojo Chipio	Closed body	Parallel incisions, Feature 4
San Lorenzo local	SLN368	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 600-620 cm	Conchudo Rojo Especular	Bolstered rim tecomate	Parallel incisions around rim and body
San Lorenzo local	SLN369	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 520-540 cm	?	Closed body	Medium fine brown paste, white slip on exterior
San Lorenzo local	SLN370	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 440-460 cm	Caamato	Bolstered rim tecomate	
San Lorenzo local	SLN371	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 620-640 cm	Tigrillo A	Cylindrical bowl	Big excised design, polished surface
San Lorenzo local	SLN372	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 600-620 cm	Tejon Blanco	Cylindrical bowl, concave bottom	
San Lorenzo local	SLN373	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 400-420 cm	Tigrillo	Bottle neck	
San Lorenzo local	SLN374	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 600-620 cm	Tigrillo Burdo	Hemispherical bowl, bolstered rim	
San Lorenzo local	SLN375	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 520-540 cm	C	Bottle neck	Feature 4, horizontal gadroons on the neck
San Lorenzo local	SLN376	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Tigrillo A	Open body	Feature 4, Cylindrical bowl, Calzadas decoration
San Lorenzo local	SLN377	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Tigrillo	Cylindrical bowl	Feature 4, Cylindrical bowl, Calzadas decoration
San Lorenzo local	SLN378	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 520-540 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN379	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 480-500 cm	Tiburón Blanco	Cylindrical bowl, concave bottom	
San Lorenzo local	SLN380	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 480-500 cm	?	Outleaned wall bowl	Double line incised along base
San Lorenzo local	SLN381	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 660-700 cm	Conchudo Rojo Especular	Outleaned wall bowl	Fine orange paste, very thick
San Lorenzo local	SLN382	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 520-540 cm	G	Bolstered rim tecomate	Feature 4, Fingernail-like punctations
San Lorenzo local	SLN384	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 560-580 cm	Tigrillo B	Tecomate	Controlled differential firing on rim, Limon incised
San Lorenzo local	SLN385	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 520-540 cm	?	Kidney shaped?	Light brown paste, white slip
San Lorenzo local	SLN386	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 690-750 cm	Tigrillo A	Open body	Limon Incised
San Lorenzo local	SLN387	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 690-750 cm	Tigrillo Burdo	Open body	
San Lorenzo local	SLN389	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 690-750 cm	?	Open body	
San Lorenzo local	SLN391	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 754 cm	G	Closed body	Mancha de arena gris con grava
San Lorenzo local	SLN392	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 754 cm	Tiburón Blanco	Open body	Mancha de arena gris con grava
San Lorenzo local	SLN393	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 690-750 cm	Tigrillo C	Bolstered rim tecomate	Form# 3, not like the other bolstered rim tecomates
San Lorenzo local	SLN394	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 800-850 cm	Garza Pulido	Tecomate	
San Lorenzo local	SLN395	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 800-850 cm	Tejon Blanco	Annular Base	
San Lorenzo local	SLN397	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 800-850 cm	Tigrillo Burdo	Outleaned wall bowl	Thick
San Lorenzo local	SLN398	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 740-800 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN399	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 740-800 cm	Tigrillo B	Outleaned wall bowl	Differential firing, unique rim
San Lorenzo local	SLN400	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 740-800 cm	Conchudo Rojo Especular	Closed body	
San Lorenzo local	SLN403	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 740-800 cm	Caamato	Closed body	
San Lorenzo local	SLN404	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 800-850 cm	?	Outcurved wall bowl	
San Lorenzo local	SLN406	Veracruz	San Lorenzo	San Lorenzo	n/a			
San Lorenzo local	SLN411	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 82-102 cm	Tigrillo Burdo	Open body	
San Lorenzo local	SLN412	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 42-62 cm	G	Neck of olla	
San Lorenzo local	SLN414	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 77-97 cm	C	Outcurved wall bowl	
San Lorenzo local	SLN415	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 42-62 cm	Campamento	Open body	
San Lorenzo local	SLN416	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 42-62 cm	Campamento	Neck of olla	
San Lorenzo local	SLN417	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 97-117 cm	Tigrillo	Tecomate	
San Lorenzo local	SLN418	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 117-137 cm	Campamento	Outleaned wall bowl	
San Lorenzo local	SLN419	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 97-117 cm	?	Bolstered rim bowl	Double line incisions on everted rim
San Lorenzo local	SLN420	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 117-137 cm	Tigrillo	Unique	Two different rims, maybe Calzadas decoration
San Lorenzo local	SLN421	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 97-117 cm	Caamato	Tecomate	
San Lorenzo local	SLN422	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 97-117 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN425	Veracruz	San Lorenzo	San Lorenzo	Group C, IV, 137-157 cm	G	Neck of olla	
San Lorenzo local	SLN427	Veracruz	San Lorenzo	San Lorenzo	Group C, IV-V, 177-197 cm	Tigrillo	Cylindrical bowl	
San Lorenzo local	SLN429	Veracruz	San Lorenzo	San Lorenzo	Group C, V-VI, 197-207 cm	A	Open body	Differentially fired brown and black stains
San Lorenzo local	SLN430	Veracruz	San Lorenzo	San Lorenzo	Group C, VI, 246-257 cm	?	Neck of olla	
San Lorenzo local	SLN431	Veracruz	San Lorenzo	San Lorenzo	Group C, VI, 227-247 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN432	Veracruz	San Lorenzo	San Lorenzo	Group C, VI, 247-267 cm	Saura Blanco	Closed body	
San Lorenzo local	SLN433	Veracruz	San Lorenzo	San Lorenzo	Group C, VI, 227-247 cm	Tigrillo	Hemispherical bowl, bolstered rim	
San Lorenzo local	SLN434	Veracruz	San Lorenzo	San Lorenzo	Group C, VI, 246-257 cm	Tigrillo B	Hemispherical bowl	
San Lorenzo local	SLN436	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 342-362 cm	?	Outleaned wall bowl	
San Lorenzo local	SLN438	Veracruz	San Lorenzo	San Lorenzo	Group C, VII, 296-316 cm	Tigrillo	Cylindrical bowl, bolstered rim	Calzadas decoration
San Lorenzo local	SLN440	Veracruz	San Lorenzo	San Lorenzo	Group C, VII, 276-296 cm	Caamato	Outleaned wall bowl	
San Lorenzo local	SLN441	Veracruz	San Lorenzo	San Lorenzo	Group C, VII, 276-296 cm	Conchudo Rojo Especular	Bolstered rim tecomate	Incisions around rim, zoned hatching
San Lorenzo local	SLN444	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 362-382 cm	Pasta cafe/sup. negra	Cylindrical bowl	
San Lorenzo local	SLN445	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 450-462 cm	Tigrillo C	Cylindrical bowl	Limon Incised
San Lorenzo local	SLN446	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 422-462 cm	A	Cylindrical bowl, bolstered rim	
San Lorenzo local	SLN447	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 342-362 cm	Pasta cafe/sup. neg	Cylindrical bowl, bolstered rim	
San Lorenzo local	SLN448	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 322-342 cm	C	Cylindrical bowl	Single incision below and parallel to rim
San Lorenzo local	SLN449	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 342-362 cm	Naranja Erosionado	Outleaned wall bowl	
San Lorenzo local	SLN451	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 342-362 cm	Tigrillo	Cylindrical bowl	Single incision below and parallel to rim
San Lorenzo local	SLN452	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 342-363 cm	Tigrillo B	Hemispherical bowl	
San Lorenzo local	SLN454	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 382-402 cm	Saura	Closed body	
San Lorenzo local	SLN455	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 402-422 cm	Gris Erosionado	Outleaned wall bowl	Calzadas X
San Lorenzo local	SLN456	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 450-462 cm	?	Closed body	
San Lorenzo local	SLN457	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 382-402 cm	PastaCafe/Sup. Negra	Cylindrical bowl	Single incision below and parallel to rim
San Lorenzo local	SLN458	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 362-382 cm	C	Outleaned wall bowl	
San Lorenzo local	SLN459	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 442-462 cm	Tigrillo C	Outleaned outcurved wall bowl	Limon incised
San Lorenzo local	SLN461	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 362-382 cm	Nauyaca	Closed body	

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
San Lorenzo local	SLN463	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 442-462 cm	Tigrillo B	Cylindrical bowl, bolstered rim	Specular, differential firing beneath rim
San Lorenzo local	SLN467	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 492-512 cm	Gris Erosionado	Outleaned wall bowl	
San Lorenzo local	SLN468	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 492-512 cm	Tiburón Blanco	Outcurved wall bowl	
San Lorenzo local	SLN469	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 512-525 cm	G	Bolstered rim tecomate	
San Lorenzo local	SLN470	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 512-525 cm	Caamazo	Hemispherical bowl	Thick
San Lorenzo local	SLN471	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 512-525 cm	Garza Pulido	Bolstered rim tecomate	
San Lorenzo local	SLN472	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 492-512 cm	Caamazo	Cylindrical bowl	
San Lorenzo local	SLN474	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 472-492 cm	Tigrillo D	Neck of olla	Rasgo: agrupamiento de tepalcates
San Lorenzo local	SLN476	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 512-525 cm	Tigrillo C	Outleaned wall bowl	Limon incised
San Lorenzo local	SLN477	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 492-512 cm	Tejón Blanco	Cylindrical bowl, concave base	
San Lorenzo local	SLN478	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 492-512 cm	Naranja Erosionado	Closed body	
San Lorenzo local	SLN479	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 512-525 cm	Tigrillo	Cylindrical bowl, bolstered rim	Large, Limon incised, stained with red pigment
San Lorenzo local	SLN480	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 452-512 cm	Tigrillo A	Olla	
San Lorenzo local	SLN481	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 492-572 cm	Naranja Erosionado	Outcurved wall bowl	
San Lorenzo local	SLN482	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Tigrillo C	Cylindrical bowl	Had seed, carbon, two sherds and bone inside
San Lorenzo local	SLN483	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Tigrillo D	Outcurved wall bowl	
San Lorenzo local	SLN484	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Gris Erosionado	Cylindrical bowl	
San Lorenzo local	SLN485	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Tejón Blanco	Olla	
San Lorenzo local	SLN486	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Tiburón Blanco	Composite silhouette tecomate	
San Lorenzo local	SLN488	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 556-576 cm	Tigrillo C	Outleaned wall bowl	Limon incised
San Lorenzo local	SLN489	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 536-556 cm	Tiburón Blanco	Cylindrical bowl	
San Lorenzo local	SLN491	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 556-576 cm	A	Outcurved outleaned wall bowl	Painted interior
San Lorenzo local	SLN492	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 676-682 cm	C	Neck of olla	Small, even horizontal gadroons
San Lorenzo local	SLN493	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 556-576 cm	Saura Blanco	Tecomate	Single incision around mouth, below rim. Mancha de arena
San Lorenzo local	SLN495	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 616-636 cm	Venus Anaranjado	Closed body	Possible import, very unique surface
San Lorenzo local	SLN496	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 676-682 cm	?	Closed body	Shoulder of double pyramidal bowl, painted red band
San Lorenzo local	SLN498	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 576-576 cm	Tigrillo C	Outleaned wall bowl	Limon incised. Mancha de arena
San Lorenzo local	SLN499	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 576-596 cm	Garza Pulido	Closed body	
San Lorenzo local	SLN501	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 556-576 cm	Caamazo	Plate or lid	Thick, possibly painted red. Mancha negra
San Lorenzo local	SLN505	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	C	Outcurved outleaned wall bowl	Cross hatching
San Lorenzo local	SLN506	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	Pochitoca Pulido	Outcurved wall bowl	
San Lorenzo local	SLN507	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	Tiburón Blanco	Outcurved wall bowl	Slightly pink slip on both surfaces
San Lorenzo local	SLN508	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	?	Shallow plate	Vertical incisions, unique form, maybe Conchudo Rojo Especular
San Lorenzo local	SLN509	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 656-676 cm	Conchudo Rojo Especular	Wide mouth tecomate	Bowl with vertical ridges and incision on lip
San Lorenzo local	SLN510	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	Conchudo Rojo Especular	Closed body	Bowl with vertical ridges, bottle?
San Lorenzo local	SLN511	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	Conchudo Rojo Especular	Tecomate	Slightly composite silhouette
San Lorenzo local	SLN512	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 722-742 cm	C	Outcurved outleaned wall bowl	
San Lorenzo local	SLN513	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 782-802 cm	Cocodrilo Alisado	Kidney shaped bowl	Bulbous protuberence
San Lorenzo local	SLN514	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 722-742 cm	?	Closed body	Double pyramidal shaped bowl, incisions on shoulder, unique, Mid-
San Lorenzo local	SLN515	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 782-802 cm	?	Tecomate	Tigrillo? V designs along border
San Lorenzo local	SLN518	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 762-782 cm	Venus Anaranjado	Closed body	
San Lorenzo local	SLN520	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 762-782 cm	Garza Pulido	Closed body	Ext. surface is black and polished
San Lorenzo local	SLN521	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 742-762 cm	Peje Micaseo	Tecomate	
San Lorenzo local	SLN522	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 682-702 cm	?	Closed body	Vertical ridges or gadroons, bottle? Tigrillo?
San Lorenzo local	SLN523	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 702-722 cm	?	Closed body	C? Parallel vertical incisions
San Lorenzo local	SLN524	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 782-802 cm	?	Tecomate	Red painted rim
San Lorenzo local	SLN525	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 7820802 cm	?	Closed body	G or Caamano paste with white slip on exterior
San Lorenzo local	SLN526	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 722-742 cm	?	Outcurved outleaned wall bowl	Both surfaces painted red
San Lorenzo local	SLN527	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 782-802 cm	?	Tecomate	
San Lorenzo local	SLN530	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Caamazo	Annular base (brazier)	
San Lorenzo local	SLN531	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	C	Open body	
San Lorenzo local	SLN532	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	G	Bolstered rim tecomate	Thin walls
San Lorenzo local	SLN536	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 682-702 cm	Tigrillo	Bottle Neck	Neck from side of vessel, two black smudges-tar?
San Lorenzo local	SLN541	Basin of Mexico	V. Mexico	Tlapacoya		Xochitl-tepec White	Closed body?	
San Lorenzo local	SLN548	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Flat bottom bowl	
San Lorenzo local	SLN549	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Open body	Five thin parallel horizontal incisions o
San Lorenzo local	SLN553	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Open body	
San Lorenzo local	SLN557	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Closed body	
San Lorenzo local	SLN558	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Open body	Looks like Delfina Fine Gray/horizontal i
San Lorenzo local	SLN559	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Open body	Looks like Delfina Fine Gray/horizontal e
San Lorenzo local	SLN560	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Open body	Horizontal incisions
San Lorenzo local	SLN561	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Body	
San Lorenzo local	SLN562	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Slightly incurved wall bowl	
San Lorenzo local	SLN658	Basin of Mexico	V. Mexico	Tlapacoya		Golfo Gris	Flat bottom bowl/ outleaned wall	Differentially fired
San Lorenzo local	SLN659	Basin of Mexico	V. Mexico	Tlapacoya		Golfo Gris	Flat bottom bowl/ outleaned wall	Differentially fired
San Lorenzo local	SLN662	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Vertical Straight Wall, Flat Bottomed Bowl	Olmec Motifs, Excisions with Red Pigment
San Lorenzo local	SLN664	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XX	na	Flat Bottomed Bolstered Rim Bowl	Diff. Fired, Excisions with Red Pigment
San Lorenzo local	SLN674	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIX	na	Straight, Outleaned Bolstered Rim	Red Pigment, Black ware
San Lorenzo local	SLN709	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Body Sherd	Gray Orange Paste Slipped White, Incisions
San Lorenzo local	SLN710	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	na	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Incisions
San Lorenzo local	SLN711	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Excisions
San Lorenzo local	SLN713	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XVI	na	Outleaned, Straight Wall, Rim	Painted Red Incisions

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
San Lorenzo local	SLN714	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIII	na	Outleaned, Straight Wall, Flat Bottom Bowl	Excisions and Surface with Red Pigment
San Lorenzo local	SLN727	Chiapas	Mazatan	San Carlos	MZ-257, P-3, ??????????????	na	Body Sherd	Traces of Red Pigment, Incisions
San Lorenzo local	SLN741	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Body Sherd	Red Surface and Red Incisions
San Lorenzo local	SLN742	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Body Sherd	Traces of Red Pigment in Excisions
San Lorenzo local	SLN749	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XVII	na	Outleaned, Incurved Wall Rim	Diff. Fired, Gray Exterior with Red Excisions
San Lorenzo local	SLN752	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Body Sherd	Spotches of Orange, Incisions
San Lorenzo local	SLN822	Chiapas	San Isidro	San Isidro	M-20, 22, C-XIII	n/a	Inleaned, Incurved Wall, Bolstered Rim	Bolstered Rim, Red Paint with Excisions
San Lorenzo local	SLN909	Chiapas	Tehuantepec	Laguna Zope	JU1-D29	Fine Paste Burnished Black	Body Sherd	Fine Incisions with Red Paint
San Lorenzo local	SLN911	Chiapas	Tehuantepec	Laguna Zope	JU1-D33	Fine Paste Burnished Black	Body Sherd	Incisions in Red, Fine Black Paste
San Lorenzo local	SLN912	Chiapas	Tehuantepec	Laguna Zope	JU1-D30	Fine Paste Burnished Black	Body Sherd	Incisions in Red, Fine Gray Paste
San Lorenzo local	SLN964	Chiapas	Mazatan	El Varal	MZ-101, N65W0/P	Imported Gray	Inleaned, Straight Wall, Rim	n/a
San Lorenzo local	SLN998	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1R-7	Calzadas Carved	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN1000	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-18-5	Pampas Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan local	SLN1001	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-18-5	Pampas Black and White	Outleaned, Slightly Incurved, Flat Bottom Bowl	n/a
Mazatan local	SLN1002	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-8	Pampas Black and White	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN1003	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-10	Pampas Black and White	Outleaned, Slightly Incurved, Flat Bottom Bowl	n/a
Mazatan local	SLN1004	Chiapas	Mazatan	Aquiles Serdan	TRIN-1C / NT	Pampas Black and White	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan local	SLN1005	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-9	Pampas Black and White	Outleaned, Outcurved Wall Rim	n/a
Mazatan local	SLN1007	Chiapas	Mazatan	Aquiles Serdan	MZ-6, G15, P-1E-6	Pampas Black and White	Outleaned, Slightly Outcurved Wall Rim	n/a
Mazatan local	SLN1008	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, 1-7 / 7	Pino Black	Outleaned, Incurved Wall Rim	n/a
Mazatan local	SLN1009	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F10 / 9-10	Pino Black	Outleaned, Incurved Wall Rim	n/a
Mazatan local	SLN1010	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, N	Pino Black	Outleaned, Outcurved Wall Rim	n/a
Mazatan local	SLN1011	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., HR	Pino Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN1013	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., 1 / R	Pino Black	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan local	SLN1014	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., 1 / R	Pino Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN1016	Chiapas	Mazatan	Paso de la Amada	MZ-7, P-5, 4	Pino Black	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan local	SLN1017	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., 1 / R	Pino Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN1018	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., 1 / R	Pino Black	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan local	SLN1019	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, J 7 / 7	Pino Black	Outleaned, Incurved Wall Rim	n/a
Mazatan local	SLN1020	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F10 / 9-10	Pino Black	Vertical, Slightly Incurved Rim	n/a
Mazatan local	SLN1021	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, H8 / 9-10	Pino Black	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan local	SLN1022	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, E-10 / ELEM. 4	Pino Black	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan local	SLN1023	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., HR	Pino Black	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan local	SLN1024	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., 1 / R	Pino Black	Outleaned, Slightly Incurved Wall, Flat Bottom Bowl	n/a
Mazatan local	SLN1025	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-2, 18-N6	n/a	Figurine	n/a
Mazatan local	SLN1026	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1A, N7	n/a	Figurine	n/a
Mazatan local	SLN1027	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1A, 1N12, ELEM. 6	n/a	Figurine	n/a
Mazatan local	SLN1029	Chiapas	Mazatan			n/a	Figurine	MRE-11106
Mazatan local	SLN1031	Chiapas	Mazatan			n/a	Figurine	MRE-10821
Mazatan local	SLN1033	Chiapas	Mazatan		MZ-44, SUP	n/a	Figurine	MRE-11607
Mazatan local	SLN1034	Chiapas	Mazatan			n/a	Figurine	?
Mazatan local	SLN1035	Chiapas	Mazatan			n/a	Figurine	MRE-11056
Mazatan local	SLN1036	Chiapas	Mazatan			n/a	Figurine	1 ARE-10297
Mazatan local	SLN1039	Chiapas	Mazatan			n/a	Figurine	MRE-10851
Mazatan local	SLN1041	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, G-10, PISO A, SEC. 8	n/a	Figurine	n/a
Mazatan local	SLN1043	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, J 9 / 10	n/a	Figurine	n/a
Mazatan local	SLN1045	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, K10 / 7	n/a	Figurine	n/a
Mazatan local	SLN1047	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.6-8, I24	n/a	Figurine	n/a
Mazatan local	SLN1048	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.6-9, LOT 26	n/a	Figurine	n/a
Mazatan local	SLN1049	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, 1 / R	n/a	Figurine	n/a
Mazatan local	SLN1050	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD. 6-8	n/a	Figurine	n/a
Mazatan local	SLN1051	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, 18 / 11	n/a	Figurine	n/a
Mazatan local	SLN1052	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, 19 / 11	n/a	Figurine	n/a
Mazatan local	SLN1053	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F9 / 11	n/a	Figurine	n/a
Mazatan local	SLN1055	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F9 / 11	n/a	Figurine	n/a
Mazatan local	SLN1056	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F9 / 5	n/a	Figurine	n/a
Mazatan local	SLN1057	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD. 6-7	n/a	Figurine	n/a
Mazatan local	SLN1058	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, L11 / 9	n/a	Figurine	n/a
Mazatan local	SLN1059	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, 19 / 8	n/a	Figurine	n/a
Mazatan local	SLN1061	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.12, T1F / 6	n/a	Figurine	n/a
Mazatan local	SLN1062	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, H9 / 11	n/a	Figurine	n/a
Mazatan local	SLN1063	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F12 / 7	n/a	Figurine	n/a
Mazatan local	SLN1065	Chiapas	Mazatan	El Varal	MZ-101, SUP	n/a	Figurine	n/a
Mazatan local	SLN1077	Chiapas	Mazatan	Altamira	?	n/a	n/a	n/a
Mazatan local	SLN1078	Chiapas	Mazatan	Altamira	?	n/a	n/a	n/a
Mazatan local	SLN663	Chiapas	Mazatan	San Carlos	MZ-257, P-A	na	Vertical Wall, Flat Bottomed Bowl	Diff. Fired, White Ext., Black Base
Mazatan local	SLN666	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-X	na	Vertical Straight Wall, Flat Bottomed Bowl	Diff. Fired, Brown w/ Black Blotches, Polished
Mazatan local	SLN667	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Straight, Outleaned Flat Bottom Bowl	Med. Paste, Polished Black
Mazatan local	SLN668	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVII	na	Vertical Straight Wall, Flat Bottomed Bowl	Diff. Fired, Excisions with Red Pigment
Mazatan local	SLN669	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Vertical Straight Wall, Flat Bottomed Bowl	Diff. Fired Black Ware
Mazatan local	SLN672	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVI	na	Vertical Straight Wall, Bolstered Rim	Med. Fine Black Paste, Bolstered Rim



**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Mazatan local	SLN675	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Incurved Rim	Excisions with Red Pigment, Gray Paste
Mazatan local	SLN676	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVII	na	Vertical Straight Wall, Bolstered Rim	Diff. Fired, Excisions, Bolstered Rim
Mazatan local	SLN678	Chiapas	Mazatan	San Carlos	na	na	Outleaned, Straight Wall, Flat Bottomed Bowl	Red Pigment in Incisions
Mazatan local	SLN679	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVI	na	Vertical Straight Wall, Flat Bottomed Bowl	Incisions, Med. Course Brown Paste
Mazatan local	SLN680	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-VIII	na	Outleaned Straight Wall, Bolstered Rim	Cross Hatching, Med. Course Brown Paste
Mazatan local	SLN681	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XX	na	Vertical Straight Wall, Bolstered Rim	Bolstered Rim, Excisions Brown Exterior
Mazatan local	SLN682	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XIII	na	Outleaned, Outcurved Rim	Painted Red, Course Brown Paste
Mazatan local	SLN683	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	na	Outleaned, Incurved Bolstered Rim	Diff. Fired Black, Bolstered Rim
Mazatan local	SLN684	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XII	na	Outleaned, Outcurved Rim	Red Pigment and Incision
Mazatan local	SLN685	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Outleaned, Straight Wall, Flat Bottomed Bolster	Bolstered Rim, Excision, Fine Paste Black
Mazatan local	SLN686	Chiapas	Mazatan	San Carlos	MZ-257, P-1, C-XVI	na	Slightly Outleaned, Straight Wall, Bolstered Ri	Red Pigment, Bolstered Rim, Incisions
Mazatan local	SLN687	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	na	Outleaned Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Excisions
Mazatan local	SLN688	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-X	na	Outleaned Straight Wall, Bolstered Rim	Red Pigment, Bolstered Rim
Mazatan local	SLN690	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-X	na	Outleaned Straight Wall, Bolstered Rim	Diff. Fired Black, Excisions with Red Pigment
Mazatan local	SLN691	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVII	na	Vertical Straight Wall, Bolstered Rim	Bolstered Rim, Excisions
Mazatan local	SLN692	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-IX	na	Vertical Straight Wall Rim	Red Paint with Incisions
Mazatan local	SLN693	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIV	na	Vertical Straight Wall, Bolstered Rim	Bolstered Rim, Red Paint, Incisions
Mazatan local	SLN695	Chiapas	Mazatan	San Carlos	MZ-257, P-1, C-XVII	na	Outleaned Straight Wall, Flat Bottom Bowl	Gray Paste, Slipped White or Gray
Mazatan local	SLN697	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVI	na	Outleaned, Slightly Incurved, Bolstered Rim	Diff. Fired, Bolstered Rim fired White, Excisions
Mazatan local	SLN699	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Straight Flat Bottom Bowl	Olmec Motifs, Red Paint
Mazatan local	SLN708	Chiapas	Mazatan	San Carlos	na	na	Outleaned, Straight Wall, Flat Bottom Bolstered	Diff. Fired, Red Pigment on Surface, Incisions
Mazatan local	SLN712	Chiapas	Mazatan	San Carlos	MZ-257, P-1, C-XVI	na	Outleaned, Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Incisions
Mazatan local	SLN715	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-X	na	Outleaned, Straight Wall, Flat Bottom Bowl	Traces of Red Pigment, Incisions
Mazatan local	SLN717	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XVI	na	Outleaned, Straight Wall, Rim	Diff. Fired, Excision
Mazatan local	SLN718	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Body Sherd	Incisions and Excisions in Red Paint
Mazatan local	SLN719	Chiapas	Mazatan	San Carlos	MZ-257, P-7, C-XVI	na	Outleaned, Outcurved, Flat Bottom Bowl	Diff. Fired Black Ware
Mazatan local	SLN720	Chiapas	Mazatan	San Carlos	MZ-257, P-4, C-XIV	na	Composite Silhouette	Shell Rocker Stamping
Mazatan local	SLN721	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XV	na	Outleaned, Straight Wall, Rim	Blotchy Gray Surface, Punctations
Mazatan local	SLN722	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Body Sherd	Traces of Red Pigment, Incisions
Mazatan local	SLN723	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVI	na	Outleaned, Slightly Incurved, Rim	Painted Red, Incisions
Mazatan local	SLN725	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Outleaned, Straight Wall, Flat Bottom Bowl	Orange Pigment in Incisions
Mazatan local	SLN726	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XV	na	Outleaned, Straight Wall, Rim	Surface Painted Red
Mazatan local	SLN729	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XIV	na	Outleaned, Straight Wall, Flat Bottom Bowl	Traces of Red Pigment
Mazatan local	SLN730	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XXI	na	Body Sherd	Diff. Fired, Traces of Red Pigment
Mazatan local	SLN732	Chiapas	Mazatan	San Carlos	MZ-257, P-3A	na	Vertical, Slightly Incurved Rim	Diff. Fired, Incisions and Punctations
Mazatan local	SLN733	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIX	na	Outleaned, Straight Wall Rim	Diff. Fired, Red Pigment, Incisions
Mazatan local	SLN734	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Body Sherd	Fine Paste Black Ware, Incisions
Mazatan local	SLN736	Chiapas	Mazatan	San Carlos	MZ-257, ?????????????????	na	Outleaned, Incurved Wall Rim	Interior Incisions, Surface in Red
Mazatan local	SLN737	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XV	na	Outleaned, Incurved Wall Rim	Red with Incisions
Mazatan local	SLN738	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Outleaned, Slightly Incurved Wall Rim	Red Pigment with Incisions
Mazatan local	SLN739	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-VIII	na	Body Sherd	Traces of Red Pigment in Excisions
Mazatan local	SLN740	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	na	Outleaned, Straight Wall, Flat Bottom Bowl	Red to Orange Surface, Pigment in Incisions
Mazatan local	SLN743	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Body Sherd	2 Double Line Raised Decorative Elements
Mazatan local	SLN744	Chiapas	Mazatan	San Carlos	MZ-257, P-2, C-XII	na	Outleaned, Straight Wall Rim	Red Surface and Excisions
Mazatan local	SLN745	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XIV	na	Vertical, Straight Wall Rim	Red Surface and Excisions
Mazatan local	SLN746	Chiapas	Mazatan	San Carlos	MZ-257, P-5	na	Vertical, Straight Wall, Flat Bottom Bowl	Red Surface and Incisions
Mazatan local	SLN747	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	na	Outleaned, Straight Wall Rim	Incisions, Black Ware
Mazatan local	SLN748	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XII	na	Body Sherd	Light Surface with Incisions
Mazatan local	SLN750	Chiapas	Mazatan	San Carlos	MZ-257	na	Outleaned, Straight Wall, Flat Bottom Bowl	Diff. Fired, Black and Gray Ware
Mazatan local	SLN751	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XI	na	Outleaned, Slightly Incurved Wall Rim	Geometric Excisions, Black Ware
Mazatan local	SLN755	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVII	na	Outleaned, Incurved Wall Rim	Med. Paste, Black Ware
Mazatan local	SLN756	Chiapas	Mazatan	San Carlos	MZ-257, P-4, C-XIII	na	Figurine	Hollow Baby Leg, Gray Paste
Mazatan local	SLN757	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XX11	na	Tecomate	Coarse Brown Paste, Incisions
Mazatan local	SLN758	Chiapas	Mazatan	San Carlos	MZ-257, P-4, C-XIV	na	Vertical Straight Wall, Flat Base	Red Surface, Incisions
Mazatan local	SLN759	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIX	na	Body Sherd	Olmec Motifs, Excisions
Mazatan local	SLN760	Chiapas	Mazatan	San Carlos	MZ-257, P-2, C-XIII	na	Outleaned, Straight Wall, Flat Bottom Bowl	Limon Incising, Cream Surface
Mazatan local	SLN761	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Straight Wall, Flat Bottom Bowl	Coarse Black Ware, Incisions
Mazatan local	SLN763	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-IX	na	Inleaned, Incurved Wall, Rim	Coarse Gray Paste
Mazatan local	SLN764	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Inleaned, Incurved Wall, Inward Bolstered Rim	Inward Rim Bolstering, Incisions
Mazatan local	SLN765	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Body Sherd	Fondo, Coarse Gray-Yellow Paste
Mazatan local	SLN766	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Body Sherd	Coarse Gray-Yellow Paste
Mazatan local	SLN767	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Straight Wall, Flat Bottom Bowl	Diff. Fired Black Ware
Mazatan local	SLN768	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Vertical, Straight Wall, Flat Bottom Bolstered R	White or Orange Slipped, Incisions
Mazatan local	SLN770	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Body Sherd	Incisions, Med. Brown Paste
Mazatan local	SLN771	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Straight Wall, Rim	Diff. Fired Maybe same vessel as SLN769
Mazatan local	SLN772	Chiapas	Mazatan	San Carlos	MZ-257, P-4, C-XIV	na	Outleaned, Straight Wall, Flat Bottom Bolstered	Diff. Fired, Limon Incised, Red Paint, Bolstered Rim
Mazatan local	SLN773	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Outleaned, Straight Wall, Flat Bottom Bolstered	Bolstered Rim. Cross Hatching
Mazatan local	SLN774	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVII	na	Outleaned, Outcurved to Straight Wall, Bolstere	Bolstered Rim, Incisions
Mazatan local	SLN775	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Incurved Wall, Bolstered Rim	Diff. Fired, Bolstered Rim
Mazatan local	SLN776	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XI	na	Outleaned, Straight Wall, Rim	Excisions, Med. Brown Ware
Mazatan local	SLN777	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XV	na	Outleaned, Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Red Paint, Incisions
Mazatan local	SLN778	Chiapas	Mazatan	Paso de la Amada	M-6, 50N/48E, N-9	na	Figurine	Unfired

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Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Mazatan local	SLN780	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-IX	na	Composite Silhouette	Rocker Stamping, Painted Red, Animal Effigy
Mazatan local	SLN938	Chiapas	Mazatan	Altamira	A1-1 / 20	Guanuchal Brush	Tecomate	n/a
Mazatan local	SLN939	Chiapas	Mazatan	Altamira	AH / 6	n/a	Outleaned, Straight Wall, Bolstered Rim	n/a
Mazatan local	SLN940	Chiapas	Mazatan	Altamira	H1-19F / 10	n/a	Tecomate	n/a
Mazatan local	SLN944	Chiapas	Mazatan	Altamira	AL-? / 5	n/a	Vertical, Straight Wall, Bolstered Rim	n/a
Mazatan local	SLN945	Chiapas	Mazatan	Altamira	AL-1-? / 12	n/a	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN954	Chiapas	Mazatan	Altamira	?	n/a	Outleaned, Slightly Incurred Wall Rim	n/a
Mazatan local	SLN955	Chiapas	Mazatan	Altamira	AL-19-E / 2	n/a	Vertical, Slightly Incurred Rim	n/a
Mazatan local	SLN958	Chiapas	Mazatan	El Varal	M2-101, SUP	Unidentified Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN959	Chiapas	Mazatan	El Varal	M2-101, SUP	Unidentified Black	Vertical, Straight Wall Rim	n/a
Mazatan local	SLN960	Chiapas	Mazatan	El Varal	M2-101, SUP	Unidentified Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN962	Chiapas	Mazatan	El Varal	MZ-101	Imported Gray	Composite Silhouette	n/a
Mazatan local	SLN966	Chiapas	Mazatan	El Varal	MZ-101, ?WO / P	Imported Gray	Inleaned, Straight Wall, Rim	n/a
Mazatan local	SLN968	Chiapas	Mazatan	El Varal	MZ-101, N70WO / 4	Imported Gray	Composite Silhouette	n/a
Mazatan local	SLN969	Chiapas	Mazatan	El Varal	MZ-101, N30WO / P	Imported Gray	Inleaned, Slightly Incurred Wall Rim	n/a
Mazatan local	SLN970	Chiapas	Mazatan	El Varal	MZ-101, SUP	Imported Gray	Inleaned, Incurred Wall Rim	n/a
Mazatan local	SLN971	Chiapas	Mazatan	El Varal	MZ-101, SUP	Imported Gray	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN973	Chiapas	Mazatan	El Varal	MZ-101, N20WO / P	Imported Gray	Composite Silhouette	n/a
Mazatan local	SLN974	Chiapas	Mazatan	El Varal	MZ-101, SUP	Imported Gray	Outleaned, Straight Wall, Bolstered Rim	n/a
Mazatan local	SLN976	Chiapas	Mazatan	El Varal	MZ-101, N50WO / P	Culebra Black	Flat Bottomed Bowl	n/a
Mazatan local	SLN977	Chiapas	Mazatan	El Varal	MZ-101, SUP	Culebra Black	Outleaned, Straight Wall, Rim	n/a
Mazatan local	SLN978	Chiapas	Mazatan	El Varal	MZ-101, N75WO / 1B	Culebra Black	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan local	SLN979	Chiapas	Mazatan	El Varal	MZ-101, N20WO / P	Culebra Black	Body Sherd	n/a
Mazatan local	SLN981	Chiapas	Mazatan	El Varal	MZ-101, N60WO	Culebra Black	Inleaned, Straight Wall, Rim	n/a
Mazatan local	SLN982	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1A-13, E-6	Pino Black	Outleaned, Slightly Incurred, Flat Bottom Bowl	n/a
Mazatan local	SLN983	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1-12	Pino Black	Outleaned, Incurred Wall Rim	n/a
Mazatan local	SLN984	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1A-7	Pino Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN985	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1A-6	Pino Black	Body Sherd	n/a
Mazatan local	SLN986	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-9	Pino Black	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN988	Chiapas	Mazatan	El Varal	MZ-101, N60-WO	Culebra Black	Inleaned, Slightly Incurred Wall Rim	n/a
Mazatan local	SLN989	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T18-7	Pampas Black and White	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN991	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1-5	Pampas Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan local	SLN992	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1K-6	Pampas Black and White	Vertical, Straight Wall, Bolstered Rim	n/a
Mazatan local	SLN995	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-9	Pampas Black and White	Outleaned, Straight Wall Rim	n/a
Mazatan local	SLN996	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-8	Pampas Black and White	Body Sherd	n/a
Mazatan local	SLN997	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-8	Pampas Black and White	Outleaned, Slightly Incurred Wall, Bolstered Rim	n/a
La Venta local	LAV074	Veracruz	La Venta	Bari #1 (San Andres)	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV078	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
La Venta local	LAV081	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
La Venta local	LAV087	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
La Venta local	LAV088	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV089	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
La Venta local	LAV090	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV091	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff)	Body	
La Venta local	LAV094	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Red Ware	Body	
La Venta local	LAV099	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV101	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff)	Body	
La Venta local	LAV103	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff)	Body	
La Venta local	LAV105	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Brown)	Body	
La Venta local	LAV106	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Black Ware	Body	
La Venta local	LAV108	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV109	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV111	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
La Venta local	LAV113	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La Venta local	LAV114	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
La Venta local	LAV115	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Red Ware	Body	
La Venta local	LAV120	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 118, 270-2	Coarse Brown Ware	Rim	
La Venta local	LAV121	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 118, 270-2	Coarse Brown Ware	Rim	
La Venta local	LAV123	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 118, 270-2	Coarse Brown Ware	Rim	
La Venta local	LAV124	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV125	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV126	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV127	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
La Venta local	LAV129	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Black)	Body	
La Venta local	LAV130	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV132	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Buff)	Rim	
La Venta local	LAV134	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Buff)	Body	
La Venta local	LAV135	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Black)	Body	
La Venta local	LAV136	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Buff)	Body	
La Venta local	LAV138	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
La Venta local	LAV139	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Black)	Body	

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
La Venta local	LAV141	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
La Venta local	LAV142	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Rim	
La Venta local	LAV143	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Rim	
La Venta local	LAV144	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Black/Wh	Body	
La Venta local	LAV145	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	White-Rimmed Black W	Rim	
La Venta local	LAV146	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Black)	Rim	
La Venta local	LAV147	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Rim	
La Venta local	LAV148	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Rim	
La Venta local	LAV149	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Rim	
La Venta local	LAV151	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Black/Wh	Rim	
La Venta local	LAV152	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Buff)	Body	
La Venta local	LAV153	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV154	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV155	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Buff)	Body	
La Venta local	LAV156	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
La Venta local	LAV157	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Fine Paste (Buff)	Body	
La Venta local	LAV158	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
La Venta local	LAV159	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Black Ware	Body	
La Venta local	LAV161	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV162	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV163	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
La Venta local	LAV164	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
La Venta local	LAV166	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Black/Wh	Rim	
La Venta local	LAV167	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Black/Wh	Body	
La Venta local	LAV168	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Rim	
La Venta local	LAV170	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Buff)	Body	
La Venta local	LAV171	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Ware	Rim	
La Venta local	LAV172	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Laquer	Rim	
La Venta local	LAV174	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Rim	
La Venta local	LAV175	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Rim	
La Venta local	LAV176	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Ware	Body	
La Venta local	LAV177	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Ware	Body	
La Venta local	LAV178	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Brown)	Body	
La Venta local	LAV179	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Body	
La Venta local	LAV180	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Ware	Body	
La Venta local	LAV181	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Ware	Body	
La Venta local	LAV182	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Body	
La Venta local	LAV184	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Buff)	Body	
La Venta local	LAV185	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Brown Laquer	Body	
La Venta local	LAV186	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Buff)	Body	
La Venta local	LAV187	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Black Ware	Body	
La Venta local	LAV189	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Fine Paste (Buff/Whi	Body	
La Venta local	LAV190	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	Coarse Black Ware	Rim	
La Venta local	LAV193	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	Coarse Buff Ware	Body	
La Venta local	LAV195	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	Coarse Brown Ware	Body	
La Venta local	LAV196	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	Coarse Brown Ware	Body	
La Venta local	LAV197	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff)		
La Venta local	LAV198	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff)		
La Venta local	LAV199	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff)		
La Venta local	LAV200	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Coarse Brown Ware	Body	
La Venta local	LAV201	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff/Bla		
La Venta local	LAV204	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Brown)	Body	
La Venta local	LAV206	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff)	Body	
La Venta local	LAV207	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Coarse Buff Ware	Body	
La Venta local	LAV208	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Coarse Black Ware	Body	
La Venta local	LAV209	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff/Bla	Rim	
La Venta local	LAV210	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff)	Body	
La Venta local	LAV211	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 8, 80-94 c	Fine Paste (Buff/Bla	Body	
La Venta local	LAV212	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 8, 80-94 c	Fine Paste (Buff)	Body	
La Venta local	LAV213	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 8 (?) 80-	Coarse Buff Ware	Body	
La Venta local	LAV214	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 5 (?) 80-	Fine Paste (Buff)	Rim	
La Venta local	LAV215	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP (?), LEVEL (?), 80-	Coarse Brown Ware	Body	
La Venta local	LAV217	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 10, 94-180	Fine Paste (Buff)	Body	
La Venta local	LAV218	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 6, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV219	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 8, 94-180	Coarse Buff Ware	Body	
La Venta local	LAV220	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV221	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 6, 94-180	Coarse Buff Ware	Body	
La Venta local	LAV223	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 11, 94-180	Coarse Brown Ware	Rim	
La Venta local	LAV224	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 6, 94-180	Coarse Red Ware	Body	
La Venta local	LAV225	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 12, 94-180	Coarse Buff Ware	Body	
La Venta local	LAV226	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Red Ware	Body	
La Venta local	LAV227	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Buff Ware	Body	

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
La Venta local	LAV229	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 6, 94-180	Coarse Brown Ware	Rim	
La Venta local	LAV233	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 10, 94-180	Fine Paste (Buff)	Body	
La Venta local	LAV234	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV235	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 12, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV236	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Buff Ware	Body	
La Venta local	LAV237	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV238	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 12, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV239	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 6, 94-180	Coarse Brown Ware	Body	
La Venta local	LAV240	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Brown Ware	Rim	
La Venta local	LAV241	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 10, 94-180	Fine Paste (Buff)	Body	
La Venta local	LAV242	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 11, 94-180	Coarse Red Ware	Body	
La Venta local	LAV244	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 10, 94-180	Coarse Red Ware	Body	
La Venta local	LAV245	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Red Ware	Body	
La Venta local	LAV246	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 11, 94-180	Fine Paste (Black)	Body	
San Isidro	SLN783	Chiapas	San Isidro	San Isidro	M-20, P-15, C-II???????????	n/a	Inleaned, Straight Wall, Rim	Slight Incision Gray-Black Ware
San Isidro	SLN784	Chiapas	San Isidro	San Isidro	M-20	n/a	Rim Bolster	Black Ware with Incisions
San Isidro	SLN785	Chiapas	San Isidro	San Isidro	M-20, 22-A-10	n/a	Outleaned, Straight Wall, Flat Bottom Bolstered Rim	Bolstered Rim, Incisions with Red Pigment
San Isidro	SLN786	Chiapas	San Isidro	San Isidro	M-20, 31-V	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Incisions
San Isidro	SLN787	Chiapas	San Isidro	San Isidro	M-20, 22-A-10	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Incisions
San Isidro	SLN788	Chiapas	San Isidro	San Isidro	M-20, 4-II	n/a	Vertical, Straight Wall, Bolstered Rim	Bolstered Rim, Shallow Excisions with Red Pigment
San Isidro	SLN789	Chiapas	San Isidro	San Isidro	M-20, P-15, C-XIV	n/a	Tecomate	Black Ware with Incisions
San Isidro	SLN791	Chiapas	San Isidro	San Isidro	M-20, 13-A, C-III	n/a	Outleaned, Outcurved Wall, Slightly Bolstered Rim	Bolstered Rim, Vertical and Horizontal Incisions
San Isidro	SLN792	Chiapas	San Isidro	San Isidro	M-20, P-8, C-V	n/a	Outleaned, Straight Wall, Flat Bottom Bowl	Vertical and Horizontal Incisions
San Isidro	SLN793	Chiapas	San Isidro	San Isidro	M-20, 22-B, C-XIII	n/a	Inleaned, Straight Wall, Rim	White Slipped Orange Ware
San Isidro	SLN794	Chiapas	San Isidro	San Isidro	M-20, 22-B, C-XIII	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, No Decoration
San Isidro	SLN795	Chiapas	San Isidro	San Isidro	M-20, 22-C-10	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Incisions
San Isidro	SLN796	Chiapas	San Isidro	San Isidro	M-20, 22-B-12	n/a	Vertical, Straight Wall, Rim	White Slipped Orange Ware
San Isidro	SLN798	Chiapas	San Isidro	San Isidro	M-20, P-14, C-IV	n/a	Outleaned, Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Horizontal Incisions
San Isidro	SLN799	Chiapas	San Isidro	San Isidro	M-20, P-15, C-IV	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Incisions
San Isidro	SLN800	Chiapas	San Isidro	San Isidro	M-20	n/a	Tecomate	White Slipped?, Incisions
San Isidro	SLN801	Chiapas	San Isidro	San Isidro	M-20, P-15, C-XIV	n/a	Outleaned, Slightly Incurved Wall Rim	Fine Paste Gray Ware
San Isidro	SLN802	Chiapas	San Isidro	San Isidro	M-20, 31-11	n/a	Outleaned, Slightly Incurved Wall Rim	Diff. Fired, Incisions with Red Pigment
San Isidro	SLN803	Chiapas	San Isidro	San Isidro	M-20, 28-I	n/a	Outleaned, Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Incisions
San Isidro	SLN804	Chiapas	San Isidro	San Isidro	M-20, 31-X	n/a	Outleaned, Straight Wall, Rim	White Slipped Yellow Ware
San Isidro	SLN805	Chiapas	San Isidro	San Isidro	M-20, 22-4-11	n/a	Outleaned, Straight Wall, Flat Bottom Bowl	Incisions
San Isidro	SLN806	Chiapas	San Isidro	San Isidro	M-20, 31-11	n/a	Body Sherd	Vertical and Horizontal Incisions
San Isidro	SLN808	Chiapas	San Isidro	San Isidro	M-20, P-5, L-12	n/a	Outleaned, Straight Wall, Rim	Diff. Fired, Excisions with Red Pigment
San Isidro	SLN810	Chiapas	San Isidro	San Isidro	M-20, 22, C-XIV	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Traces of Red Pigment
San Isidro	SLN811	Chiapas	San Isidro	San Isidro	M-20, 1, C-VII	n/a	Vertical, Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Excisions
San Isidro	SLN812	Chiapas	San Isidro	San Isidro	M-20, P-5, C-VII	n/a	Outleaned, Incurved Wall Rim	Decoration, Brown Paste
San Isidro	SLN813	Chiapas	San Isidro	San Isidro	M-20, 22, C-XIV	n/a	Body Sherd	Black Ware with Excisions and Motifs
San Isidro	SLN814	Chiapas	San Isidro	San Isidro	M-20, 22-B-12	n/a	Body Sherd	Red Paint with Excisions
San Isidro	SLN815	Chiapas	San Isidro	San Isidro	M-20, P-15, C-XIV	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Red Paint with Excisions
San Isidro	SLN816	Chiapas	San Isidro	San Isidro	M-20, 7-31-11	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Incisions
San Isidro	SLN817	Chiapas	San Isidro	San Isidro	M-20, P-8, C-7	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Traces of Red Pigment, Excisions
San Isidro	SLN818	Chiapas	San Isidro	San Isidro	M-20, 22, C-XIV	n/a	Body Sherd	Fine Gray Paste, Incisions
San Isidro	SLN819	Chiapas	San Isidro	San Isidro	M-20, 22-B-8	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Red Painted Surface, Incisions
San Isidro	SLN821	Chiapas	San Isidro	San Isidro	M-20, 23, III	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Excisions
San Isidro	SLN823	Chiapas	San Isidro	San Isidro	M-20, P-20, C-12?	n/a	Body Sherd	Excisions with Red Pigment
San Isidro	SLN824	Chiapas	San Isidro	San Isidro	M-20	n/a	Body Sherd	Black Brown Ware, Excisions]
San Isidro	SLN826	Chiapas	San Isidro	San Isidro	M-20, 220, C-XII	n/a	Body Sherd	Rocker Stamping
San Isidro	SLN827	Chiapas	San Isidro	San Isidro	M-20, P-15, C-XIV	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Incisions and Excisions
San Isidro	SLN828	Chiapas	San Isidro	San Isidro	M-20, 23, 2	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Red Pigment in Excisions
San Isidro	SLN830	Chiapas	San Isidro	San Isidro	M-20, 4-I	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Excisions
San Isidro	SLN832	Chiapas	San Isidro	San Isidro	?	n/a	Vertical, Straight Wall, Bolstered Rim	Bolstered Rim, Diff. Fired, Excisions
Oaxaca-1	SLN201	Oaxaca	Oaxaca	San Jose Mogote	Area Household Unit C4	Leandro Gray	Flat-bottomed, outleaned-wall bowl	Fire serpents with red pigment
Oaxaca-1	SLN203	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Leandro Gray	Outleaned-wall bowl	Fire serpents on interior surface
Oaxaca-1	SLN204	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Delfina Fine Gray		Raspada incisions with red pigment, fireserpent?
Oaxaca-1	SLN207	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Leandro Gray	Outleaned-wall bowl	Raspada incisions
Oaxaca-1	SLN209	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Leandro Gray	Cylindrical bowl	Were jaguar with red pigment
Oaxaca-1	SLN211	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Leandro Gray	Outleaned-wall bowl	Raspada excision and incision, fire serpent
Oaxaca-1	SLN214	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Leandro Gray	Outleaned-wall bowl	Raspada excisions and incisions, fireserpent
Oaxaca-1	SLN215	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C3	Leandro Gray	Cylindrical bowl	Burned interior, inscribed decoration, red painted exterior
Oaxaca-1	SLN217	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C3 Square J11	Leandro Gray		Fire serpents filled with red pigment
Oaxaca-1	SLN218	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C3	Leandro Gray	Flat-botomed, outleaned-wall bowl	Fire serpents
Oaxaca-1	SLN222	Oaxaca	Oaxaca	Tierras Largas	House 1 Feature 3	Leandro Gray	Cylindrical bowl	Were jaguar?
Oaxaca-1	SLN223	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Cylindrical bowl	Were jaguar with red pigment
Oaxaca-1	SLN224	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Cylindrical bowl	Were jaguar?
Oaxaca-1	SLN225	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Outleaned-wall bowl	Fire serpents on interior surface
Oaxaca-1	SLN226	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Near vertical-wall bowl	Raspada excisions and incisions

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Oaxaca-1	SLN227	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray		Raspada excisions on the interior surface
Oaxaca-1	SLN228	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Outleaned-wall bowl	Raspada excisions-incisions
Oaxaca-1	SLN229	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Flat-bottomed, outleaned-wall bowl	Raspada excisions, fire serpents
Oaxaca-1	SLN230	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Cylindrical bowl	Were jaguar
Oaxaca-1	SLN231	Oaxaca	Oaxaca	Tierras Largas	House 1/LSJ-1	Leandro Gray	Near vertical-wall bowl	Raspada excisions and incisions filled with red pigment
Oaxaca-1	SLN242	Oaxaca	Oaxaca	Abasolo	Zone C1	Leandro Gray		Raspada incisions and excisions with red pigment
Oaxaca-1	SLN244	Oaxaca	Oaxaca	Abasolo	Zone C1	Leandro Gray		Differential firing
Oaxaca-1	SLN248	Oaxaca	Oaxaca	Abasolo	Burial 1 Vessel 1	Leandro Gray	Outleaned-wall bowl	Fire serpents
Oaxaca-1	SLN256	Oaxaca	Oaxaca	Abasolo	Burial 1Vessel 3	Leandro Gray	Cylindrical bowl	Fire serpents with red pigment
Oaxaca-1	SLN257	Oaxaca	Oaxaca	Abasolo	Burial 1 Vessel 1	Leandro Gray	Outleaned-wall bowl	Fire serpents
Oaxaca-1	SLN274	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray		Were jaguar
Oaxaca-1	SLN276	Oaxaca	Oaxaca	Tierras Largas	House 1 Vessel 6	Atoyac Yellow-White	Cylindrical bowl	Were jaguar
Oaxaca-1	SLN277	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Cylindrical bowl	Were jaguar
Oaxaca-1	SLN278	Oaxaca	Oaxaca	Tierras Largas	House 1	Delfina Fine Gray	Cylindrical bowl	Were jaguar
Oaxaca-1	SLN279	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Cylindrical bowl	Were jaguar?
Oaxaca-1	SLN280	Oaxaca	Oaxaca	Tierras Largas	Feature 4 (associated with House 1)	Leandro Gray	Cylindrical bowl	Fire serpent with red pigment
Oaxaca-1	SLN281	Oaxaca	Oaxaca	Tierras Largas	House 1	Leandro Gray	Cylindrical bowl	Were Jaguar? with red pigment
Oaxaca-1	SLN282	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C2	Delfina Fine Gray	Outleaned-wall bowl	Fire serpents with red pigment
Oaxaca-1	SLN283	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C2	Delfina Fine Gray	Cylindrical bowl	Fire serpents with red pigment
Oaxaca-1	SLN285	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Leandro Gray	Cylindrical bowl	Fire serpents with red pigment
Oaxaca-1	SLN286	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C1	Delfina Fine Gray	Cylindrical bowl	Unique excised motif with red pigment
Oaxaca-1	SLN288	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Leandro Gray	Near vertical-walled bowl	Fire serpents
Oaxaca-1	SLN289	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Leandro Gray		Raspada incisions, stylized fire serpents?
Oaxaca-1	SLN290	Oaxaca	Oaxaca	San Jose Mogote	Area A Zone D1 Midden	Leandro Gray	Flat-bottomed, outleaned-wall bowl	Raspada incisions with red pigment
Oaxaca-1	SLN291	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C3	Leandro Gray	Cylindrical bowl	Fire serpents and raspada incisions with red pigment
Tehuantepec local	SLN834	Chiapas	Tehuantepec	Laguna Zope	JU1-E24	Buff Burnished	Body Sherd	Incisions
Tehuantepec local	SLN835	Chiapas	Tehuantepec	Laguna Zope	JU1-D2	Buff Burnished	Body Sherd	Incisions
Tehuantepec local	SLN836	Chiapas	Tehuantepec	Laguna Zope	JU1-F19	Buff Burnished	Body Sherd	Incisions
Tehuantepec local	SLN837	Chiapas	Tehuantepec	Laguna Zope	JU1-D40	Buff Burnished	Body Sherd	Incisions
Tehuantepec local	SLN838	Chiapas	Tehuantepec	Laguna Zope	JU1-D37	Buff Burnished	Body Sherd	Traces of Red Pigment, Incisions
Tehuantepec local	SLN839	Chiapas	Tehuantepec	Laguna Zope	JU1-D35	Buff Burnished	Body Sherd	Incisions and Excisions
Tehuantepec local	SLN840	Chiapas	Tehuantepec	Laguna Zope	JU1-C150	Buff Burnished	Body Sherd	Excisions
Tehuantepec local	SLN841	Chiapas	Tehuantepec	Laguna Zope	JU1-D35	Buff Burnished	Body Sherd	Light Excisions
Tehuantepec local	SLN842	Chiapas	Tehuantepec	Laguna Zope	JU1-D35	Buff Burnished	Body Sherd	Incisions
Tehuantepec local	SLN843	Chiapas	Tehuantepec	Laguna Zope	JU1-D39A	Buff Burnished	Body Sherd	Incisions
Tehuantepec local	SLN844	Chiapas	Tehuantepec	Laguna Zope	JU1-B19	Buff Burnished	Body Sherd	Excisions, Thick wall
Tehuantepec local	SLN845	Chiapas	Tehuantepec	Laguna Zope	JU1-F22	Buff Burnished	Body Sherd	Sloppy Excisions with Red Pigment
Tehuantepec local	SLN846	Chiapas	Tehuantepec	Laguna Zope	JU1-D33	Slipped Black and White	Body Sherd	Diff. Fired, Slipped Black and White
Tehuantepec local	SLN847	Chiapas	Tehuantepec	Laguna Zope	?	Slipped Black and White	Body Sherd	Diff. Fired, Incisions with Red Pigment
Tehuantepec local	SLN848	Chiapas	Tehuantepec	Laguna Zope	JU1-B20A	Slipped Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	Diff. Fired, Incisions with Red Pigment
Tehuantepec local	SLN850	Chiapas	Tehuantepec	Laguna Zope	JU1-D39	Slipped Black and White	Outleaned Wall, Bowl	Diff. Fired, Red Paint, Incisions
Tehuantepec local	SLN851	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	Slipped Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	Diff. Fired, Incisions
Tehuantepec local	SLN852	Chiapas	Tehuantepec	Laguna Zope	JU1-D38	Slipped Black and White	Body Sherd	Diff. Fired, Incisions
Tehuantepec local	SLN853	Chiapas	Tehuantepec	Laguna Zope	JU1-C13I	Slipped Black and White	Body Sherd	Diff. Fired, Incisions with Red Pigment
Tehuantepec local	SLN854	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	Slipped Black and White	Body Sherd	Diff. Fired, Incisions
Tehuantepec local	SLN855	Chiapas	Tehuantepec	Laguna Zope	JU1-C15C	Slipped Black and White	Body Sherd	Diff. Fired, Incisions
Tehuantepec local	SLN856	Chiapas	Tehuantepec	Laguna Zope	JU1-F23	Slipped Black and White	Body Sherd	Diff. Fired, Incisions
Tehuantepec local	SLN857	Chiapas	Tehuantepec	Laguna Zope	JU1-F25	Red on Buff	Body Sherd	Non-Spec. Red
Tehuantepec local	SLN858	Chiapas	Tehuantepec	Laguna Zope	JU1-D38	Red on Buff	Body Sherd	Non-Spec. Red
Tehuantepec local	SLN859	Chiapas	Tehuantepec	Laguna Zope	JU1-D42	Red on Buff	Body Sherd	Non-Spec. Red
Tehuantepec local	SLN860	Chiapas	Tehuantepec	Laguna Zope	JU1-C150	Red on Buff	Body Sherd	Maybe Spec. Red
Tehuantepec local	SLN861	Chiapas	Tehuantepec	Laguna Zope	JU1-D41	Red - Specular Red on White	Body Sherd	Red Paint on White Surface
Tehuantepec local	SLN863	Chiapas	Tehuantepec	Laguna Zope	JU1-D2	Buff Burnished	Tecomate	Brown Paste, No Decoration
Tehuantepec local	SLN864	Chiapas	Tehuantepec	Laguna Zope	JU1-C15I	Buff Burnished	Tecomate	Coarse Black Paste
Tehuantepec local	SLN865	Chiapas	Tehuantepec	Laguna Zope	JU1-D26	Buff Burnished	Tecomate	Med. Coarse Brown Paste
Tehuantepec local	SLN866	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	Buff Burnished-Gloss Burnished	Tecomate	Incisions
Tehuantepec local	SLN867	Chiapas	Tehuantepec	Laguna Zope	JU1-C15C	Buff Burnished-Gloss Burnished	Tecomate	Incisions
Tehuantepec local	SLN868	Chiapas	Tehuantepec	Laguna Zope	JU1-D33	Buff Burnished-Gloss Burnished	Body Sherd	Punctations, Incisions
Tehuantepec local	SLN869	Chiapas	Tehuantepec	Laguna Zope	JU1-C13F	Buff Burnished-Gloss Burnished	Body Sherd	Diff. Fired, Incisions
Tehuantepec local	SLN870	Chiapas	Tehuantepec	Laguna Zope	JU1-F23	Buff Burnished-Gloss Burnished	Body Sherd	Incisions
Tehuantepec local	SLN871	Chiapas	Tehuantepec	Laguna Zope	JU1-F25	Buff Burnished-Gloss Burnished	Body Sherd	Diff. Fired, Incisions
Tehuantepec local	SLN872	Chiapas	Tehuantepec	Laguna Zope	JU1-D42	Buff Burnished-Gloss Burnished	Tecomate	Incisions
Tehuantepec local	SLN873	Chiapas	Tehuantepec	Laguna Zope	JU1-D45	Buff Burnished-Gloss Burnished	Body Sherd	Incisions
Tehuantepec local	SLN874	Chiapas	Tehuantepec	Laguna Zope	JU1-D45	Buff Burnished-Gloss Burnished	Body Sherd	Incisions
Tehuantepec local	SLN875	Chiapas	Tehuantepec	Laguna Zope	JU1-D42	Buff Burnished-Gloss Burnished	Body Sherd	Incisions
Tehuantepec local	SLN876	Chiapas	Tehuantepec	Laguna Zope	JU1-C15C	Black Smudged	Body Sherd	Black Smudged, Incisions
Tehuantepec local	SLN877	Chiapas	Tehuantepec	Laguna Zope	JU1-D38B	Black Smudged	Body Sherd	Incisions
Tehuantepec local	SLN878	Chiapas	Tehuantepec	Laguna Zope	JU1-D41	Black Smudged	Body Sherd	Incisions
Tehuantepec local	SLN879	Chiapas	Tehuantepec	Laguna Zope	JU1-D32A	Black Smudged	Body Sherd	Horizontal Incisions
Tehuantepec local	SLN880	Chiapas	Tehuantepec	Laguna Zope	JU1-D38	Black Smudged	Body Sherd	Polished Black Surface, Incisions
Tehuantepec local	SLN881	Chiapas	Tehuantepec	Laguna Zope	JU1-F24	Black Smudged	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Incisions

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Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Tehuantepec local	SLN884	Chiapas	Tehuantepec	Laguna Zope	JU1-F23	Red on Buff	Tecomate	Red On Buff, Traces of Red Pigment
Tehuantepec local	SLN885	Chiapas	Tehuantepec	Laguna Zope	JU1-E30	Red on Buff	Tecomate	Red Exteriors
Tehuantepec local	SLN886	Chiapas	Tehuantepec	Laguna Zope	JU1-D19	Red on Buff	Tecomate	Traces of Red
Tehuantepec local	SLN887	Chiapas	Tehuantepec	Laguna Zope	JU1-E29	White Slipped	Outleaned, Straight Wall, Flat Bottom Bowl	White Slipped, Incisions
Tehuantepec local	SLN888	Chiapas	Tehuantepec	Laguna Zope	JU1-E29	n/a	Outleaned, Straight Wall, Flat Bottom Bowl	Incisions
Tehuantepec local	SLN889	Chiapas	Tehuantepec	Laguna Zope	JU1-B21	Slipped Black and White	Outleaned, Straight Wall, Rim	Slipped Black and White, Incisions
Tehuantepec local	SLN890	Chiapas	Tehuantepec	Laguna Zope	JU1-B20	n/a	Outleaned, Slightly Incurved Wall Rim	Incisions
Tehuantepec local	SLN891	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	n/a	Outleaned, Slightly Incurved Wall Rim	Traces of Red, Incisions
Tehuantepec local	SLN892	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	n/a	Outleaned, Slightly Incurved Wall Rim	White Exterior, Diff. Fired
Tehuantepec local	SLN893	Chiapas	Tehuantepec	Laguna Zope	JU1-D15	n/a	Outleaned, Slightly Outcurved Wall Rim	Traces of Red, Incisions
Tehuantepec local	SLN894	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	n/a	Outleaned, Straight Wall Rim	Diff. Fired, Incisions
Tehuantepec local	SLN895	Chiapas	Tehuantepec	Laguna Zope	JU1-B20	n/a	Outleaned, Slightly Incurved Wall Rim	Diff. Fired, Incisions
Tehuantepec local	SLN896	Chiapas	Tehuantepec	Laguna Zope	JU1-D32A	White Slipped	Outleaned, Straight Wall, Rim	White Slipped, Incisions
Tehuantepec local	SLN899	Chiapas	Tehuantepec	Laguna Zope	JU1-F25	White Slipped	Outleaned, Straight Wall, Rim	Incisions, Traces of Red Pigment
Tehuantepec local	SLN916	Chiapas	Tehuantepec	Laguna Zope	JU1-D43	Fine Paste White and light yellow	Tecomate	Traces of Red Pigment, Incisions
Tlapacoya local	SLN537	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim bowl/vertical wall	Deep excisions. Illustrated in Nieder.
Tlapacoya local	SLN539	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Open body	Several deep elbow-shaped excisions
Tlapacoya local	SLN547	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Flat bottom bowl	
Tlapacoya local	SLN550	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Incurved wall bowl	Faint curved excision on exterior surface
Tlapacoya local	SLN552	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Outleaned wall bowl	Plate?
Tlapacoya local	SLN554	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Flat bottom bowl	Incised design on the bottom on the inter
Tlapacoya local	SLN555	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Tecomate	
Tlapacoya local	SLN556	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Flat bottom bowl/straight walls	Wide horizontal excision
Tlapacoya local	SLN563	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim bowl/vertical wall	Incised X's and incisions on the exterior
Tlapacoya local	SLN564	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Closed body?	
Tlapacoya local	SLN565	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom/straight vertical wal	Excisions and incisions
Tlapacoya local	SLN566	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Body	Horizontal incisions
Tlapacoya local	SLN567	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight vertic	
Tlapacoya local	SLN568	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Incurved rim bowl	Tecomate?
Tlapacoya local	SLN569	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Incurved wall bowl	Red-orange bath on both surfaces
Tlapacoya local	SLN572	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Body	Black exterior, red interior, specular pa
Tlapacoya local	SLN575	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Body	Red specular interior
Tlapacoya local	SLN577	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Flat bottom outleaned wall bowl	Red interior, black exterior
Tlapacoya local	SLN578	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Flat bottom bowl/straight outlea	Red interior, black exterior
Tlapacoya local	SLN579	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim bowl/vertical wall	Motifs on rim, differentially fired rim
Tlapacoya local	SLN580	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight outlea	Motifs on rim, differentially fired rim
Tlapacoya local	SLN581	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight outlea	Incised motif
Tlapacoya local	SLN582	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/vertical walls	Excisions with orange paint inthem them
Tlapacoya local	SLN583	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bowl	Star motif
Tlapacoya local	SLN584	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim bowl/straight outl	
Tlapacoya local	SLN585	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/ vertical walls	Excisions
Tlapacoya local	SLN586	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Body	Excised X
Tlapacoya local	SLN587	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom/straight outleaned w	Excisions
Tlapacoya local	SLN588	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim bowl/outleaned inc	Incisions on exterior surface and on the
Tlapacoya local	SLN589	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Body	Excisions with red paint in them
Tlapacoya local	SLN590	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight outlea	Excised motifs with red paint in them
Tlapacoya local	SLN591	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight outlea	Excisions on the interior walls
Tlapacoya local	SLN592	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight outlea	Excised motifs
Tlapacoya local	SLN593	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom bowl/straight outlea	Eroded excisions
Tlapacoya local	SLN595	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Flat bottom/straight outleaned w	Excised motif
Tlapacoya local	SLN596	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Tlapacoya local	SLN599	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Tlapacoya local	SLN605	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Tlapacoya local	SLN606	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Body	Motivo Tlatilco
Tlapacoya local	SLN607	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Bowl/outleaned incurved walls	Motivo Tlatilco
Tlapacoya local	SLN610	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Tlapacoya local	SLN611	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido Tard	Flat bottom/straight outleaned w	Fase Manantial
Tlapacoya local	SLN612	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido Tard	Flat bottom/straight outleaned w	Fase Manantial
Tlapacoya local	SLN613	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido Tard	Flat bottom/straight outleaned w	Fase Manantial
Tlapacoya local	SLN614	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido Tard	Flat bottom/straight outleaned w	Fase Manantial
Tlapacoya local	SLN615	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido Tard	Flat bottom/straight outleaned w	Fase Manantial
Tlapacoya local	SLN616	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido Tard	Flat bottom bowl/incurved outlea	Fase Manantial, motif on interior surface
Tlapacoya local	SLN617	Basin of Mexico	V. Mexico	Tlapacoya		Anahuac Pulido	Flat bottom bowl/incurved outlea	
Tlapacoya local	SLN618	Basin of Mexico	V. Mexico	Tlapacoya		Anahuac Pulido	Body	Incisions on the interior wall surface
Tlapacoya local	SLN620	Basin of Mexico	V. Mexico	Tlapacoya		Anahuac Pulido	Bowl?	Unique shape
Tlapacoya local	SLN621	Basin of Mexico	V. Mexico	Tlapacoya		Anahuac Pulido	Flat bottom bowl/straight outlea	
Tlapacoya local	SLN622	Basin of Mexico	V. Mexico	Tlapacoya		Anahuac Pulido	Flat bottom bowl/vertical outcur	
Tlapacoya local	SLN623	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	
Tlapacoya local	SLN624	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Slightly incurved wall bowl	
Tlapacoya local	SLN625	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Flat bottom bowl/straight outlea	
Tlapacoya local	SLN626	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Flat bottom bowl/ straight outle	

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Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Tlapacoya local	SLN627	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Tecomate	Polished blackware
Tlapacoya local	SLN628	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Flat bottom bowl/ straight outle	Polished blackware
Tlapacoya local	SLN629	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Kidney shaped bowl	
Tlapacoya local	SLN630	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Flat bottom bowl/straight outlea	3 incisions on the rim
Tlapacoya local	SLN631	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Flat bottom bowl/straight outlea	Polished blackware
Tlapacoya local	SLN632	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Kidney shaped bowl	
Tlapacoya local	SLN633	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Slightly incurved wall bowl	
Tlapacoya local	SLN634	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Flat bottom bowl/straight slight	
Tlapacoya local	SLN635	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Incurved outleaned wall bowl	Differentially fired
Tlapacoya local	SLN636	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/straight outlea	
Tlapacoya local	SLN637	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/ slightly incur	Differentially fired blackware
Tlapacoya local	SLN638	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/ straight outle	Motif on interior base, differentially fir
Tlapacoya local	SLN639	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/ straight outle	Horizontal incisions
Tlapacoya local	SLN640	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/ straight outle	Incised motif, differentially fired
Tlapacoya local	SLN641	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/ vertical walls	Incised motif, differentially fired
Tlapacoya local	SLN642	Basin of Mexico	V. Mexico	Tlapacoya		Valle Borde Negativo	Flat bottom bowl/ straight outle	Horizontal incision, differentially fired
Tlapacoya local	SLN643	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Bolstered rim tecomate	Motifs, red rim and specular red interior
Tlapacoya local	SLN644	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Body	Hatch incisions, red paint
Tlapacoya local	SLN645	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Kidney shaped bowl	Red paint on exterior of rim
Tlapacoya local	SLN646	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Incurved wall bowl	Brushed incisions
Tlapacoya local	SLN647	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Tecomate	Red rim
Tlapacoya local	SLN648	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Bolstered rim incurved wall bowl	Incisions, differentially fired, red pain
Tlapacoya local	SLN649	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Flat bottom bowl/outleaned wall	Specular red band on exterior surface
Tlapacoya local	SLN650	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Incurved wall bowl	Red painted rim
Tlapacoya local	SLN651	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Body	Interior incisions, mica, red band on ext
Tlapacoya local	SLN652	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Flat bottom bowl/ vertical walls	Exterior surface has red and orange stain
Tlapacoya local	SLN653	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Incurved wall bowl	Red paint and incisions on the exterior
Tlapacoya local	SLN654	Basin of Mexico	V. Mexico	Tlapacoya		Pillili Rojo Sobre Bayo Oscuro	Tecomate	Incision around rim, red painted interior
Tlapacoya local	SLN657	Basin of Mexico	V. Mexico	Tlapacoya		Golfo Gris	Tecomate	Gadron type shape
San Lorenzo white	BLM001	Oaxaca	Mixteca	Etlatongo	B.693	Xochiltepec White	Tecomate	Gourd shaped
San Lorenzo white	BLM002	Oaxaca	Mixteca	Etlatongo	B.672	Conejo Orange on White	Conical bowl	
San Lorenzo white	BLM010	Oaxaca	Mixteca	Etlatongo	B.15	Conejo Orange on White	Cylindrical bowl	
San Lorenzo white	BLM011	Oaxaca	Mixteca	Etlatongo	B.695	Conejo Orange on White	Tecomate	Elaborate design
San Lorenzo white	BLM020	Oaxaca	Mixteca	Etlatongo	B.681	Xochiltepec White	Tecomate	
San Lorenzo white	BLM021	Oaxaca	Mixteca	Etlatongo	B.681	Xochiltepec White	Tecomate	
San Lorenzo white	BLM029	Oaxaca	Mixteca	Etlatongo	B.715	Xochiltepec White	Tecomate	
San Lorenzo white	BLM038	Mexico	V. Mexico	Tlapacoya	Surface	Xochiltepec White	Hemispherical bowl	
San Lorenzo white	BLM041	Veracruz	San Lorenzo	San Lorenzo	TE-R-1/C10	Conejo Orange on White	Tecomate	Illustrated in C&D Acc.#255141
San Lorenzo white	BLM042	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-St.I K A	Xochiltepec White	Tecomate	Illustrated in C&D Acc.#255154
San Lorenzo white	BLM043	Veracruz	San Lorenzo	San Lorenzo	SL-PNW-St.II(a)	Xochiltepec White	Tecomate	Illustrated in C&D Acc.#255154
San Lorenzo white	BLM051	Veracruz	San Lorenzo	San Lorenzo		Conejo Orange on White	Bowl	Illustrated in C&D Acc.#255141
San Lorenzo white	SLN1044	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.12, 1-2	n/a	Figurine	n/a
San Lorenzo white	SLN206	Oaxaca	Oaxaca	San Jose Mogote	Mound 9 East (adobe fill)	Xochiltepec White	Cylindrical bowl	Fine white paste, complex insicions in slip
San Lorenzo white	SLN212	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Xochiltepec White	Tecomate	Composite silhouette
San Lorenzo white	SLN216	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Xochiltepec White	Tecomate	Orange tint on surface
San Lorenzo white	SLN220	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C3	Xochiltepec White	Tecomate	Very fine paste
San Lorenzo white	SLN239	Oaxaca	Mixteca	Etlatongo		Xochiltepec White		Light rose color, white slip
San Lorenzo white	SLN240	Oaxaca	Mixteca	Etlatongo		Xochiltepec White		
San Lorenzo white	SLN260	Oaxaca	Mixteca	Etlatongo		Xochiltepec White	Tecomate	Fine white-orange paste, white slip, vertical ridges,unique
San Lorenzo white	SLN328	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 640-660 cm	Xochiltepec White	Tecomate	
San Lorenzo white	SLN358	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Xochiltepec White	Tecomate	
San Lorenzo white	SLN361	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 660-700 cm	Xochiltepec White	Bolstered rim tecomate	
San Lorenzo white	SLN362	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Xochiltepec White	Tecomate	
San Lorenzo white	SLN364	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 660-700 cm	Tejon Blanco	Outcurved wall bowl	
San Lorenzo white	SLN365	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Xochiltepec White	Closed body	
San Lorenzo white	SLN390	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 754 cm	Xochiltepec White	Closed body	Mancha de arena gris con grava
San Lorenzo white	SLN401	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 800-850 cm	Xochiltepec White	Tecomate	
San Lorenzo white	SLN402	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 740-800 cm	Xochiltepec White	Closed body	
San Lorenzo white	SLN435	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 382-402 cm	Xochiltepec White	Bolstered rim tecomate	
San Lorenzo white	SLN443	Veracruz	San Lorenzo	San Lorenzo	Group C, VII, 296-316 cm	Xochiltepec White	Closed body	
San Lorenzo white	SLN460	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 442-462 cm	Xochiltepec White	Outleaned wall bowl	
San Lorenzo white	SLN464	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 472-492 cm	Xochiltepec White	Cylindrical bowl	
San Lorenzo white	SLN473	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 472-492 cm	Xochiltepec White	Closed body	
San Lorenzo white	SLN475	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 512-525 cm	Xochiltepec White	Open body	
San Lorenzo white	SLN497	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 636-656 cm	Xochiltepec White	Figurine fragment ?	
San Lorenzo white	SLN519	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 782-802 cm	Xochiltepec White	Hemispherical bowl	Incision parallel and below border of rim
San Lorenzo white	SLN544	Basin of Mexico	V. Mexico	Tlapacoya		Xochiltepec White	Closed body?	
San Lorenzo white	SLN545	Basin of Mexico	V. Mexico	Tlapacoya		Xochiltepec White	Tecomate	Composite silhouette
San Lorenzo white	SLN546	Basin of Mexico	V. Mexico	Tlapacoya		Xochiltepec White	Flat bottom bowl, straight outle	Yellow and orange stains on the exterior
San Lorenzo white	SLN702	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIII	Xochiltepec White	Composite Silhouette	Xochiltepec White
San Lorenzo white	SLN703	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XXI	Xochiltepec White	Outleaned, Incurved, Flat Bottom Base	Xochiltepec White

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
San Lorenzo white	SLN704	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIX	Xochiltepec White	Tecomate	Xochiltepec White
San Lorenzo white	SLN705	Chiapas	Mazatan	San Carlos	MZ-257, P-4, C-XIV	Conejo Orange on White	Vertical Straight Wall Rim	Orange and Incisions
San Lorenzo white	SLN754	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	Xochiltepec White	Tecomate	Xochiltepec White
San Lorenzo white	SLN926	Chiapas	Tehuantepec	Laguna Zope	JU1-F2	Fine Paste White and light yellow	Body Sherd	White, Light Orange Core
San Lorenzo white	SLN927	Chiapas	Tehuantepec	Laguna Zope	JU1-F2	Fine Paste White and light yellow	Outleaned, Outcurved, Flat Bottom Bowl	Light Orange Paste
Tehuantepec white	SLN833	Chiapas	Tehuantepec	Laguna Zope	JU1-C13H	Buff Burnished	Flat Bottomed Bowl	Incisions, Fine Gray Paste
Tehuantepec white	SLN849	Chiapas	Tehuantepec	Laguna Zope	JU1-D36	Slipped Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	Diff. Fired, Incisions
Tehuantepec white	SLN862	Chiapas	Tehuantepec	Laguna Zope	JU1-D35	Red - Specular Red on White	Outleaned, Straight Wall, Rim	Red Paint on White Surface
Tehuantepec white	SLN905	Chiapas	Tehuantepec	Laguna Zope	JU1-D36	n/a	Flat Bottomed Bowl	Polished Black, Diff. Fired
Tehuantepec white	SLN917	Chiapas	Tehuantepec	Saltillo	JU2-B5	Fine Paste White and light yellow	Outleaned, Outcurved, Flat Bottom Bowl	Fine Gray Core
Tehuantepec white	SLN918	Chiapas	Tehuantepec	Saltillo	JU2-B11	Fine Paste White and light yellow	Outleaned, Outcurved, Flat Bottom Bowl	Fine Gray Core
Tehuantepec white	SLN919	Chiapas	Tehuantepec	Saltillo	JU2-B9	Fine Paste White and light yellow	Outleaned, Outcurved Wall Rim	Fine Gray Core
Tehuantepec white	SLN920	Chiapas	Tehuantepec	Saltillo	JU2-B10	Fine Paste White and light yellow	Outleaned, Outcurved Wall Rim	Fine Gray Core
Tehuantepec white	SLN921	Chiapas	Tehuantepec	Saltillo	JU2-B7	Fine Paste White and light yellow	Outleaned, Outcurved Wall Rim	Fine Gray Core
Tehuantepec white	SLN922	Chiapas	Tehuantepec	Laguna Zope	JU1-D37	Fine Paste White and light yellow	Outleaned, Straight Wall, Flat Bottom Bowl	Fine Gray Core
Tehuantepec white	SLN923	Chiapas	Tehuantepec	Laguna Zope	JU1-E28	Fine Paste White and light yellow	Outleaned, Straight Wall, Flat Bottom Bowl	Fine Gray Core
Tehuantepec white	SLN924	Chiapas	Tehuantepec	Laguna Zope	JU1-D32	Fine Paste White and light yellow	Body Sherd	Black Core
Tehuantepec white	SLN925	Chiapas	Tehuantepec	Laguna Zope	JU1-C15B	Fine Paste White and light yellow	Outleaned, Straight Wall, Flat Bottom Bowl	Fine Gray Core
Tehuantepec white	SLN928	Chiapas	Tehuantepec	Laguna Zope	JU1-D37A	Fine Paste White and light yellow	Outleaned, Straight Wall, Flat Bottom Bowl	Pink, Yellow, Orange Paste
Tehuantepec white	SLN929	Chiapas	Tehuantepec	Laguna Zope	JU1-B21	Fine Paste White and light yellow	Tecomate	Black Core, Incisions
Tehuantepec white	SLN930	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	Fine Paste White and light yellow	Tecomate	Black Core, Incisions
Tehuantepec white	SLN931	Chiapas	Tehuantepec	Laguna Zope	JU1-B20	Fine Paste White and light yellow	Tecomate	Black Core, Incisions
Tehuantepec white	SLN932	Chiapas	Tehuantepec	Laguna Zope	JU1-B23	Fine Paste White and light yellow	Tecomate	Light Orange Core, Incisions
Tehuantepec white	SLN933	Chiapas	Tehuantepec	Laguna Zope	JU1-B21	Fine Paste White and light yellow	Tecomate	Incisions
Tehuantepec white	SLN934	Chiapas	Tehuantepec	Laguna Zope	JU1-C15J	Fine Paste White and light yellow	Outleaned, Straight Wall, Flat Bottom Bowl	Light Gray Core
Tehuantepec white	SLN935	Chiapas	Tehuantepec	Laguna Zope	JU1-E25	Fine Paste White and light yellow	Vertical, Straight Wall, Flat Bottom Bowl	White Core
Tehuantepec white	SLN936	Chiapas	Tehuantepec	Laguna Zope	JU1-D37	Fine Paste White and light yellow	Body Sherd	Black Core
White-2	BLM033	Oaxaca	Oaxaca	Tierras Largas	B.74/3733/DBS 95-120	Xochiltepec White	Conical Bowl	
White-2	BLM034	Oaxaca	Oaxaca	Tierras Largas	B.74/3733/SE 10 cm ab.	Xochiltepec White		
White-2	SLN200	Oaxaca	Oaxaca	San Jose Mogote	Area A South Strat. 70-80 cm	Xochiltepec White		na
White-2	SLN251	Oaxaca	Oaxaca	Huitzo	Area A Zone F3	Xochiltepec White	Outcurved-rim bowl	
White-2	SLN252	Oaxaca	Oaxaca	Huitzo	Area A Zone F2/Patio Cut	Xochiltepec White	Outcurved-rim bowl	
White-2	SLN253	Oaxaca	Oaxaca	Huitzo	Area A Zone F2	Xochiltepec White	Cylindrical bowl	
White-2	SLN254	Oaxaca	Oaxaca	Huitzo	Area A Zone F1	Xochiltepec White	Tecomate	Composite silhouette
White-2	SLN255	Oaxaca	Oaxaca	Huitzo	Area A Zone F3	Xochiltepec White	Tecomate	Unique form, horizontal gadroons
La venta anomalous	LAV076	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
La venta anomalous	LAV079	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Black Ware	Body	
La venta anomalous	LAV083	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Black Ware	Body	
La venta anomalous	LAV086	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Black Ware	Body	
La venta anomalous	LAV095	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Brown)	Body	
La venta anomalous	LAV097	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Red Ware	Body	
La venta anomalous	LAV098	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Black Ware	Body	
La venta anomalous	LAV100	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff)	Body	
La venta anomalous	LAV102	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Brown)	Bowl, Jar?	
La venta anomalous	LAV110	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff)	Body	
La venta anomalous	LAV112	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff - O	Body	
La venta anomalous	LAV116	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff)	Body	
La venta anomalous	LAV118	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Fine Paste (Buff - O	Body	
Mazatan anomalous	SLN942	Chiapas	Mazatan	Altamira	?	n/a	Outleaned, Straight Wall, Bolstered Rim	n/a
Mazatan anomalous	SLN943	Chiapas	Mazatan	Altamira	AL-1-? / 10	n/a	Outleaned, Straight Wall, Bolstered Rim	n/a
Mazatan anomalous	SLN948	Chiapas	Mazatan	Altamira	AL-1- / 8	n/a	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan anomalous	SLN949	Chiapas	Mazatan	Altamira	A1-1-B / 9	n/a	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan anomalous	SLN950	Chiapas	Mazatan	Altamira	Altamira	Tacana Incised	Outleaned, Straight Wall Rim	n/a
Mazatan anomalous	SLN951	Chiapas	Mazatan	Altamira	A1-1 / 3	Xochiltepec White	Outleaned, Straight Wall Rim	n/a
Mazatan anomalous	SLN952	Chiapas	Mazatan	Altamira	AL-1-? / ?	n/a	Outleaned, Slightly Outcurved, Bolstered Rim	n/a
Mazatan anomalous	SLN953	Chiapas	Mazatan	Altamira	A1-1- / 2	n/a	Outleaned, Straight Wall, Bolstered Rim	n/a
Mazatan anomalous	SLN956	Chiapas	Mazatan	Altamira	AL-1 / 12	n/a	Body Sherd	n/a
Mazatan anomalous	SLN957	Chiapas	Mazatan	Altamira	AL-1 / 21	n/a	Outleaned, Straight Wall, Bolstered Rim	n/a
Tehuantepec-1	SLN900	Chiapas	Tehuantepec	Laguna Zope	JU1-E25	Fine Unslipped-White Rimmed	Outleaned, Slightly Outcurved Wall, Bolstered Rim	Slight Bolstered Rim
Tehuantepec-1	SLN901	Chiapas	Tehuantepec	Laguna Zope	JU1-E28	Fine Unslipped-White Rimmed	Outleaned, Slightly Outcurved Wall Rim	Fine Gray-Brown Paste
Tehuantepec-1	SLN902	Chiapas	Tehuantepec	Laguna Zope	JU1-E24	Fine Unslipped-White Rimmed	Outleaned, Outcurved Wall Rim	Fine Gray Paste
Tehuantepec-1	SLN907	Chiapas	Tehuantepec	Laguna Zope	JU1-E23	Black Burnished	Body Sherd	Smudged Red Paint, Same as SLN908?
Tehuantepec-1	SLN908	Chiapas	Tehuantepec	Laguna Zope	JU1-E24A	Black Burnished	Body Sherd	Smudged Red Paint, Same as SLN907?
Tehuantepec-1	SLN913	Chiapas	Tehuantepec	Laguna Zope	JU1-E31	Fine Black Burnished	Outleaned, Outcurved Wall Rim	Fine Gray Paste
Tehuantepec-1	SLN914	Chiapas	Tehuantepec	Laguna Zope	JU1-D27	Fine Black Burnished	Outleaned, Slightly Outcurved Wall Rim	Fine Decorative Marks,
Tehuantepec-1	SLN915	Chiapas	Tehuantepec	Laguna Zope	JU1-E25	Specular Red Slipped	Vertical, Straight Wall, Flat Bottom Bowl	Diff. Fired, Incisions



**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Etlatongo-1	BLM008	Oaxaca	Mixteca	Etlatongo	B.681	Fine Brownware	Bowl	White slip
Etlatongo-1	BLM016	Oaxaca	Mixteca	Etlatongo	B.681	Fine Brownware	Conical bowl	Design
Etlatongo-1	BLM018	Oaxaca	Mixteca	Etlatongo	B.714	Fine Brownware	Bowl	Distinctive orange slip
Etlatongo-1	BLM023	Oaxaca	Mixteca	Etlatongo	B.714	Fine Brownware	Cylindrical bowl	
Etlatongo-1	SLN232	Oaxaca	Mixteca	Etlatongo		Leandro Gray	Shallow cylindrical bowl	Differential firing raspada incisions
Etlatongo-1	SLN233	Oaxaca	Mixteca	Etlatongo	Trench E/Level C	Leandro Gray	Flat-bottomed, near vertical-wall bowl	Raspada incisions filled with red pigment
Etlatongo-1	SLN261	Oaxaca	Mixteca	Etlatongo	Trench E/Level D	Leandro Gray	Bolstered-rim bowl	Raspada incisions with red pigment
Etlatongo-1	SLN266	Oaxaca	Mixteca	Etlatongo	Trench D/Level D	Leandro Gray	Flat-bottomed, near vertical-wall bowl	Limons incised, red paint
Etlatongo-1	SLN272	Oaxaca	Mixteca	Etlatongo		Delfina Fine Gray	Cylindrical bowl	Fire serpents
Etlatongo-2	BLM005	Oaxaca	Mixteca	Etlatongo	B.676	Brownware		San Jose red on white design
Etlatongo-2	BLM006	Oaxaca	Mixteca	Etlatongo	B.672	Brownware	Tecomate	Fire serpent
Etlatongo-2	BLM014	Oaxaca	Mixteca	Etlatongo	B.594	Brownware	Hemispherical bowl	White slip
Etlatongo-2	BLM015	Oaxaca	Mixteca	Etlatongo	B.681	Brownware	Conical bowl	White-gray slip
Etlatongo-2	BLM017	Oaxaca	Mixteca	Etlatongo	B.714	Brownware	Bowl	Distinctive green/gray slip
Etlatongo-2	BLM024	Oaxaca	Mixteca	Etlatongo	B.715	Brownware	Cylindrical bowl	Red pigment rubbed into design
Etlatongo-2	SLN234	Oaxaca	Mixteca	Etlatongo		Leandro Gray	Bolstered-rim bowl	Fire serpents filled with red pigment
Etlatongo-2	SLN235	Oaxaca	Mixteca	Etlatongo		Leandro Gray	Outleaned-wall bowl	Raspada incisions filled with red pigment
Etlatongo-2	SLN236	Oaxaca	Mixteca	Etlatongo	Trench C/ Level C	Leandro Gray		Raspada incisions, exterior painted red
Etlatongo-2	SLN262	Oaxaca	Mixteca	Etlatongo		Leandro Gray	Flat-bottomed, outleaned-wall bowl	Raspada excisions
Etlatongo-2	SLN264	Oaxaca	Mixteca	Etlatongo		Leandro Gray	Flat-bottomed, outleaned-wall bowl	Raspada incisions forming X's
Etlatongo-2	SLN267	Oaxaca	Mixteca	Etlatongo		Leandro Gray		Raspada excisions forming large X
Etlatongo-2	SLN268	Oaxaca	Mixteca	Etlatongo		Leandro Gray	Cylindrical bowl	Calzadas Carved design
Mazatan un-id import	SLN1012	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD., HZ	Pino Black	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan un-id import	SLN1030	Chiapas	Mazatan			n/a	Figurine	MRE-10581
Mazatan un-id import	SLN1040	Chiapas	Mazatan			n/a	Figurine	MRE-10578
Mazatan un-id import	SLN1060	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, G9 / 11	n/a	Figurine	n/a
Mazatan un-id import	SLN1067	Chiapas	Mazatan	El Varal	MZ-101, N40WO / P	n/a	Figurine	n/a
Mazatan un-id import	SLN1069	Chiapas	Mazatan	El Varal	MZ-101, N85WO	n/a	Figurine	n/a
Mazatan un-id import	SLN1076	Chiapas	Mazatan	El Varal	?	n/a	Figurine	n/a
Mazatan un-id import	SLN694	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Outleaned Straight Wall, Bolstered Rim	Bolstered Rim, Diff. Fired, Excisions
Mazatan un-id import	SLN706	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	Xochiltepec White	Tecomate	Xochiltepec White
Mazatan un-id import	SLN728	Chiapas	Mazatan	San Carlos	MZ-257, P-1, C-XVI	na	Body Sherd	Black Brown Paste, Decoration
Mazatan un-id import	SLN735	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIII	na	Outleaned, Straight Wall, Flat Bottom Bowl	Diff. Fired Black Ware, Incisions
Mazatan un-id import	SLN782	Chiapas	Mazatan	El Varal	MZ101	na	Figurine	Olmec Ceramic Mask
Mazatan un-id import	SLN987	Chiapas	Mazatan	Aquiles Serdan	MZ-6, P-1A-13, E-6	Pino Black	Outleaned, Slightly Incurved Wall Rim	n/a
Mazatan un-id import	SLN990	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-10	Pampas Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Mazatan un-id import	SLN994	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1A-7	Pampas Black and White	Vertical, Straight Wall, Bolstered Rim	n/a
Unassigned Mazatan	SLN1006	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-8	Pampas Black and White	Outleaned, Straight Wall, Flat Bottom Bowl	n/a
Unassigned Mazatan	SLN1015	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, H8 / 9-10	Pino Black	Outleaned, Incurved Wall Rim	n/a
Unassigned Mazatan	SLN1028	Chiapas	Mazatan			n/a	Figurine	MRE-10608
Unassigned Mazatan	SLN1037	Chiapas	Mazatan			n/a	Figurine	MRE-105957
Unassigned Mazatan	SLN1038	Chiapas	Mazatan			n/a	Figurine	MRE-10583
Unassigned Mazatan	SLN1042	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, 1	n/a	Figurine	n/a
Unassigned Mazatan	SLN1046	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, F11 / 8	n/a	Figurine	n/a
Unassigned Mazatan	SLN1054	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, J11 / 1	n/a	Figurine	n/a
Unassigned Mazatan	SLN1064	Chiapas	Mazatan	Paso de la Amada	MZ-7, MD.1, L9 / 1	n/a	Figurine	n/a
Unassigned Mazatan	SLN1066	Chiapas	Mazatan	El Varal	MZ-101, N80WO14	n/a	Figurine	n/a
Unassigned Mazatan	SLN1068	Chiapas	Mazatan	El Varal	MZ-101, SUP	n/a	Figurine	n/a
Unassigned Mazatan	SLN1070	Chiapas	Mazatan	El Varal	MZ-101, SUP	n/a	Figurine	n/a
Unassigned Mazatan	SLN1071	Chiapas	Mazatan	El Varal	MZ-101, N95WO / 4	n/a	Figurine	n/a
Unassigned Mazatan	SLN1072	Chiapas	Mazatan	El Varal	MZ-101, N80W4 / P	n/a	Figurine	n/a
Unassigned Mazatan	SLN1073	Chiapas	Mazatan	El Varal	MZ-101, N40EO / P	n/a	Figurine	n/a
Unassigned Mazatan	SLN1074	Chiapas	Mazatan	El Varal	MZ-101, N80EO / P	n/a	Figurine	n/a
Unassigned Mazatan	SLN1075	Chiapas	Mazatan	El Varal	MZ-101, N65WO / P	n/a	Figurine	n/a
Unassigned Mazatan	SLN665	Chiapas	Mazatan	San Carlos	MZ-257, P-5, C-XIV	na	Straight, Outleaned Flat Bottom Bowl	Med. Fine Paste
Unassigned Mazatan	SLN670	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XIV	na	Incurved, Flat Bottom Bolstered Rim Bowl	Rim Painted Red, Flamed Eyebrows
Unassigned Mazatan	SLN671	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XII	na	Straight, Outleaned Flat Bottom Bowl	Limon Incising, Diff. Fired, Red Pigment
Unassigned Mazatan	SLN673	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIII	na	Vertical Straight Wall, Bolstered Rim	Bolstered Rim, Traces of Red Pigment
Unassigned Mazatan	SLN677	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVII	na	Outleaned, Straight Bolstered Rim	Orange Pigment in Incisions, Bolstered Rim
Unassigned Mazatan	SLN689	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XIV	na	Vertical Straight Wall, Bolstered Rim	Bolstered Rim, Incisions
Unassigned Mazatan	SLN696	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-VI	na	Outleaned, Straight Wall, Bolstered Rim	Diff. Fired, Bolstered Rim, Red Pigment in Excisions
Unassigned Mazatan	SLN698	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVI	na	Slightly Outleaned, Straight Wall Rim	Diff. Fired, Incisions and Punctations
Unassigned Mazatan	SLN700	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Vertical Straight Wall with Outward Buldge	Diff. Fired, Blotchy Black Patches, Orange Paint
Unassigned Mazatan	SLN701	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XVIII	na	Outleaned, Straight Wall, Bolstered Rim	Diff. Fired, Red Pigment on Surface, Incisions
Unassigned Mazatan	SLN707	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVI	na	Body Sherd	Red Pigment, Excision
Unassigned Mazatan	SLN716	Chiapas	Mazatan	San Carlos	MZ-257, P-4, C-XII	na	Outleaned, Straight Wall, Flat Bottom Bolstered	Slightly Bolstered Rim, Cross Hatching
Unassigned Mazatan	SLN724	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XVIII	na	Vertical, Straight Wall, Rim	Triangular Incisions, Black-Gray Ware
Unassigned Mazatan	SLN731	Chiapas	Mazatan	San Carlos	MZ-257, P-5A, C-XIII	na	Body Sherd	Red Pigment, Excision
Unassigned Mazatan	SLN753	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XIV	na	Outleaned, Straight Wall, Flat Bottom Bowl	White Slipped Orange Gray Ware

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Unassigned Mazatan	SLN762	Chiapas	Mazatan	San Carlos	MZ-257, P-3, C-XV	na	Outleaned, Straight Wall, Rim	Shell Rocker Stamping
Unassigned Mazatan	SLN769	Chiapas	Mazatan	San Carlos	MZ-257, P-3A, C-XV	na	Outleaned, Straight Wall, Rim	Diff. Fired Black Ware
Unassigned Mazatan	SLN779	Chiapas	Mazatan	Paso de la Amada	M-6, 50N/48E, N-9	na	Figurine	Unfired Figurine
Unassigned Mazatan	SLN781	Chiapas	Mazatan	Paso de la Amada	MONT-14, U-1, L-3	na	Figurine	Hollow Figurine, Gray-Yellow Coarse Paste
Unassigned Mazatan	SLN941	Chiapas	Mazatan	Altamira	A2-1-A / 15	n/a	Outleaned, Straight Wall Rim	n/a
Unassigned Mazatan	SLN946	Chiapas	Mazatan	Altamira	A1-19-E / 4	n/a	Body Sherd	n/a
Unassigned Mazatan	SLN947	Chiapas	Mazatan	Altamira	AL-1C / 1	n/a	Outleaned, Straight Wall, Bolstered Rim	n/a
Unassigned Mazatan	SLN961	Chiapas	Mazatan	El Varal	M2-101, SUP	Unidentified Black	Outleaned, Incurved Wall Rim	n/a
Unassigned Mazatan	SLN963	Chiapas	Mazatan	El Varal	MZ-101, N60W0	Imported Gray	Outleaned Straight Wall, Bolstered Rim	n/a
Unassigned Mazatan	SLN965	Chiapas	Mazatan	El Varal	MZ-101, SUP	Imported Gray	Inleaned, Straight Wall, Rim	n/a
Unassigned Mazatan	SLN967	Chiapas	Mazatan	El Varal	MZ-101, N45W0	Imported Gray	Inleaned, Straight Wall, Rim	n/a
Unassigned Mazatan	SLN972	Chiapas	Mazatan	El Varal	MZ-101, SUP	Imported Gray	Inleaned, Straight Wall, Rim	n/a
Unassigned Mazatan	SLN975	Chiapas	Mazatan	El Varal	MZ-101, N45W0 / P	Culebra Black	Outleaned, Straight Wall, Rim	n/a
Unassigned Mazatan	SLN980	Chiapas	Mazatan	El Varal	MZ-101, SUP	Culebra Black	Outleaned, Straight Wall, Rim	n/a
Unassigned Mazatan	SLN993	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1A-11	Pampas Black and White	Outleaned, Straight Wall, Bolstered Rim	n/a
Unassigned Mazatan	SLN999	Chiapas	Mazatan	Aquiles Serdan	MZ-6, T-1G-9	Calzadas Carved	Vertical, Straight Wall, Flat Bottom Bowl	n/a
Unassigned White	BLM030	Oaxaca	Oaxaca	San Jose Mogote	Surface	Xochiltepec White	Tecomate	
Unassigned White	SLN219	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C1	Xochiltepec White	Hemispherical bowl	Small inclusions in paste
Unassigned White	SLN357	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 660-700 cm	Xochiltepec White	?	
Unassigned White	SLN542	Basin of Mexico	V. Mexico	Tlapacoya		Xochiltepec White	Closed body?	
Unassigned White	SLN543	Basin of Mexico	V. Mexico	Tlapacoya		Xochiltepec White	Closed body?	
Unassigned White	SLN937	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	Xochiltepec White	Vertical, Straight Wall, Flat Bottom Bowl	Xochiltepec White
Unassigned	BLM003	Oaxaca	Mixteca	Etlatongo	B.611	Grayware	Cylindrical bowl	Carved design
Unassigned	BLM004	Oaxaca	Mixteca	Etlatongo	B.661	Grayware	Cylindrical bowl	Fire serpent
Unassigned	BLM009	Oaxaca	Mixteca	Etlatongo	B.16	Fine Brownware	Tecomate	Possibly La Mina White
Unassigned	BLM022	Oaxaca	Mixteca	Etlatongo	B.715	Fine Gray ware	Cylindrical bowl	Fire serpent
Unassigned	BLM025	Oaxaca	Mixteca	Etlatongo	B.681	Fine Brownware	Tecomate	Possible La Mina White
Unassigned	BLM028	Oaxaca	Mixteca	Etlatongo	B.681	Fine Brownware		Deep carved designs, may be Grayware
Unassigned	BLM031	Oaxaca	Oaxaca	San Jose Mogote	Surface	Grayware	Bowl	White on black design
Unassigned	BLM036	Oaxaca	Oaxaca	Hacienda Blanca	HB88, 403. Sec E 26 Nivel 1	Unclassified	Conical bowl	Tierras Largas Phase
Unassigned	BLM037	Oaxaca	Oaxaca	Hacienda Blanca	HB88, 597	Brownware	Conical bowl	Distinctive white slip
Unassigned	LAV075	Veracruz	La Venta	Bari #1 (San Andres)	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse White Ware	Body	
Unassigned	LAV077	Veracruz	La Venta	La Venta	Sub-Surface, OP 33, TP 3, 270 cm	Coarse Buff Ware	Body	
Unassigned	LAV080	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
Unassigned	LAV082	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
Unassigned	LAV084	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
Unassigned	LAV085	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
Unassigned	LAV092	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
Unassigned	LAV093	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Red Ware	Body	
Unassigned	LAV096	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
Unassigned	LAV104	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
Unassigned	LAV107	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Brown Ware	Body	
Unassigned	LAV117	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
Unassigned	LAV119	Veracruz	La Venta	La Venta	Sub-Surface, OP 28, TP 2, LEVEL 3,	Coarse Buff Ware	Body	
Unassigned	LAV122	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 118, 270-2	Coarse Brown Ware	Rim	
Unassigned	LAV128	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
Unassigned	LAV131	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
Unassigned	LAV133	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Body	
Unassigned	LAV137	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
Unassigned	LAV140	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Black Ware	Rim	
Unassigned	LAV150	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Buff Ware	Rim	
Unassigned	LAV160	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Brown Ware	Body	
Unassigned	LAV165	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 117, 255-2	Coarse Red Ware	Body	
Unassigned	LAV169	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Rim	
Unassigned	LAV173	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Buff Ware	Rim	
Unassigned	LAV183	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Red Ware	Body	
Unassigned	LAV188	Veracruz	La Venta	La Venta	Sub-Surface, TP C, LEVEL 116, 240-2	Coarse Red Ware	Body	
Unassigned	LAV191	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	White-Rimmed Black W	Rim	
Unassigned	LAV192	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	Coarse Black Ware	Body	
Unassigned	LAV194	Veracruz	La Venta	La Venta	Sub-Surface, 1955 Type Collection	Coarse Buff Ware	Body	
Unassigned	LAV202	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Brown)	Body	
Unassigned	LAV203	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Coarse Brown Ware	Body	
Unassigned	LAV205	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 5, 80-94 c	Fine Paste (Buff)	Rim	
Unassigned	LAV216	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 7, 94-180	Coarse Brown Ware	Body	
Unassigned	LAV222	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 12, 94-180	Coarse Brown Ware	Body	
Unassigned	LAV228	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 11, 94-180	Coarse Buff Ware	Body	
Unassigned	LAV230	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 12, 94-180	Coarse Buff Ware	Body	
Unassigned	LAV231	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 12, 94-180	Fine Paste (Buff)	Body	
Unassigned	LAV232	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 11, 94-180	Fine Paste (Buff)	Body	
Unassigned	LAV243	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 1, LEVEL 6, 94-180	Coarse Buff Ware	Body	

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Unassigned	LAV247	Veracruz	La Venta	Bari #2 (Isla Alor)	Sub-Surface, TP 2, LEVEL 11, 94-180	Fine Paste (Buff)	Body	
Unassigned	SLN202	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C1	Delfina Fine Gray		Fire serpents
Unassigned	SLN205	Oaxaca	Oaxaca	San Jose Mogote	Area A Household Unit C4	Leandro Gray		Raspada excisions and incisions with red pigment
Unassigned	SLN208	Oaxaca	Oaxaca	San Jose Mogote	Tomb 4 Plow Zone	Unclassified		Classic period, MA-IIa, deep complex design
Unassigned	SLN221	Oaxaca	Oaxaca	San Jose Mogote	Mound 1 Fill of Structure 19	Unclassified	Outleaned-wall bowl	La Mina White? possible import from San Lorenzo
Unassigned	SLN237	Oaxaca	Mixteca	Elatongo	Area 2/Str-11/2, 2 West	Unclassified	Shallow plate	Very fine light brown paste
Unassigned	SLN243	Oaxaca	Oaxaca	Abasolo	Zone D2	Unclassified	Outcurved-rim bowl	Fine gray brown
Unassigned	SLN245	Oaxaca	Oaxaca	Abasolo	Feature 8	Unclassified	Flat-bottomed, outleaned-wall bowl	Fine brown-yellow
Unassigned	SLN246	Oaxaca	Oaxaca	Abasolo		Unclassified	Ouleaned-wall bowl	Fine gray
Unassigned	SLN247	Oaxaca	Oaxaca	Abasolo	Zone D2	Unclassified	Outcurved-wall bowl	Fine brown-yellow
Unassigned	SLN249	Oaxaca	Oaxaca	Abasolo	Feature 8	Unclassified	Flat-bottomed, curved-wall bowl, bottle?	Fine Gray, maybe Socorro
Unassigned	SLN250	Oaxaca	Oaxaca	Huitzo	Area A Zone F3	Unclassified	Outleaned-wall bowl	White slip, horizontal incisions
Unassigned	SLN269	Oaxaca	Mixteca	Elatongo	Trench C/Level D	Leandro Gray	Cylindrical bowl	Calzadas Carved design with red paint
Unassigned	SLN275	Oaxaca	Oaxaca	Tierras Largas	Area B Square 3893	Unclassified	Bolsetered rim bowl	Raspada excisions
Unassigned	SLN303	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	C	Open body	
Unassigned	SLN307	Veracruz	San Lorenzo	San Lorenzo	C5-6, I, 20-40 cm	Caama±o	Neck of olla	
Unassigned	SLN314	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 70-90 cm	Caama±o	Bolstered rim tecomate	
Unassigned	SLN317	Veracruz	San Lorenzo	San Lorenzo	C5-6, III, 70-90 cm	?	Olla	
Unassigned	SLN321	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	G	Open body	Colapso de construccion
Unassigned	SLN323	Veracruz	San Lorenzo	San Lorenzo	C5-6, IV, 130-150 cm	Tiburón Blanco	Outleaned wall bowl	Colapso de construccion
Unassigned	SLN330	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 380-400 cm	Peje Micaséo	Bolstered rim tecomate	
Unassigned	SLN335	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 220-240 cm	Pochitoca Pulido	Closed body	Ridge on surface
Unassigned	SLN336	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 180-200 cm	Caama±o	Ceramic Bar	Possible handle
Unassigned	SLN337	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 240-260 cm	Tigrillo	Closed body	#NAME?
Unassigned	SLN338	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 300-320 cm	Saura Negro	Open body	
Unassigned	SLN340	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 340-360 cm	Tigrillo D	Olla	
Unassigned	SLN341	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 220-240 cm	Pasta Cafe/sup. Negra	Hemispherical bowl, bolstered rim	Black floor and organic dirt
Unassigned	SLN343	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 220-240 cm	Garza Pulido	Bolstered rim tecomate	
Unassigned	SLN344	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 180-200 cm	C	Open body	
Unassigned	SLN345	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 400-420 cm	?	Open body	
Unassigned	SLN346	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 180-200 cm	Tiburón Blanco	?	
Unassigned	SLN353	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	?	Tecomate	
Unassigned	SLN356	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	?	Closed body	Polished surfaces, orange stains
Unassigned	SLN363	Veracruz	San Lorenzo	San Lorenzo	C5-6, VI, 460-480 cm	Peje Micaséo	Bolstered rim tecomate	Feature 4
Unassigned	SLN388	Veracruz	San Lorenzo	San Lorenzo	C5-6, VII, 690-750 cm	Peje Micaséo	Closed body	
Unassigned	SLN396	Veracruz	San Lorenzo	San Lorenzo	C5-6, IX, 740-800 cm	Rojo Chipó	Closed body	Light incisions
Unassigned	SLN405	Veracruz	San Lorenzo	San Lorenzo	C5-6, V, 160-180 cm	A	Closed body	
Unassigned	SLN410	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 82-102 cm	C	Outcurved wall bowl	Paste is slightly different from the most common C
Unassigned	SLN413	Veracruz	San Lorenzo	San Lorenzo	Group C, III, 42-62 cm	Peje Micaséo	Closed body	
Unassigned	SLN423	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 97-117 cm	Rojo Chipó	Outleaned wall bowl, bolstered rim	
Unassigned	SLN424	Veracruz	San Lorenzo	San Lorenzo	Group C, III-IV, 97-117 cm	G	Outleaned wall bowl	
Unassigned	SLN426	Veracruz	San Lorenzo	San Lorenzo	Group C, IV-V, 177-197 cm	G	Bolstered rim bowl	
Unassigned	SLN428	Veracruz	San Lorenzo	San Lorenzo	Group C, V-VI, 197-207 cm	Gris Erosionado	Outleaned wall bowl, everted rim	
Unassigned	SLN437	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 442-462 cm	?	Neck of olla	
Unassigned	SLN439	Veracruz	San Lorenzo	San Lorenzo	Group C, VII, 296-316 cm	C	Outcurved, outleaned wall bowl	
Unassigned	SLN442	Veracruz	San Lorenzo	San Lorenzo	Group C, VII, 296-316 cm	Peje Micaséo	Bolstered rim tecomate	
Unassigned	SLN453	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 322-342 cm	Pasta Cafe/Sup. Negra	Outleaned wall bowl	
Unassigned	SLN462	Veracruz	San Lorenzo	San Lorenzo	Group C, VIII, 362-382 cm	Rojo Chipó	Hemispherical bowl	Red paint on interior and exterior, burned on the bottom
Unassigned	SLN465	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 472-492 cm	Peje Micaséo	Bolstered rim tecomate	
Unassigned	SLN466	Veracruz	San Lorenzo	San Lorenzo	Group C, IX, 472-492 cm	?	Cylindrical bowl	Coarse paste with white slip
Unassigned	SLN487	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 556-575 cm	G	Bolstered rim tecomate	
Unassigned	SLN490	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 536-556 cm		Closed body	
Unassigned	SLN494	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 576-596 cm	D	Closed body	
Unassigned	SLN500	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 576-596 cm	?	Cylindrical bowl	Incision beneath rim and excised loop. Unique
Unassigned	SLN502	Veracruz	San Lorenzo	San Lorenzo	Group C, XI, 556-576 cm	Tigrillo Burdo	Hemispherical bowl, bolstered rim	Thick and large. Mancha de arena
Unassigned	SLN504	Veracruz	San Lorenzo	San Lorenzo	Group C, XII, 656-676 cm	G	Tecomate	
Unassigned	SLN516	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 682-702 cm	?	Hemispherical bowl	Incision on lip, fine brown paste, dif. firing, very specular surfaces
Unassigned	SLN517	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 742-762 cm	Nauyaca	Closed body	
Unassigned	SLN533	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Peje Micaséo	Closed body	
Unassigned	SLN534	Veracruz	San Lorenzo	San Lorenzo	Group C, X, 527-547 cm	Tigrillo Burdo	Ouleaned wall bowl	Thick, large
Unassigned	SLN535	Veracruz	San Lorenzo	San Lorenzo	Group C, XIII, 682-702 cm	Naranja Erosionado	Bottle Neck	
Unassigned	SLN538	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim flat bottom bowl	X's, wide rim decorated with incisions
Unassigned	SLN540	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Bolstered rim flat bottom bowl	X's, wide rim decorated with incisions
Unassigned	SLN551	Basin of Mexico	V. Mexico	Tlapacoya		Atoyac Gris Fino	Open body	
Unassigned	SLN570	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Body	Red interior, exterior is more orangey
Unassigned	SLN571	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Flat bottom curved outleaned wal	Red interior and exterior black smudge ma
Unassigned	SLN573	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Incurved wall bowl	Red on both surfaces
Unassigned	SLN574	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Straight vertical walled bowl	Red on both surfaces
Unassigned	SLN576	Basin of Mexico	V. Mexico	Tlapacoya		Puebla Rojo	Body	Both surfaces are red
Unassigned	SLN594	Basin of Mexico	V. Mexico	Tlapacoya		Volcan Pulido	Closed body/with shoulder	Rocker stamped design on the exterior
Unassigned	SLN597	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN598	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco

**Table 1: Chemical group assignments for Olmec and Olmec-related pottery analyzed by INAA at MURR, May 2002.**

Chemical Group	Analytical I.D.	Region	Locale	Site	Provenience	Ceramic Type	Form	Other Description
Unassigned	SLN600	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN601	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN602	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN603	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN604	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN608	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN609	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN619	Basin of Mexico	V. Mexico	Tlapacoya		Tortuga Pulido	Incurved wall bowl	Motivo Tlatilco
Unassigned	SLN655	Basin of Mexico	V. Mexico	Tlapacoya		Anahuac Pulido	Jar?	Unique shape
Unassigned	SLN656	Basin of Mexico	V. Mexico	Tlapacoya		Golfo Gris	Tecomate	
Unassigned	SLN660	Basin of Mexico	V. Mexico	Tlapacoya		Golfo Gris	Closed body?	Nipple on the exterior
Unassigned	SLN661	Basin of Mexico	V. Mexico	Tlapacoya		Golfo Gris	Tecomate	Indentation
Unassigned	SLN790	Chiapas	San Isidro	San Isidro	M-20, 22-C, C-XIII	n/a	Tecomate	Indentation with nipple
Unassigned	SLN797	Chiapas	San Isidro	San Isidro	M-20, 13-A-I	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, No Decoration
Unassigned	SLN807	Chiapas	San Isidro	San Isidro	M-20, 27, C-XIV	n/a	Outleaned, Straight Wall, Bolstered Rim	Bolstered Rim, Vertical Incisions
Unassigned	SLN809	Chiapas	San Isidro	San Isidro	M-20, P-12	n/a	Vertical, Straight Wall, Rim	Incisions
Unassigned	SLN820	Chiapas	San Isidro	San Isidro	M-20, P-15, C-XIV	n/a	Outleaned, Slightly Incurved Wall Rim	Incisions
Unassigned	SLN825	Chiapas	San Isidro	San Isidro	M-20, P-31, C-IX	n/a	Body Sherd	Red Paint in Excisions
Unassigned	SLN829	Chiapas	San Isidro	San Isidro	M-20, P-15, C-XIV	n/a	Tecomate	Incisions
Unassigned	SLN831	Chiapas	San Isidro	San Isidro	M-20, P-5, C-3	n/a	Outleaned, Slightly Incurved, Bolstered Rim	Bolstered Rim, Excisions
Unassigned	SLN882	Chiapas	Tehuantepec	Laguna Zope	JU1-D19	White Slipped	Body Sherd	Red on White, Excisions
Unassigned	SLN883	Chiapas	Tehuantepec	Laguna Zope	JU1-B24	White Slipped	Outleaned, Straight Wall, Rim	Slipped White, Incisions
Unassigned	SLN897	Chiapas	Tehuantepec	Laguna Zope	JU1-D23	White Slipped	Outleaned, Straight Wall, Rim	Slipped White, Incisions
Unassigned	SLN898	Chiapas	Tehuantepec	Laguna Zope	JU1-C46	White Slipped	Outleaned, Slightly Incurved, Wall Rim	White Slipped, Incisions
Unassigned	SLN903	Chiapas	Tehuantepec	Laguna Zope	JU1-E25	Fine Unslipped-White Rimmed	Outleaned, Straight Wall, Rim	White Slipped, Incisions
Unassigned	SLN904	Chiapas	Tehuantepec	Laguna Zope	JU1-E25	n/a	Outleaned, Slightly Outcurved Wall Rim	Fine Black Paste
Unassigned	SLN906	Chiapas	Tehuantepec	Laguna Zope	JU1-D38	Fine Unslipped-White Rimmed	Body Sherd	Diff. Fired
Unassigned	SLN910	Chiapas	Tehuantepec	Laguna Zope	JU1-E25	Fine Paste Burnished Black	Body Sherd	Incisions, Traces of Red Pigment
								Traces of Red Paint Incisions

**Table 2: Multivariate comparison of seven reference groups defined in the Olmec study. Probabilities are based on Mahalanobis distances from the centroid of the reference groups.**

Date: 5/16/02

Variables used are:	AS	LA	LU	ND	SM	U	YB
CE	CO	CR	CS	EU	FE	HF	RB
SC	SR	TA	TB	TH	ZN	ZR	SB
CA	DY	K	MN	NA	TI	V	BA

Probabilities are jackknifed for specimens included in each group.

The following specimens are in the San Lorenzo Group

Probabilities:								From:	Into:
ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
BLM007	33.717	0.000	0.000	0.004	0.000	0.002	0.000	1	1
BLM012	66.098	0.000	0.000	0.004	0.000	0.001	0.000	1	1
BLM013	73.199	0.000	0.000	0.273	0.000	0.000	0.000	1	1
BLM019	87.300	0.000	0.000	0.155	0.000	0.006	0.000	1	1
BLM026	98.191	0.000	0.000	0.151	0.000	0.001	0.000	1	1
BLM027	78.865	0.000	0.000	0.577	0.000	0.041	0.000	1	1
BLM032	22.112	0.000	0.000	2.388	0.000	0.050	0.000	1	1
BLM035	52.982	0.000	0.000	0.002	0.000	0.000	0.000	1	1
BLM039	31.182	0.000	0.000	0.001	0.000	0.001	0.000	1	1
BLM044	16.297	0.000	0.000	0.003	0.000	0.000	0.000	1	1
BLM045	81.332	0.000	0.000	7.448	0.000	0.005	0.000	1	1
BLM046	21.865	0.000	0.000	0.126	0.000	0.000	0.000	1	1
BLM047	2.515	0.000	0.000	0.229	0.000	0.000	0.000	1	1
BLM048	60.214	0.000	0.000	0.113	0.000	0.029	0.000	1	1
BLM049	72.456	0.000	0.000	0.188	0.000	0.000	0.000	1	1
BLM050	47.087	0.000	0.000	0.082	0.000	0.003	0.000	1	1
BLM052	91.014	0.000	0.000	0.030	0.000	0.000	0.000	1	1
BLM053	8.888	0.000	0.000	0.780	0.000	0.000	0.000	1	1
SLN1032	39.667	0.000	0.000	0.713	0.000	0.012	0.000	1	1
SLN210	18.025	0.000	0.000	0.029	0.000	0.032	0.000	1	1
SLN213	11.648	0.000	0.001	0.522	0.000	0.000	0.000	1	1
SLN238	91.712	0.000	0.000	2.852	0.000	0.002	0.000	1	1
SLN241	4.440	0.000	0.000	0.049	0.000	0.000	0.000	1	1
SLN258	28.170	0.000	0.000	0.240	0.000	0.001	0.000	1	1
SLN259	87.075	0.000	0.000	0.036	0.000	0.009	0.000	1	1
SLN263	98.338	0.000	0.000	0.034	0.000	0.002	0.000	1	1
SLN265	94.509	0.000	0.000	0.002	0.000	0.002	0.000	1	1
SLN270	43.802	0.000	0.000	0.028	0.000	0.000	0.000	1	1
SLN271	46.754	0.000	0.000	0.102	0.000	0.002	0.000	1	1
SLN273	18.851	0.000	0.000	0.716	0.000	0.001	0.000	1	1
SLN284	68.243	0.000	0.000	0.238	0.000	0.038	0.000	1	1
SLN287	8.900	0.000	0.001	1.048	0.000	0.000	0.000	1	1
SLN300	1.440	0.000	0.000	0.129	0.000	0.000	0.000	1	1
SLN301	3.892	0.000	0.000	0.000	0.000	0.000	0.000	1	1
SLN302	99.767	0.000	0.000	0.758	0.000	0.011	0.000	1	1
SLN304	0.575	0.000	0.001	0.000	0.000	0.000	0.000	1	1
SLN305	61.902	0.000	0.000	0.047	0.000	0.001	0.000	1	1
SLN306	11.952	0.000	0.000	0.003	0.000	0.000	0.000	1	1
SLN308	89.073	0.000	0.000	1.080	0.000	0.002	0.000	1	1
SLN309	82.764	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN310	69.003	0.000	0.000	0.039	0.000	0.000	0.000	1	1
SLN311	7.546	0.000	0.000	0.138	0.000	0.000	0.000	1	1
SLN312	39.596	0.000	0.000	0.067	0.000	0.000	0.000	1	1
SLN313	48.872	0.000	0.000	0.038	0.000	0.000	0.000	1	1
SLN315	11.909	0.000	0.000	0.312	0.000	0.000	0.000	1	1
SLN316	5.776	0.000	0.000	0.856	0.000	0.000	0.000	1	1
SLN318	7.269	0.000	0.000	0.003	0.000	0.000	0.000	1	1
SLN319	23.332	0.000	0.000	0.128	0.000	0.000	0.000	1	1
SLN320	64.544	0.000	0.000	0.060	0.000	0.001	0.000	1	1
SLN322	18.656	0.000	0.000	0.000	0.000	0.000	0.000	1	1
SLN324	1.670	0.000	0.000	0.008	0.000	0.000	0.000	1	1
SLN325	94.637	0.000	0.000	0.436	0.000	0.003	0.000	1	1
SLN326	3.699	0.000	0.000	0.064	0.000	0.000	0.000	1	1

SLN327	2.783	0.000	0.000	0.033	0.000	0.000	0.000	1	1
SLN329	99.979	0.000	0.000	3.875	0.000	0.000	0.000	1	1
SLN331	90.822	0.000	0.000	13.690	0.000	0.000	0.000	1	1
SLN332	61.785	0.000	0.000	0.010	0.000	0.000	0.000	1	1
SLN333	15.539	0.000	0.000	0.002	0.000	0.000	0.000	1	1
SLN334	25.623	0.000	0.000	0.879	0.000	0.010	0.000	1	1
SLN339	83.934	0.000	0.000	0.098	0.000	0.002	0.000	1	1
SLN342	2.960	0.000	0.000	0.008	0.000	0.000	0.000	1	1
SLN347	28.992	0.000	0.000	0.308	0.000	0.006	0.000	1	1
SLN348	5.109	0.000	0.000	0.006	0.000	0.000	0.000	1	1
SLN349	84.263	0.000	0.000	0.034	0.000	0.001	0.000	1	1
SLN350	23.640	0.000	0.000	0.256	0.000	0.000	0.000	1	1
SLN351	87.866	0.000	0.000	3.477	0.000	0.014	0.000	1	1
SLN352	95.500	0.000	0.000	0.063	0.000	0.000	0.000	1	1
SLN354	22.498	0.000	0.000	0.035	0.000	0.001	0.000	1	1
SLN355	29.803	0.000	0.000	0.007	0.000	0.000	0.000	1	1
SLN359	84.451	0.000	0.000	0.872	0.000	0.003	0.000	1	1
SLN360	92.952	0.000	0.000	0.022	0.000	0.001	0.000	1	1
SLN363	53.015	0.000	0.000	0.002	0.000	0.035	0.000	1	1
SLN366	97.388	0.000	0.000	1.437	0.000	0.002	0.000	1	1
SLN367	89.532	0.000	0.000	0.006	0.000	0.000	0.000	1	1
SLN368	2.764	0.000	0.000	0.710	0.000	0.026	0.000	1	1
SLN369	48.623	0.000	0.000	0.055	0.000	0.006	0.000	1	1
SLN370	96.632	0.000	0.000	0.715	0.000	0.018	0.000	1	1
SLN371	99.536	0.000	0.000	0.825	0.000	0.003	0.000	1	1
SLN372	6.013	0.000	0.000	0.000	0.000	0.000	0.000	1	1
SLN373	9.103	0.000	0.000	0.483	0.000	0.000	0.000	1	1
SLN374	7.984	0.000	0.000	0.001	0.000	0.004	0.000	1	1
SLN375	99.955	0.000	0.000	0.576	0.000	0.007	0.000	1	1
SLN376	97.945	0.000	0.000	0.093	0.000	0.007	0.000	1	1
SLN377	41.097	0.000	0.000	0.706	0.000	0.001	0.000	1	1
SLN378	41.060	0.000	0.000	0.041	0.000	0.000	0.000	1	1
SLN379	83.739	0.000	0.000	0.700	0.000	0.001	0.000	1	1
SLN380	98.653	0.000	0.000	0.327	0.000	0.001	0.000	1	1
SLN381	99.579	0.000	0.000	4.697	0.000	0.005	0.000	1	1
SLN382	79.431	0.000	0.000	0.002	0.000	0.000	0.000	1	1
SLN384	85.828	0.000	0.000	1.472	0.000	0.025	0.000	1	1
SLN385	99.367	0.000	0.000	0.301	0.000	0.001	0.000	1	1
SLN386	99.666	0.000	0.000	1.216	0.000	0.003	0.000	1	1
SLN387	1.503	0.000	0.000	0.001	0.000	0.012	0.000	1	1
SLN389	98.870	0.000	0.000	0.296	0.000	0.000	0.000	1	1
SLN391	76.334	0.000	0.000	1.161	0.000	0.169	0.000	1	1
SLN392	23.997	0.000	0.000	0.004	0.000	0.005	0.000	1	1
SLN393	28.505	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN394	39.708	0.000	0.000	0.128	0.000	5.075	0.000	1	1
SLN395	76.816	0.000	0.000	0.013	0.000	0.002	0.000	1	1
SLN397	69.975	0.000	0.000	0.072	0.000	0.002	0.000	1	1
SLN398	93.990	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN399	94.303	0.000	0.000	1.467	0.000	0.005	0.000	1	1
SLN400	2.014	0.000	0.000	0.001	0.000	0.000	0.000	1	1
SLN403	77.784	0.000	0.000	0.088	0.000	0.002	0.000	1	1
SLN404	44.895	0.000	0.000	0.039	0.000	0.000	0.000	1	1
SLN406	86.345	0.000	0.000	7.665	0.000	0.001	0.000	1	1
SLN411	94.729	0.000	0.000	0.009	0.000	0.000	0.000	1	1
SLN412	2.788	0.000	0.002	0.002	0.000	0.000	0.000	1	1
SLN414	68.238	0.000	0.000	0.314	0.000	0.001	0.000	1	1
SLN415	64.822	0.000	0.000	0.006	0.000	0.000	0.000	1	1
SLN416	38.973	0.000	0.000	0.067	0.000	0.003	0.000	1	1
SLN417	2.842	0.000	0.000	0.047	0.000	0.000	0.000	1	1
SLN418	49.859	0.000	0.000	0.036	0.000	0.007	0.000	1	1
SLN419	53.245	0.000	0.000	0.040	0.000	0.003	0.000	1	1
SLN420	19.590	0.000	0.000	0.023	0.000	0.000	0.000	1	1
SLN421	32.997	0.000	0.000	0.001	0.000	0.000	0.000	1	1
SLN422	25.594	0.000	0.001	0.001	0.000	0.000	0.000	1	1
SLN425	66.466	0.000	0.000	0.014	0.000	0.000	0.000	1	1
SLN427	2.971	0.000	0.000	0.054	0.000	0.000	0.000	1	1
SLN429	13.274	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN430	95.165	0.000	0.000	0.744	0.000	0.000	0.000	1	1
SLN431	78.263	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN432	49.649	0.000	0.000	6.741	0.000	0.003	0.000	1	1
SLN433	1.941	0.000	0.000	0.022	0.000	0.000	0.000	1	1

SLN434	13.198	0.000	0.000	0.000	0.000	0.000	0.000	1	1
SLN436	95.556	0.000	0.000	0.073	0.000	0.001	0.000	1	1
SLN438	45.603	0.000	0.000	0.074	0.000	0.000	0.000	1	1
SLN440	43.196	0.000	0.002	0.002	0.000	0.000	0.000	1	1
SLN441	63.573	0.000	0.000	0.180	0.000	0.000	0.000	1	1
SLN444	98.288	0.000	0.000	0.021	0.000	0.003	0.000	1	1
SLN445	75.216	0.000	0.000	0.164	0.000	0.000	0.000	1	1
SLN446	32.876	0.000	0.000	0.008	0.000	0.001	0.000	1	1
SLN447	2.126	0.000	0.000	0.013	0.000	0.002	0.000	1	1
SLN448	4.893	0.000	0.000	2.228	0.000	0.005	0.000	1	1
SLN449	75.595	0.000	0.000	0.284	0.000	0.010	0.000	1	1
SLN451	72.332	0.000	0.000	0.062	0.000	0.002	0.000	1	1
SLN452	4.966	0.000	0.000	0.011	0.000	0.002	0.000	1	1
SLN454	24.024	0.000	0.000	0.020	0.000	0.000	0.000	1	1
SLN455	68.010	0.000	0.000	0.068	0.000	0.000	0.000	1	1
SLN456	59.754	0.000	0.000	0.016	0.000	0.000	0.000	1	1
SLN457	38.367	0.000	0.000	0.256	0.000	0.042	0.000	1	1
SLN458	55.523	0.000	0.000	0.003	0.000	0.000	0.000	1	1
SLN459	89.576	0.000	0.000	0.084	0.000	0.001	0.000	1	1
SLN461	18.848	0.000	0.000	0.007	0.000	0.000	0.000	1	1
SLN463	8.481	0.000	0.000	0.023	0.000	0.008	0.000	1	1
SLN467	37.835	0.000	0.000	0.253	0.000	0.000	0.000	1	1
SLN468	13.220	0.000	0.000	0.231	0.000	0.001	0.000	1	1
SLN469	2.113	0.000	0.000	0.039	0.000	0.000	0.000	1	1
SLN470	28.551	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN471	2.243	0.000	0.000	0.226	0.000	0.000	0.000	1	1
SLN472	70.949	0.000	0.000	0.000	0.000	0.000	0.000	1	1
SLN474	3.641	0.000	0.000	0.055	0.000	0.000	0.000	1	1
SLN476	99.946	0.000	0.000	1.756	0.000	0.003	0.000	1	1
SLN477	10.331	0.000	0.000	0.012	0.000	0.000	0.000	1	1
SLN478	78.043	0.000	0.000	0.129	0.000	0.001	0.000	1	1
SLN479	99.446	0.000	0.000	0.044	0.000	0.004	0.000	1	1
SLN480	89.286	0.000	0.000	0.554	0.000	0.001	0.000	1	1
SLN481	70.750	0.000	0.000	0.126	0.000	0.009	0.000	1	1
SLN482	8.856	0.000	0.000	0.177	0.000	0.000	0.000	1	1
SLN483	60.194	0.000	0.000	2.228	0.000	0.002	0.000	1	1
SLN484	93.235	0.000	0.000	0.856	0.000	0.004	0.000	1	1
SLN485	14.198	0.000	0.000	0.311	0.000	0.002	0.000	1	1
SLN486	64.631	0.000	0.000	0.012	0.000	0.000	0.000	1	1
SLN488	92.622	0.000	0.000	0.530	0.000	0.003	0.000	1	1
SLN489	34.934	0.000	0.000	0.018	0.000	0.000	0.000	1	1
SLN491	99.627	0.000	0.000	0.166	0.000	0.001	0.000	1	1
SLN492	96.714	0.000	0.000	3.996	0.000	0.001	0.000	1	1
SLN493	60.487	0.000	0.000	2.332	0.000	0.001	0.000	1	1
SLN495	66.077	0.000	0.000	1.102	0.000	0.003	0.000	1	1
SLN496	21.158	0.000	0.000	0.089	0.000	0.000	0.000	1	1
SLN498	99.350	0.000	0.000	1.277	0.000	0.003	0.000	1	1
SLN499	86.101	0.000	0.000	0.233	0.000	0.000	0.000	1	1
SLN501	75.482	0.000	0.000	0.033	0.000	0.000	0.000	1	1
SLN505	11.603	0.000	0.000	1.051	0.000	0.002	0.000	1	1
SLN506	46.622	0.000	0.000	0.648	0.000	0.001	0.000	1	1
SLN507	10.312	0.000	0.000	3.913	0.000	0.002	0.000	1	1
SLN508	73.163	0.000	0.000	0.859	0.000	0.004	0.000	1	1
SLN509	64.973	0.000	0.000	0.732	0.000	0.000	0.000	1	1
SLN510	91.182	0.000	0.000	20.521	0.000	0.004	0.000	1	1
SLN511	76.340	0.000	0.000	1.289	0.000	0.004	0.000	1	1
SLN512	97.735	0.000	0.000	0.595	0.000	0.006	0.000	1	1
SLN513	67.982	0.000	0.000	29.486	0.000	0.000	0.000	1	1
SLN514	12.838	0.000	0.000	0.305	0.000	0.004	0.000	1	1
SLN515	74.772	0.000	0.000	1.549	0.000	0.002	0.000	1	1
SLN518	45.411	0.000	0.000	0.249	0.000	0.011	0.000	1	1
SLN520	80.458	0.000	0.000	0.048	0.000	0.000	0.000	1	1
SLN521	23.552	0.000	0.000	0.460	0.000	0.687	0.000	1	1
SLN522	15.629	0.000	0.000	1.568	0.000	0.000	0.000	1	1
SLN523	79.007	0.000	0.000	0.158	0.000	0.000	0.000	1	1
SLN524	98.906	0.000	0.000	0.535	0.000	0.002	0.000	1	1
SLN525	91.090	0.000	0.000	0.076	0.000	0.002	0.000	1	1
SLN526	67.699	0.000	0.000	3.654	0.000	0.002	0.000	1	1
SLN527	13.418	0.000	0.000	1.904	0.000	0.007	0.000	1	1
SLN530	86.256	0.000	0.000	0.060	0.000	0.000	0.000	1	1
SLN531	14.016	0.000	0.000	0.069	0.000	0.006	0.000	1	1

SLN532	56.521	0.000	0.000	0.002	0.000	0.000	0.000	1	1
SLN536	79.740	0.000	0.000	0.657	0.000	0.022	0.000	1	1
SLN541	30.345	0.000	0.000	0.222	0.000	0.004	0.000	1	1
SLN548	49.453	0.000	0.000	0.004	0.000	0.000	0.000	1	1
SLN549	95.281	0.000	0.000	0.015	0.000	0.002	0.000	1	1
SLN553	63.242	0.000	0.000	0.042	0.000	0.002	0.000	1	1
SLN557	66.830	0.000	0.000	0.120	0.000	0.008	0.000	1	1
SLN558	58.071	0.000	0.000	0.818	0.000	0.000	0.000	1	1
SLN559	37.289	0.000	0.000	0.025	0.000	0.000	0.000	1	1
SLN560	36.592	0.000	0.000	0.002	0.000	0.000	0.000	1	1
SLN561	53.784	0.000	0.000	0.009	0.000	0.000	0.000	1	1
SLN562	46.478	0.000	0.000	2.667	0.000	0.000	0.000	1	1
SLN658	32.634	0.000	0.000	0.031	0.000	0.001	0.000	1	1
SLN659	42.928	0.000	0.000	0.062	0.000	0.004	0.000	1	1
SLN662	88.805	0.000	0.000	0.093	0.000	0.006	0.000	1	1
SLN664	12.100	0.000	0.000	0.043	0.000	0.004	0.000	1	1
SLN674	76.095	0.000	0.000	0.007	0.000	0.060	0.000	1	1
SLN709	16.486	0.000	0.000	0.592	0.000	0.007	0.000	1	1
SLN710	6.970	0.000	0.000	0.043	0.000	0.647	0.000	1	1
SLN711	76.271	0.000	0.000	0.574	0.000	0.002	0.000	1	1
SLN713	4.159	0.000	0.000	0.000	0.000	0.010	0.000	1	1
SLN714	6.058	0.000	0.000	0.030	0.000	0.003	0.000	1	1
SLN727	1.180	0.000	0.000	0.003	0.000	0.026	0.000	1	1
SLN741	14.353	0.000	0.000	0.002	0.000	0.048	0.000	1	1
SLN742	1.689	0.000	0.000	0.017	0.000	0.001	0.000	1	1
SLN749	92.791	0.000	0.000	0.083	0.000	0.003	0.000	1	1
SLN752	28.552	0.000	0.000	0.139	0.000	0.002	0.000	1	1
SLN822	17.223	0.000	0.000	9.213	0.000	0.000	0.000	1	1
SLN909	34.465	0.000	0.000	0.001	0.000	0.000	0.000	1	1
SLN911	5.642	0.000	0.000	0.003	0.000	0.000	0.000	1	1
SLN912	45.014	0.000	0.000	0.003	0.000	0.000	0.000	1	1
SLN964	45.157	0.000	0.000	1.195	0.000	0.026	0.000	1	1
SLN998	6.867	0.000	0.000	0.059	0.000	0.005	0.000	1	1

The following specimens are in the Mazatan Group  
Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	From:	Into:
SLN1000	0.000	46.547	0.000	0.000	0.000	0.000	0.000	2	2
SLN1001	0.000	92.108	0.000	0.000	0.000	0.000	0.000	2	2
SLN1002	0.000	40.761	0.000	0.000	0.000	0.000	0.000	2	2
SLN1003	0.000	92.110	0.000	0.002	0.000	0.000	0.000	2	2
SLN1004	0.000	55.147	0.000	0.000	0.000	0.000	0.000	2	2
SLN1005	0.000	96.237	0.000	0.001	0.000	0.000	0.000	2	2
SLN1007	0.000	97.091	0.000	0.000	0.000	0.000	0.000	2	2
SLN1008	0.000	96.881	0.000	0.000	0.000	0.000	0.000	2	2
SLN1009	0.000	91.348	0.000	0.002	0.000	0.000	0.000	2	2
SLN1010	0.000	83.017	0.000	0.000	0.000	0.000	0.000	2	2
SLN1011	0.000	2.901	0.000	0.000	0.000	0.000	0.000	2	2
SLN1013	0.000	98.261	0.000	0.000	0.000	0.000	0.000	2	2
SLN1014	0.000	98.563	0.000	0.000	0.000	0.000	0.000	2	2
SLN1016	0.000	19.602	0.000	0.000	0.000	0.000	0.000	2	2
SLN1017	0.000	99.404	0.000	0.002	0.000	0.000	0.000	2	2
SLN1018	0.000	98.275	0.000	0.000	0.000	0.000	0.000	2	2
SLN1019	0.000	87.990	0.000	0.001	0.000	0.000	0.000	2	2
SLN1020	0.000	63.280	0.000	0.002	0.000	0.000	0.000	2	2
SLN1021	0.000	99.938	0.000	0.000	0.000	0.000	0.000	2	2
SLN1022	0.000	97.795	0.000	0.001	0.000	0.000	0.000	2	2
SLN1023	0.000	11.928	0.000	0.005	0.000	0.000	0.000	2	2
SLN1024	0.000	54.847	0.000	0.000	0.000	0.000	0.000	2	2
SLN1025	0.000	90.004	0.000	0.001	0.000	0.000	0.000	2	2
SLN1026	0.000	85.205	0.000	0.000	0.000	0.000	0.000	2	2
SLN1027	0.000	71.415	0.000	0.002	0.000	0.000	0.000	2	2
SLN1029	0.000	94.715	0.000	0.000	0.000	0.000	0.000	2	2
SLN1031	0.000	20.275	0.000	0.082	0.000	0.000	0.000	2	2
SLN1033	0.000	23.733	0.000	0.000	0.000	0.000	0.000	2	2
SLN1034	0.000	76.828	0.000	0.000	0.000	0.000	0.000	2	2
SLN1035	0.000	46.690	0.000	0.000	0.000	0.000	0.000	2	2
SLN1036	0.000	79.525	0.000	0.002	0.000	0.000	0.000	2	2
SLN1039	0.000	8.110	0.000	0.000	0.000	0.000	0.000	2	2
SLN1041	0.000	47.751	0.000	0.001	0.000	0.000	0.000	2	2
SLN1043	0.000	56.892	0.000	0.000	0.000	0.000	0.000	2	2



SLN1045	0.000	91.008	0.000	0.000	0.000	0.000	0.000	2	2
SLN1047	0.000	92.860	0.000	0.000	0.000	0.000	0.000	2	2
SLN1048	0.000	28.602	0.000	0.002	0.000	0.000	0.000	2	2
SLN1049	0.000	59.360	0.000	0.000	0.000	0.000	0.000	2	2
SLN1050	0.000	32.694	0.000	0.000	0.000	0.000	0.000	2	2
SLN1051	0.000	27.792	0.000	0.000	0.000	0.000	0.000	2	2
SLN1052	0.000	66.985	0.000	0.001	0.000	0.000	0.000	2	2
SLN1053	0.000	62.722	0.000	0.001	0.000	0.000	0.000	2	2
SLN1055	0.000	56.954	0.000	0.000	0.000	0.000	0.000	2	2
SLN1056	0.000	18.206	0.000	0.000	0.000	0.000	0.000	2	2
SLN1057	0.000	7.902	0.000	0.002	0.000	0.000	0.000	2	2
SLN1058	0.000	96.702	0.000	0.002	0.000	0.000	0.000	2	2
SLN1059	0.000	61.417	0.000	0.000	0.000	0.000	0.000	2	2
SLN1061	0.000	16.087	0.000	0.000	0.000	0.000	0.000	2	2
SLN1062	0.000	90.293	0.000	0.011	0.000	0.000	0.000	2	2
SLN1063	0.000	17.773	0.000	0.000	0.000	0.000	0.000	2	2
SLN1065	0.000	1.152	0.000	0.000	0.000	0.000	0.000	2	2
SLN1077	0.000	35.248	0.000	0.000	0.000	0.000	0.000	2	2
SLN1078	0.000	7.032	0.000	0.003	0.000	0.000	0.000	2	2
SLN663	0.000	72.123	0.000	0.001	0.000	0.000	0.000	2	2
SLN666	0.000	38.525	0.000	0.001	0.000	0.000	0.000	2	2
SLN667	0.000	70.843	0.000	0.001	0.000	0.000	0.000	2	2
SLN668	0.000	93.004	0.000	0.001	0.000	0.000	0.000	2	2
SLN669	0.000	48.205	0.000	0.000	0.000	0.000	0.000	2	2
SLN672	0.000	16.617	0.000	0.000	0.000	0.000	0.000	2	2
SLN675	0.000	32.103	0.000	0.000	0.000	0.000	0.000	2	2
SLN676	0.000	60.543	0.000	0.000	0.000	0.000	0.000	2	2
SLN678	0.000	40.946	0.000	0.001	0.000	0.000	0.000	2	2
SLN679	0.000	9.074	0.000	0.001	0.000	0.000	0.000	2	2
SLN680	0.000	89.972	0.000	0.000	0.000	0.000	0.000	2	2
SLN681	0.000	7.065	0.000	0.000	0.000	0.000	0.000	2	2
SLN682	0.000	27.109	0.000	0.003	0.000	0.000	0.000	2	2
SLN683	0.000	24.504	0.000	0.000	0.000	0.000	0.000	2	2
SLN684	0.000	37.742	0.000	0.001	0.000	0.000	0.000	2	2
SLN685	0.000	76.941	0.000	0.000	0.000	0.000	0.000	2	2
SLN686	0.000	30.120	0.000	0.003	0.000	0.000	0.000	2	2
SLN687	0.000	84.923	0.000	0.000	0.000	0.000	0.000	2	2
SLN688	0.000	94.819	0.000	0.000	0.000	0.000	0.000	2	2
SLN690	0.000	98.349	0.000	0.000	0.000	0.000	0.000	2	2
SLN691	0.000	87.504	0.000	0.000	0.000	0.000	0.000	2	2
SLN692	0.000	5.486	0.000	0.000	0.000	0.000	0.000	2	2
SLN693	0.000	6.662	0.000	0.000	0.000	0.000	0.000	2	2
SLN695	0.000	1.787	0.000	0.002	0.000	0.000	0.000	2	2
SLN697	0.000	28.488	0.000	0.000	0.000	0.000	0.000	2	2
SLN699	0.000	16.399	0.000	0.000	0.000	0.000	0.000	2	2
SLN708	0.000	5.850	0.000	0.000	0.000	0.000	0.000	2	2
SLN712	0.000	87.152	0.000	0.000	0.000	0.000	0.000	2	2
SLN715	0.000	48.844	0.000	0.000	0.000	0.000	0.000	2	2
SLN717	0.000	2.990	0.000	0.002	0.000	0.000	0.000	2	2
SLN718	0.000	18.294	0.000	0.000	0.000	0.000	0.000	2	2
SLN719	0.000	77.062	0.000	0.000	0.000	0.000	0.000	2	2
SLN720	0.000	39.037	0.000	0.000	0.000	0.000	0.000	2	2
SLN721	0.000	75.361	0.000	0.001	0.000	0.000	0.000	2	2
SLN722	0.000	63.765	0.000	0.002	0.000	0.000	0.000	2	2
SLN723	0.000	18.413	0.000	0.000	0.000	0.000	0.000	2	2
SLN725	0.000	4.863	0.000	0.001	0.000	0.000	0.000	2	2
SLN726	0.000	33.077	0.000	0.000	0.000	0.000	0.000	2	2
SLN729	0.000	32.412	0.000	0.003	0.000	0.000	0.000	2	2
SLN730	0.000	99.850	0.000	0.001	0.000	0.000	0.000	2	2
SLN732	0.000	99.396	0.000	0.000	0.000	0.000	0.000	2	2
SLN733	0.000	30.929	0.000	0.000	0.000	0.000	0.000	2	2
SLN734	0.000	51.333	0.000	0.000	0.000	0.000	0.000	2	2
SLN736	0.000	5.644	0.000	0.000	0.000	0.000	0.000	2	2
SLN737	0.000	43.035	0.000	0.000	0.000	0.000	0.000	2	2
SLN738	0.000	5.097	0.000	0.000	0.000	0.000	0.000	2	2
SLN739	0.000	22.643	0.000	0.000	0.000	0.000	0.000	2	2
SLN740	0.000	1.268	0.000	0.000	0.000	0.000	0.000	2	2
SLN743	0.000	13.549	0.000	0.000	0.000	0.000	0.000	2	2
SLN744	0.000	53.212	0.000	0.000	0.000	0.000	0.000	2	2
SLN745	0.000	81.685	0.000	0.000	0.000	0.000	0.000	2	2
SLN746	0.000	87.813	0.000	0.001	0.000	0.000	0.000	2	2

SLN747	0.000	67.605	0.000	0.000	0.000	0.000	0.000	2	2
SLN748	0.000	42.663	0.000	0.000	0.000	0.000	0.000	2	2
SLN750	0.000	14.115	0.000	0.003	0.000	0.000	0.000	2	2
SLN751	0.000	2.735	0.000	0.000	0.000	0.000	0.000	2	2
SLN755	0.000	93.928	0.000	0.000	0.000	0.000	0.000	2	2
SLN756	0.000	65.534	0.000	0.000	0.000	0.000	0.000	2	2
SLN757	0.000	12.481	0.000	0.000	0.000	0.000	0.000	2	2
SLN758	0.000	81.432	0.000	0.000	0.000	0.000	0.000	2	2
SLN759	0.000	22.619	0.000	0.000	0.000	0.000	0.000	2	2
SLN760	0.000	29.632	0.000	0.000	0.000	0.000	0.000	2	2
SLN761	0.000	42.974	0.000	0.000	0.000	0.000	0.000	2	2
SLN763	0.000	40.041	0.000	0.000	0.000	0.000	0.000	2	2
SLN764	0.000	27.504	0.000	0.000	0.000	0.000	0.000	2	2
SLN765	0.000	95.553	0.000	0.000	0.000	0.000	0.000	2	2
SLN766	0.000	12.837	0.000	0.000	0.000	0.000	0.000	2	2
SLN767	0.000	13.151	0.000	0.000	0.000	0.000	0.000	2	2
SLN768	0.000	9.320	0.000	0.004	0.000	0.000	0.000	2	2
SLN770	0.000	61.387	0.000	0.000	0.000	0.000	0.000	2	2
SLN771	0.000	36.657	0.000	0.000	0.000	0.000	0.000	2	2
SLN772	0.000	3.995	0.000	0.000	0.000	0.000	0.000	2	2
SLN773	0.000	22.097	0.000	0.003	0.000	0.000	0.000	2	2
SLN774	0.000	22.126	0.000	0.000	0.000	0.000	0.000	2	2
SLN775	0.000	33.634	0.000	0.001	0.000	0.000	0.000	2	2
SLN776	0.000	95.439	0.000	0.002	0.000	0.000	0.000	2	2
SLN777	0.000	86.798	0.000	0.000	0.000	0.000	0.000	2	2
SLN778	0.000	41.794	0.000	0.001	0.000	0.000	0.000	2	2
SLN780	0.000	79.318	0.000	0.000	0.000	0.000	0.000	2	2
SLN938	0.000	27.432	0.000	0.000	0.000	0.000	0.000	2	2
SLN939	0.000	1.159	0.000	0.000	0.000	0.000	0.000	2	2
SLN940	0.000	48.520	0.000	0.001	0.000	0.000	0.000	2	2
SLN944	0.000	13.391	0.000	0.000	0.000	0.000	0.000	2	2
SLN945	0.000	34.354	0.000	0.000	0.000	0.000	0.000	2	2
SLN954	0.000	34.197	0.000	0.000	0.000	0.000	0.000	2	2
SLN955	0.000	22.921	0.000	0.000	0.000	0.000	0.000	2	2
SLN958	0.000	15.381	0.000	0.000	0.000	0.000	0.000	2	2
SLN959	0.000	6.725	0.000	0.000	0.000	0.000	0.000	2	2
SLN960	0.000	86.125	0.000	0.000	0.000	0.000	0.000	2	2
SLN962	0.000	57.484	0.000	0.002	0.000	0.000	0.000	2	2
SLN966	0.000	82.404	0.000	0.000	0.000	0.000	0.000	2	2
SLN968	0.000	63.736	0.000	0.000	0.000	0.000	0.000	2	2
SLN969	0.000	21.187	0.000	0.003	0.000	0.000	0.000	2	2
SLN970	0.000	64.712	0.000	0.001	0.000	0.000	0.000	2	2
SLN971	0.000	92.748	0.000	0.000	0.000	0.000	0.000	2	2
SLN973	0.000	34.391	0.000	0.000	0.000	0.000	0.000	2	2
SLN974	0.000	12.725	0.000	0.000	0.000	0.000	0.000	2	2
SLN976	0.000	22.525	0.000	0.000	0.000	0.000	0.000	2	2
SLN977	0.000	93.786	0.000	0.002	0.000	0.000	0.000	2	2
SLN978	0.000	9.226	0.000	0.000	0.000	0.000	0.000	2	2
SLN979	0.000	49.839	0.000	0.002	0.000	0.000	0.000	2	2
SLN981	0.000	53.339	0.000	0.000	0.000	0.000	0.000	2	2
SLN982	0.000	98.341	0.000	0.002	0.000	0.000	0.000	2	2
SLN983	0.000	13.525	0.000	0.000	0.000	0.000	0.000	2	2
SLN984	0.000	25.721	0.000	0.000	0.000	0.000	0.000	2	2
SLN985	0.000	22.300	0.000	0.000	0.000	0.000	0.000	2	2
SLN986	0.000	79.591	0.000	0.001	0.000	0.000	0.000	2	2
SLN988	0.000	52.415	0.000	0.000	0.000	0.000	0.000	2	2
SLN989	0.000	3.484	0.000	0.000	0.000	0.000	0.000	2	2
SLN991	0.000	44.770	0.000	0.007	0.000	0.000	0.000	2	2
SLN992	0.000	74.260	0.000	0.000	0.000	0.000	0.000	2	2
SLN995	0.000	90.997	0.000	0.000	0.000	0.000	0.000	2	2
SLN996	0.000	82.953	0.000	0.000	0.000	0.000	0.000	2	2
SLN997	0.000	39.687	0.000	0.004	0.000	0.000	0.000	2	2

The following specimens are in the La Venta Group

Probabilities:								From:	Into:
ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
LAV074	0.000	0.000	9.475	0.111	0.000	0.000	0.000	3	3
LAV078	0.000	0.000	54.379	0.000	0.000	0.000	0.000	3	3
LAV081	0.000	0.000	81.426	0.026	0.000	0.000	0.000	3	3
LAV087	0.000	0.000	22.789	0.000	0.000	0.000	0.000	3	3
LAV088	0.000	0.000	51.591	0.000	0.000	0.000	0.000	3	3

LAV089	0.000	0.000	12.718	0.000	0.000	0.000	0.000	3	3
LAV090	0.000	0.000	96.675	0.000	0.000	0.000	0.000	3	3
LAV091	0.000	0.000	64.284	0.007	0.000	0.000	0.000	3	3
LAV094	0.000	0.000	43.861	0.000	0.000	0.000	0.000	3	3
LAV099	0.000	0.000	39.539	0.008	0.000	0.000	0.000	3	3
LAV101	0.000	0.000	11.948	0.005	0.000	0.000	0.000	3	3
LAV103	0.000	0.000	1.273	0.025	0.000	0.000	0.000	3	3
LAV105	0.000	0.000	2.062	0.003	0.000	0.000	0.000	3	3
LAV106	0.000	0.000	16.523	0.000	0.000	0.000	0.000	3	3
LAV108	0.000	0.000	77.951	0.000	0.000	0.000	0.000	3	3
LAV109	0.000	0.000	3.685	0.000	0.000	0.000	0.000	3	3
LAV111	0.000	0.000	77.802	0.000	0.000	0.000	0.000	3	3
LAV113	0.000	0.000	43.751	0.000	0.000	0.000	0.000	3	3
LAV114	0.000	0.000	5.109	0.000	0.000	0.000	0.000	3	3
LAV115	0.000	0.000	2.776	0.000	0.000	0.000	0.000	3	3
LAV120	0.000	0.000	14.174	0.000	0.000	0.000	0.000	3	3
LAV121	0.000	0.000	66.745	0.001	0.000	0.000	0.000	3	3
LAV123	0.000	0.000	40.061	0.917	0.000	0.000	0.000	3	3
LAV124	1.986	0.000	20.136	0.013	0.000	0.000	0.000	3	3
LAV125	0.002	0.000	38.818	0.433	0.000	0.000	0.000	3	3
LAV126	0.012	0.000	2.830	0.010	0.000	0.000	0.000	3	3
LAV127	0.000	0.000	88.270	0.295	0.000	0.000	0.000	3	3
LAV129	0.000	0.000	85.669	0.156	0.000	0.000	0.000	3	3
LAV130	0.000	0.000	83.995	0.013	0.000	0.000	0.000	3	3
LAV132	0.000	0.000	90.506	5.718	0.000	0.000	0.000	3	3
LAV134	0.000	0.000	41.825	1.921	0.000	0.000	0.000	3	3
LAV135	0.000	0.000	88.395	3.513	0.000	0.000	0.000	3	3
LAV136	0.000	0.000	82.011	9.433	0.000	0.000	0.000	3	3
LAV138	0.000	0.000	75.278	0.000	0.000	0.000	0.000	3	3
LAV139	0.000	0.000	83.267	2.143	0.000	0.000	0.000	3	3
LAV141	0.000	0.000	93.726	0.000	0.000	0.000	0.000	3	3
LAV142	0.000	0.000	49.285	8.247	0.000	0.000	0.000	3	3
LAV143	0.000	0.000	99.311	10.252	0.000	0.000	0.000	3	3
LAV144	0.000	0.000	10.217	1.573	0.000	0.000	0.000	3	3
LAV145	0.000	0.000	12.195	0.041	0.000	0.000	0.000	3	3
LAV146	0.000	0.000	17.963	0.106	0.000	0.000	0.000	3	3
LAV147	0.000	0.000	0.799	0.001	0.000	0.000	0.000	3	3
LAV148	0.000	0.000	4.470	0.000	0.000	0.000	0.000	3	3
LAV149	0.000	0.000	97.669	0.000	0.000	0.000	0.000	3	3
LAV151	0.000	0.000	96.404	0.052	0.000	0.000	0.000	3	3
LAV152	0.000	0.000	35.182	0.734	0.000	0.000	0.000	3	3
LAV153	0.000	0.000	54.075	0.000	0.000	0.000	0.000	3	3
LAV154	0.000	0.000	13.703	0.022	0.000	0.000	0.000	3	3
LAV155	0.000	0.000	81.946	1.651	0.000	0.000	0.000	3	3
LAV156	0.000	0.000	61.850	0.342	0.000	0.000	0.000	3	3
LAV157	0.000	0.000	67.648	0.040	0.000	0.000	0.000	3	3
LAV158	0.000	0.000	17.086	0.005	0.000	0.000	0.000	3	3
LAV159	0.000	0.000	22.030	0.111	0.000	0.000	0.000	3	3
LAV161	0.082	0.000	25.596	1.759	0.000	0.000	0.000	3	3
LAV162	0.000	0.000	29.889	0.009	0.000	0.000	0.000	3	3
LAV163	0.000	0.000	3.757	0.181	0.000	0.000	0.000	3	3
LAV164	0.069	0.000	8.394	0.110	0.000	0.000	0.000	3	3
LAV166	0.000	0.000	81.709	0.643	0.000	0.000	0.000	3	3
LAV167	0.000	0.000	96.636	0.736	0.000	0.000	0.000	3	3
LAV168	0.000	0.000	20.889	0.219	0.000	0.000	0.000	3	3
LAV170	0.000	0.000	18.395	0.002	0.000	0.000	0.000	3	3
LAV171	0.000	0.000	19.635	0.001	0.000	0.000	0.000	3	3
LAV172	0.000	0.000	38.943	0.001	0.000	0.000	0.000	3	3
LAV174	0.000	0.000	86.562	0.229	0.000	0.000	0.000	3	3
LAV175	0.000	0.000	36.355	0.434	0.000	0.000	0.000	3	3
LAV176	0.000	0.000	39.381	0.007	0.000	0.000	0.000	3	3
LAV177	0.000	0.000	63.303	0.000	0.000	0.000	0.000	3	3
LAV178	0.000	0.000	27.760	0.007	0.000	0.000	0.000	3	3
LAV179	0.000	0.000	44.770	1.044	0.000	0.000	0.000	3	3
LAV180	0.000	0.000	11.510	0.007	0.000	0.000	0.000	3	3
LAV181	0.000	0.000	4.328	0.004	0.000	0.000	0.000	3	3
LAV182	0.000	0.000	94.734	1.356	0.000	0.000	0.000	3	3
LAV184	0.000	0.000	6.398	0.166	0.000	0.000	0.000	3	3
LAV185	0.000	0.000	43.665	2.269	0.000	0.000	0.000	3	3
LAV186	0.000	0.000	87.710	0.373	0.000	0.000	0.000	3	3
LAV187	0.000	0.000	62.280	0.052	0.000	0.000	0.000	3	3

LAV189	0.000	0.000	49.648	0.031	0.000	0.000	0.000	3	3
LAV190	0.000	0.000	1.184	0.000	0.000	0.000	0.000	3	3
LAV193	0.000	0.000	38.762	0.000	0.000	0.000	0.000	3	3
LAV195	0.000	0.000	72.236	5.707	0.000	0.000	0.000	3	3
LAV196	0.000	0.000	21.076	0.035	0.000	0.000	0.000	3	3
LAV197	0.000	0.000	97.800	0.135	0.000	0.000	0.000	3	3
LAV198	0.000	0.000	88.130	2.145	0.000	0.000	0.000	3	3
LAV199	0.000	0.000	99.740	0.733	0.000	0.000	0.000	3	3
LAV200	0.000	0.000	12.470	0.000	0.000	0.000	0.000	3	3
LAV201	0.000	0.000	99.952	2.461	0.000	0.000	0.000	3	3
LAV204	0.000	0.000	99.985	0.256	0.000	0.000	0.000	3	3
LAV206	0.000	0.000	53.255	3.989	0.000	0.000	0.000	3	3
LAV207	0.003	0.000	6.966	2.473	0.000	0.000	0.000	3	3
LAV208	0.000	0.000	52.686	0.000	0.000	0.000	0.000	3	3
LAV209	0.000	0.000	92.630	0.526	0.000	0.000	0.000	3	3
LAV210	0.000	0.000	99.538	1.258	0.000	0.000	0.000	3	3
LAV211	0.000	0.000	99.294	0.919	0.000	0.000	0.000	3	3
LAV212	0.000	0.000	89.128	0.091	0.000	0.000	0.000	3	3
LAV213	0.000	0.000	36.754	1.043	0.000	0.000	0.000	3	3
LAV214	0.000	0.000	84.927	1.724	0.000	0.000	0.000	3	3
LAV215	0.000	0.000	16.032	0.003	0.000	0.000	0.000	3	3
LAV217	0.000	0.000	98.841	0.188	0.000	0.000	0.000	3	3
LAV218	0.000	0.000	5.178	0.015	0.000	0.000	0.000	3	3
LAV219	0.000	0.000	90.435	0.025	0.000	0.000	0.000	3	3
LAV220	0.004	0.000	59.156	46.405	0.000	0.000	0.000	3	3
LAV221	0.000	0.000	7.774	0.001	0.000	0.000	0.000	3	3
LAV223	0.005	0.000	76.044	7.818	0.000	0.000	0.000	3	3
LAV224	0.000	0.000	5.629	0.004	0.000	0.000	0.000	3	3
LAV225	0.000	0.000	81.513	0.817	0.000	0.000	0.000	3	3
LAV226	0.009	0.000	27.478	6.043	0.000	0.000	0.000	3	3
LAV227	0.000	0.000	79.615	0.109	0.000	0.000	0.000	3	3
LAV229	0.000	0.000	6.640	0.042	0.000	0.000	0.000	3	3
LAV233	0.000	0.000	65.301	0.017	0.000	0.000	0.000	3	3
LAV234	0.000	0.000	58.476	0.100	0.000	0.000	0.000	3	3
LAV235	0.000	0.000	62.417	0.010	0.000	0.000	0.000	3	3
LAV236	0.000	0.000	67.054	0.053	0.000	0.000	0.000	3	3
LAV237	0.000	0.000	28.363	0.220	0.000	0.000	0.000	3	3
LAV238	0.000	0.000	42.781	0.127	0.000	0.000	0.000	3	3
LAV239	0.000	0.000	8.172	0.025	0.000	0.000	0.000	3	3
LAV240	0.000	0.000	33.617	0.002	0.000	0.000	0.000	3	3
LAV241	0.000	0.000	97.328	0.030	0.000	0.000	0.000	3	3
LAV242	0.000	0.000	1.309	0.377	0.000	0.000	0.000	3	3
LAV244	0.000	0.000	96.426	0.028	0.000	0.000	0.000	3	3
LAV245	0.002	0.000	61.184	0.475	0.000	0.000	0.000	3	3
LAV246	0.000	0.000	99.623	0.099	0.000	0.000	0.000	3	3

The following specimens are in the San Isidro Group  
Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	From:	Into:
SLN783	0.000	0.000	0.000	12.598	0.000	0.000	0.000	4	4
SLN784	0.000	0.000	0.000	28.561	0.000	0.000	0.000	4	4
SLN785	0.001	0.000	0.000	58.525	0.000	0.000	0.000	4	4
SLN786	0.000	0.000	0.000	32.152	0.000	0.000	0.000	4	4
SLN787	0.001	0.000	0.000	37.279	0.000	0.000	0.000	4	4
SLN788	0.000	0.000	0.000	1.011	0.000	0.000	0.000	4	4
SLN789	0.000	0.000	0.000	67.151	0.000	0.000	0.000	4	4
SLN791	0.000	0.000	0.000	19.728	0.000	0.000	0.000	4	4
SLN792	0.000	0.000	0.000	99.119	0.000	0.000	0.000	4	4
SLN793	0.000	0.000	0.000	9.139	0.000	0.000	0.000	4	4
SLN794	0.000	0.000	0.000	73.365	0.000	0.000	0.000	4	4
SLN795	0.000	0.000	0.000	92.807	0.000	0.000	0.000	4	4
SLN796	0.000	0.000	0.000	98.925	0.000	0.000	0.000	4	4
SLN798	0.000	0.000	0.001	10.008	0.000	0.000	0.000	4	4
SLN799	0.005	0.000	0.000	38.062	0.000	0.000	0.000	4	4
SLN800	0.000	0.000	0.000	61.692	0.000	0.000	0.000	4	4
SLN801	0.000	0.000	0.000	40.769	0.000	0.000	0.000	4	4
SLN802	0.000	0.000	0.000	1.784	0.000	0.000	0.000	4	4
SLN803	0.000	0.000	0.000	72.701	0.000	0.000	0.000	4	4
SLN804	0.000	0.000	0.000	13.384	0.000	0.000	0.000	4	4
SLN805	0.790	0.000	0.000	32.237	0.000	0.000	0.000	4	4
SLN806	0.000	0.000	0.000	67.556	0.000	0.000	0.000	4	4

SLN808	0.000	0.000	0.000	58.165	0.000	0.000	0.000	4	4
SLN810	0.000	0.000	0.003	22.506	0.000	0.000	0.000	4	4
SLN811	0.000	0.000	0.000	0.375	0.000	0.000	0.000	4	4
SLN812	0.000	0.000	0.000	4.461	0.000	0.000	0.000	4	4
SLN813	0.001	0.000	0.000	96.771	0.000	0.000	0.000	4	4
SLN814	0.000	0.000	0.000	14.271	0.000	0.000	0.000	4	4
SLN815	0.000	0.000	0.000	17.741	0.000	0.000	0.000	4	4
SLN816	0.000	0.000	0.000	94.792	0.000	0.000	0.000	4	4
SLN817	0.000	0.000	0.000	56.577	0.000	0.000	0.000	4	4
SLN818	0.000	0.000	0.000	55.189	0.000	0.000	0.000	4	4
SLN819	0.000	0.000	0.000	13.848	0.000	0.000	0.000	4	4
SLN821	0.000	0.000	0.000	92.702	0.000	0.000	0.000	4	4
SLN823	0.000	0.000	0.000	18.757	0.000	0.000	0.000	4	4
SLN824	0.000	0.000	0.000	98.598	0.000	0.000	0.000	4	4
SLN826	0.000	0.000	0.000	82.755	0.000	0.000	0.000	4	4
SLN827	0.000	0.000	0.000	60.135	0.000	0.000	0.000	4	4
SLN828	0.000	0.000	0.000	97.240	0.000	0.000	0.000	4	4
SLN830	0.000	0.000	0.000	37.624	0.000	0.000	0.000	4	4
SLN832	0.009	0.000	0.000	44.562	0.000	0.000	0.000	4	4

The following specimens are in the Tehuantepec Group

Probabilities:								From:	Into:
ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
SLN834	0.000	0.000	0.000	0.007	16.796	0.035	0.000	5	5
SLN835	0.000	0.000	0.000	0.012	84.953	2.350	0.000	5	5
SLN836	0.000	0.000	0.000	0.004	41.581	4.568	0.000	5	5
SLN837	0.000	0.000	0.000	0.027	4.681	0.113	0.000	5	5
SLN838	0.001	0.000	0.000	0.073	81.043	2.222	0.000	5	5
SLN839	0.000	0.000	0.000	0.020	92.223	2.160	0.000	5	5
SLN840	0.000	0.000	0.000	0.026	98.115	11.763	0.000	5	5
SLN841	0.000	0.000	0.000	0.041	23.967	0.162	0.000	5	5
SLN842	0.000	0.000	0.000	0.010	8.144	0.012	0.000	5	5
SLN843	0.000	0.000	0.000	0.023	98.801	0.082	0.000	5	5
SLN844	0.005	0.000	0.000	0.011	91.594	11.486	0.000	5	5
SLN845	0.099	0.000	0.000	0.079	64.661	1.068	0.000	5	5
SLN847	0.001	0.000	0.000	0.039	91.873	2.634	0.000	5	5
SLN848	0.000	0.000	0.000	0.007	91.328	2.552	0.000	5	5
SLN850	0.002	0.000	0.000	0.032	64.532	2.426	0.000	5	5
SLN851	0.000	0.000	0.000	0.002	89.596	0.153	0.000	5	5
SLN852	0.000	0.000	0.000	0.047	62.825	1.465	0.000	5	5
SLN853	0.002	0.000	0.000	0.028	87.672	22.119	0.000	5	5
SLN854	0.000	0.000	0.000	0.012	96.909	1.088	0.000	5	5
SLN855	0.004	0.000	0.000	0.016	44.326	7.182	0.000	5	5
SLN856	0.000	0.000	0.000	0.018	27.176	0.567	0.000	5	5
SLN858	0.001	0.000	0.000	0.055	40.947	1.160	0.000	5	5
SLN859	0.003	0.000	0.000	0.094	91.452	1.625	0.000	5	5
SLN860	0.000	0.000	0.000	0.047	2.542	0.181	0.000	5	5
SLN861	0.000	0.000	0.000	0.049	30.433	2.368	0.000	5	5
SLN863	0.000	0.000	0.000	0.005	15.219	1.372	0.000	5	5
SLN864	0.011	0.000	0.000	0.060	75.331	0.410	0.000	5	5
SLN865	0.000	0.000	0.000	0.005	27.349	0.376	0.000	5	5
SLN866	0.188	0.000	0.000	0.089	86.761	4.041	0.000	5	5
SLN867	0.000	0.000	0.000	0.015	12.773	0.451	0.000	5	5
SLN868	0.000	0.000	0.000	0.127	85.568	0.826	0.000	5	5
SLN869	0.002	0.000	0.000	0.034	98.268	2.695	0.000	5	5
SLN870	0.000	0.000	0.000	0.014	90.986	4.697	0.000	5	5
SLN871	0.001	0.000	0.000	0.016	84.187	7.867	0.000	5	5
SLN872	0.000	0.000	0.000	0.019	2.624	0.280	0.000	5	5
SLN873	0.000	0.000	0.000	0.002	3.190	0.191	0.000	5	5
SLN874	0.000	0.000	0.000	0.172	43.800	4.421	0.000	5	5
SLN875	0.000	0.000	0.000	0.052	38.285	10.124	0.000	5	5
SLN876	0.000	0.000	0.000	0.009	55.377	2.955	0.000	5	5
SLN877	0.000	0.000	0.000	0.013	35.062	4.543	0.000	5	5
SLN879	0.000	0.000	0.000	0.001	2.835	0.094	0.000	5	5
SLN880	0.000	0.000	0.000	0.088	29.906	1.932	0.000	5	5
SLN881	0.001	0.000	0.000	0.104	40.920	0.451	0.000	5	5
SLN884	0.000	0.000	0.000	0.199	3.559	1.292	0.000	5	5
SLN885	0.000	0.000	0.000	0.008	6.808	0.324	0.000	5	5
SLN886	0.000	0.000	0.000	0.015	13.202	0.006	0.000	5	5
SLN887	0.000	0.000	0.000	0.002	22.339	0.037	0.000	5	5
SLN888	0.000	0.000	0.000	0.010	82.743	3.753	0.000	5	5

SLN889	0.000	0.000	0.000	0.075	23.056	1.796	0.000	5	5
SLN890	0.000	0.000	0.000	0.006	46.802	1.424	0.000	5	5
SLN891	0.000	0.000	0.000	0.025	21.258	0.083	0.000	5	5
SLN892	0.000	0.000	0.000	0.035	75.102	0.172	0.000	5	5
SLN893	0.002	0.000	0.000	0.101	78.341	2.920	0.000	5	5
SLN894	0.000	0.000	0.000	0.055	30.322	0.106	0.000	5	5
SLN895	0.000	0.000	0.000	0.066	26.933	0.255	0.000	5	5
SLN896	0.000	0.000	0.000	0.075	4.364	0.020	0.000	5	5
SLN899	0.000	0.000	0.000	0.037	7.609	3.448	0.000	5	5
SLN916	0.000	0.000	0.000	0.078	79.251	0.201	0.000	5	5

The following specimens are in the Oaxaca Group

Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	From:	Into:
SLN201	0.000	0.000	0.000	0.001	0.000	70.836	0.000	6	6
SLN203	0.000	0.000	0.000	0.000	0.000	71.048	0.000	6	6
SLN204	0.000	0.000	0.000	0.000	0.000	78.248	0.000	6	6
SLN207	0.000	0.000	0.000	0.000	0.000	6.496	0.000	6	6
SLN209	0.000	0.000	0.000	0.000	0.000	97.930	0.000	6	6
SLN211	0.000	0.000	0.000	0.001	0.000	11.351	0.000	6	6
SLN214	0.000	0.000	0.000	0.000	0.000	2.350	0.000	6	6
SLN215	0.000	0.000	0.000	0.001	0.000	9.123	0.000	6	6
SLN217	0.000	0.000	0.000	0.002	0.000	38.978	0.000	6	6
SLN218	0.000	0.000	0.000	0.000	0.000	19.177	0.000	6	6
SLN222	0.000	0.000	0.000	0.000	0.000	73.755	0.000	6	6
SLN223	0.000	0.000	0.000	0.001	0.000	1.131	0.000	6	6
SLN224	0.000	0.000	0.000	0.000	0.000	92.811	0.000	6	6
SLN225	0.000	0.000	0.000	0.000	0.000	73.372	0.000	6	6
SLN226	0.000	0.000	0.000	0.001	0.000	62.924	0.000	6	6
SLN227	0.000	0.000	0.000	0.000	0.000	12.656	0.000	6	6
SLN228	0.000	0.000	0.000	0.000	0.000	86.170	0.000	6	6
SLN229	0.000	0.000	0.000	0.001	0.000	55.489	0.000	6	6
SLN230	0.000	0.000	0.000	0.000	0.000	99.702	0.000	6	6
SLN231	0.000	0.000	0.000	0.009	0.000	42.156	0.000	6	6
SLN242	0.000	0.000	0.000	0.011	0.000	51.619	0.000	6	6
SLN244	0.000	0.000	0.000	0.001	0.000	22.765	0.000	6	6
SLN248	0.000	0.000	0.000	0.020	0.000	5.921	0.000	6	6
SLN256	0.000	0.000	0.000	0.014	0.000	59.000	0.000	6	6
SLN257	0.000	0.000	0.000	0.038	0.000	14.109	0.000	6	6
SLN274	0.000	0.000	0.000	0.001	0.000	35.185	0.000	6	6
SLN276	0.000	0.000	0.000	0.000	0.000	84.548	0.000	6	6
SLN277	0.000	0.000	0.000	0.000	0.000	20.929	0.000	6	6
SLN278	0.000	0.000	0.000	0.000	0.000	63.190	0.000	6	6
SLN279	0.000	0.000	0.000	0.000	0.000	86.029	0.000	6	6
SLN280	0.000	0.000	0.000	0.000	0.000	5.067	0.000	6	6
SLN281	0.000	0.000	0.000	0.000	0.000	20.604	0.000	6	6
SLN282	0.000	0.000	0.000	0.008	0.000	40.230	0.000	6	6
SLN283	0.000	0.000	0.000	0.001	0.000	76.314	0.000	6	6
SLN285	0.000	0.000	0.000	0.003	0.000	69.079	0.000	6	6
SLN286	0.000	0.000	0.000	0.004	0.000	21.270	0.000	6	6
SLN288	0.000	0.000	0.000	0.000	0.000	76.339	0.000	6	6
SLN289	0.000	0.000	0.000	0.000	0.000	84.621	0.000	6	6
SLN290	0.000	0.000	0.000	0.000	0.000	97.057	0.000	6	6
SLN291	0.000	0.000	0.000	0.001	0.000	11.359	0.000	6	6

The following specimens are in the Tlapacoya Group

Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	From:	Into:
SLN537	0.000	0.000	0.000	0.001	0.000	0.000	74.701	7	7
SLN539	0.000	0.000	0.000	0.002	0.000	0.000	84.162	7	7
SLN547	0.000	0.000	0.000	0.000	0.000	0.000	29.441	7	7
SLN550	0.000	0.000	0.000	0.000	0.000	0.000	29.449	7	7
SLN552	0.000	0.000	0.000	0.000	0.000	0.000	68.405	7	7
SLN554	0.000	0.000	0.000	0.000	0.000	0.000	2.636	7	7
SLN555	0.000	0.000	0.000	0.000	0.000	0.000	83.810	7	7
SLN556	0.000	0.000	0.000	0.000	0.000	0.000	2.464	7	7
SLN563	0.000	0.000	0.000	0.003	0.000	0.000	92.540	7	7
SLN564	0.000	0.000	0.000	0.001	0.000	0.000	33.710	7	7
SLN565	0.000	0.000	0.000	0.004	0.000	0.000	98.459	7	7
SLN566	0.000	0.000	0.000	0.001	0.000	0.000	14.297	7	7
SLN567	0.000	0.000	0.000	0.005	0.000	0.000	36.886	7	7

SLN568	0.000	0.000	0.000	0.002	0.000	0.000	17.430	7	7
SLN569	0.000	0.000	0.000	0.000	0.000	0.000	9.112	7	7
SLN572	0.000	0.000	0.000	0.001	0.000	0.000	53.053	7	7
SLN575	0.000	0.000	0.000	0.001	0.000	0.000	99.862	7	7
SLN577	0.000	0.000	0.000	0.003	0.000	0.000	58.225	7	7
SLN578	0.000	0.000	0.000	0.000	0.000	0.000	29.950	7	7
SLN579	0.000	0.000	0.000	0.004	0.000	0.000	52.349	7	7
SLN580	0.000	0.000	0.000	0.003	0.000	0.000	85.623	7	7
SLN581	0.000	0.000	0.000	0.000	0.000	0.000	41.166	7	7
SLN582	0.000	0.000	0.000	0.001	0.000	0.000	96.557	7	7
SLN583	0.000	0.000	0.000	0.003	0.000	0.000	55.883	7	7
SLN584	0.000	0.000	0.000	0.003	0.000	0.000	75.133	7	7
SLN585	0.000	0.000	0.000	0.000	0.000	0.001	4.297	7	7
SLN586	0.000	0.000	0.000	0.000	0.000	0.000	26.399	7	7
SLN587	0.000	0.000	0.000	0.002	0.000	0.000	58.592	7	7
SLN588	0.000	0.000	0.000	0.001	0.000	0.000	85.028	7	7
SLN589	0.000	0.000	0.000	0.001	0.000	0.001	33.617	7	7
SLN590	0.000	0.000	0.000	0.003	0.000	0.000	95.281	7	7
SLN591	0.000	0.000	0.000	0.003	0.000	0.000	86.500	7	7
SLN592	0.000	0.000	0.000	0.001	0.000	0.000	84.030	7	7
SLN593	0.000	0.000	0.000	0.003	0.000	0.001	54.129	7	7
SLN595	0.000	0.000	0.000	0.001	0.000	0.000	57.820	7	7
SLN596	0.000	0.000	0.000	0.000	0.000	0.000	29.702	7	7
SLN599	0.000	0.000	0.000	0.001	0.000	0.001	2.968	7	7
SLN605	0.000	0.000	0.000	0.002	0.000	0.001	61.408	7	7
SLN606	0.000	0.000	0.000	0.001	0.000	0.001	3.352	7	7
SLN607	0.000	0.000	0.000	0.002	0.000	0.001	62.095	7	7
SLN610	0.000	0.000	0.000	0.000	0.000	0.001	26.694	7	7
SLN611	0.000	0.000	0.000	0.004	0.000	0.000	70.985	7	7
SLN612	0.000	0.000	0.000	0.005	0.000	0.000	67.985	7	7
SLN613	0.000	0.000	0.000	0.000	0.000	0.000	98.809	7	7
SLN614	0.000	0.000	0.000	0.021	0.000	0.000	1.482	7	7
SLN615	0.000	0.000	0.000	0.002	0.000	0.000	73.486	7	7
SLN616	0.000	0.000	0.000	0.004	0.000	0.000	18.298	7	7
SLN617	0.000	0.000	0.000	0.002	0.000	0.001	85.182	7	7
SLN618	0.000	0.000	0.000	0.003	0.000	0.000	88.430	7	7
SLN620	0.000	0.000	0.000	0.002	0.000	0.000	92.644	7	7
SLN621	0.000	0.000	0.000	0.003	0.000	0.000	94.770	7	7
SLN622	0.000	0.000	0.000	0.001	0.000	0.000	31.384	7	7
SLN623	0.000	0.000	0.000	0.001	0.000	0.000	27.838	7	7
SLN624	0.000	0.000	0.000	0.000	0.000	0.000	16.048	7	7
SLN625	0.000	0.000	0.000	0.001	0.000	0.000	86.593	7	7
SLN626	0.000	0.000	0.000	0.000	0.000	0.000	3.517	7	7
SLN627	0.000	0.000	0.000	0.003	0.000	0.000	43.141	7	7
SLN628	0.000	0.000	0.000	0.009	0.000	0.002	50.860	7	7
SLN629	0.000	0.000	0.000	0.001	0.000	0.001	10.653	7	7
SLN630	0.000	0.000	0.000	0.011	0.000	0.002	83.454	7	7
SLN631	0.000	0.000	0.000	0.004	0.000	0.000	3.966	7	7
SLN632	0.000	0.000	0.000	0.010	0.000	0.000	72.545	7	7
SLN633	0.000	0.000	0.000	0.000	0.000	0.001	67.153	7	7
SLN634	0.000	0.000	0.000	0.002	0.000	0.000	96.771	7	7
SLN635	0.000	0.000	0.000	0.000	0.000	0.000	60.827	7	7
SLN636	0.000	0.000	0.000	0.002	0.000	0.000	67.996	7	7
SLN637	0.000	0.000	0.000	0.001	0.000	0.001	51.357	7	7
SLN638	0.000	0.000	0.000	0.001	0.000	0.000	28.300	7	7
SLN639	0.000	0.000	0.000	0.001	0.000	0.000	36.443	7	7
SLN640	0.000	0.000	0.000	0.000	0.000	0.000	56.975	7	7
SLN641	0.000	0.000	0.000	0.000	0.000	0.001	3.756	7	7
SLN642	0.000	0.000	0.000	0.000	0.000	0.000	51.307	7	7
SLN643	0.000	0.000	0.000	0.000	0.000	0.000	41.330	7	7
SLN644	0.000	0.000	0.000	0.001	0.000	0.000	98.341	7	7
SLN645	0.000	0.000	0.000	0.014	0.000	0.001	79.960	7	7
SLN646	0.000	0.000	0.000	0.012	0.000	0.001	81.459	7	7
SLN647	0.000	0.000	0.000	0.000	0.000	0.001	25.251	7	7
SLN648	0.000	0.000	0.000	0.001	0.000	0.000	5.491	7	7
SLN649	0.000	0.000	0.000	0.001	0.000	0.001	27.313	7	7
SLN650	0.000	0.000	0.000	0.001	0.000	0.000	13.449	7	7
SLN651	0.000	0.000	0.000	0.002	0.000	0.000	14.833	7	7
SLN652	0.000	0.000	0.000	0.001	0.000	0.000	14.633	7	7
SLN653	0.000	0.000	0.000	0.002	0.000	0.000	39.795	7	7
SLN654	0.000	0.000	0.000	0.003	0.000	0.001	24.426	7	7

SLN657	0.000	0.000	0.000	0.000	0.000	0.000	27.544	7	7
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Summary of Classification Success:

Classified Into Group:

	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	
From Group:								
S. Lorenzo	228	0	0	0	0	0	0	228
Mazatan	0	167	0	0	0	0	0	167
La Venta	0	0	121	0	0	0	0	121
San Isidro	0	0	0	41	0	0	0	41
Tehuantepec	0	0	0	0	58	0	0	58
Oaxaca	0	0	0	0	0	40	0	40
Tlapacoya	0	0	0	0	0	0	85	85
Total	228	167	121	41	58	40	85	740



**Table 3: Multivariate probabilities of membership in the reference groups calculated for specimens in whiteware groups.**

Date: 5/16/02

Variables used:

AS	LA	LU	ND	SM	U	YB	CE	CO
CR	CS	EU	FE	HF	RB	SB	SC	SR
TA	TB	TH	ZN	ZR	AL	BA	CA	DY
K	MN	NA	TI	V				

The following specimens are in the San Lorenzo White Group

ID. NO.	Probabilities:							Best	Group
	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
BLM001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
BLM002	0.004	0.000	0.000	0.001	0.000	0.000	0.000	1	
BLM010	0.001	0.000	0.000	0.418	0.000	0.000	0.000	4	
BLM011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1	
BLM020	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
BLM021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
BLM029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
BLM038	0.000	0.000	0.000	0.003	0.000	0.000	0.000	4	
BLM041	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
BLM042	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
BLM043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
BLM051	0.685	0.000	0.000	0.003	0.000	0.000	0.000	1	
SLN1044	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN206	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN212	0.000	0.000	0.000	0.007	0.000	0.000	0.000	4	
SLN216	0.000	0.000	0.000	0.005	0.000	0.000	0.000	4	
SLN220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN239	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN240	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN260	0.000	0.000	0.000	0.043	0.000	0.000	0.000	4	
SLN328	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN358	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN361	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN362	8.502	0.000	0.000	0.161	0.000	0.000	0.000	1	
SLN364	0.000	0.000	0.000	0.004	0.000	0.000	0.000	4	
SLN365	3.003	0.000	0.000	0.000	0.000	0.000	0.000	1	
SLN390	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN401	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN402	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN435	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN443	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN464	0.000	0.000	0.000	0.017	0.000	0.000	0.000	4	
SLN473	1.751	0.000	0.000	0.024	0.000	0.001	0.000	1	
SLN475	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN497	1.559	0.000	0.000	0.020	0.000	0.000	0.000	1	
SLN519	1.049	0.000	0.000	0.042	0.000	0.000	0.000	1	
SLN544	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN545	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN546	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN702	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN703	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN704	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN705	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN754	0.032	0.000	0.000	0.001	0.000	0.000	0.000	1	
SLN926	0.001	0.000	0.000	0.010	0.000	0.000	0.000	4	
SLN927	0.000	0.000	0.000	0.014	0.000	0.000	0.000	4	

The following specimens are in the Tehuantepec White Group

ID. NO.	Probabilities:							Best	Group
	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
SLN833	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN849	0.000	0.000	0.000	0.000	0.000	0.003	0.000	6	
SLN862	0.000	0.000	0.000	0.000	0.000	0.016	0.000	6	
SLN905	0.000	0.000	0.000	0.000	0.000	0.001	0.000	6	
SLN917	0.000	0.000	0.000	0.005	0.000	0.001	0.000	4	

SLN918	0.000	0.000	0.000	0.001	0.000	0.006	0.000	6
SLN919	0.000	0.000	0.000	0.000	0.000	0.001	0.000	6
SLN920	0.000	0.000	0.000	0.002	0.000	0.006	0.000	6
SLN921	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4
SLN922	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6
SLN923	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4
SLN924	0.000	0.000	0.000	0.000	0.000	0.004	0.000	6
SLN925	0.000	0.000	0.000	0.000	0.000	0.001	0.000	6
SLN928	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6
SLN929	0.000	0.000	0.000	0.008	0.000	0.013	0.000	6
SLN930	0.000	0.000	0.000	0.028	0.000	0.004	0.000	4
SLN931	0.000	0.000	0.000	0.004	0.000	0.000	0.000	4
SLN932	0.000	0.000	0.000	0.001	0.000	0.001	0.000	6
SLN933	0.000	0.000	0.000	0.048	0.000	0.003	0.000	4
SLN934	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4
SLN935	0.000	0.000	0.000	0.001	0.000	0.001	0.000	6
SLN936	0.000	0.000	0.000	0.000	0.000	0.003	0.000	6

The following specimens are in the White-2 Group  
Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best Group
BLM033	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4
BLM034	0.044	0.000	0.000	0.002	0.000	0.004	0.000	1
SLN200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4
SLN251	0.000	0.000	0.000	0.001	0.000	0.001	0.000	6
SLN252	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4
SLN253	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6
SLN254	0.008	0.000	0.000	0.000	0.000	0.000	0.000	1
SLN255	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4

**Table 4: Multivariate probabilities of membership in the reference groups calculated for specimens in smaller non-whiteware groups.**

Date: 5/17/02

Variables used:

AS	LA	LU	ND	SM	U	YB	CE	CO
CR	CS	EU	FE	HF	RB	SB	SC	SR
TA	TB	TH	ZN	ZR	AL	BA	CA	DY
K	MN	NA	TI	V				

The following specimens are Anomalous Mazatan

ID. NO.	Probabilities:							Best	Group
	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
SLN942	0.000	0.384	0.000	0.003	0.000	0.000	0.000	2	
SLN943	0.000	22.678	0.000	0.001	0.000	0.000	0.000	2	
SLN948	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN949	0.000	3.107	0.000	0.005	0.000	0.000	0.000	2	
SLN950	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN951	0.000	0.811	0.000	0.000	0.000	0.000	0.000	2	
SLN952	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN953	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN956	0.000	1.170	0.000	0.009	0.000	0.000	0.000	2	
SLN957	0.000	0.008	0.000	0.000	0.000	0.000	0.000	2	

The following specimens are Mazatan unassigned

ID. NO.	Probabilities:							Best	Group
	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
SLN1006	0.000	0.381	0.000	0.001	0.000	0.000	0.000	2	
SLN1015	0.000	0.403	0.000	0.007	0.000	0.000	0.000	2	
SLN1028	0.000	0.000	0.000	0.105	0.000	0.000	0.000	4	
SLN1037	0.000	0.001	0.000	0.002	0.000	0.000	0.000	4	
SLN1038	0.000	0.035	0.000	0.000	0.000	0.000	0.000	2	
SLN1042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6	
SLN1054	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN1064	0.000	0.000	0.000	0.011	0.000	0.000	0.000	4	
SLN1066	0.000	0.003	0.000	0.000	0.000	0.000	0.000	2	
SLN1068	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1071	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN1072	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1073	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1074	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1075	0.000	0.019	0.000	0.003	0.000	0.000	0.000	2	
SLN665	0.000	0.017	0.000	0.003	0.000	0.000	0.000	2	
SLN670	0.000	0.688	0.000	0.000	0.000	0.000	0.000	2	
SLN671	0.000	0.255	0.000	0.000	0.000	0.000	0.000	2	
SLN673	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN677	0.000	0.868	0.000	0.001	0.000	0.000	0.000	2	
SLN689	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN696	0.000	0.285	0.000	0.000	0.000	0.000	0.000	2	
SLN698	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN701	0.000	0.002	0.000	0.000	0.000	0.000	0.000	2	
SLN707	0.000	0.422	0.000	0.000	0.000	0.000	0.000	2	
SLN716	0.000	0.200	0.000	0.000	0.000	0.000	0.000	2	
SLN724	0.000	0.002	0.000	0.001	0.000	0.000	0.000	2	
SLN731	0.000	0.113	0.000	0.000	0.000	0.000	0.000	2	
SLN753	0.000	0.001	0.000	0.004	0.000	0.000	0.000	4	
SLN762	0.000	0.049	0.000	0.001	0.000	0.000	0.000	2	
SLN769	0.000	0.524	0.000	0.001	0.000	0.000	0.000	2	
SLN779	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN781	0.000	0.000	0.000	0.028	0.000	0.000	0.000	4	
SLN941	0.000	0.432	0.000	0.001	0.000	0.000	0.000	2	
SLN946	0.000	0.013	0.000	0.001	0.000	0.000	0.000	2	
SLN947	0.000	0.004	0.000	0.001	0.000	0.000	0.000	2	
SLN961	0.000	0.016	0.000	0.001	0.000	0.000	0.000	2	
SLN963	0.000	0.064	0.000	0.000	0.000	0.000	0.000	2	
SLN965	0.000	0.397	0.000	0.001	0.000	0.000	0.000	2	

SLN967	0.000	0.302	0.000	0.001	0.000	0.000	0.000	2
SLN972	0.000	0.729	0.000	0.000	0.000	0.000	0.000	2
SLN975	0.000	0.001	0.000	0.000	0.000	0.000	0.000	2
SLN980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN993	0.000	0.000	0.000	0.099	0.000	0.000	0.000	4
SLN999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4

The following specimens are Mazatan unassigned, likely imports

Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best	Group
SLN987	0.000	0.020	0.000	0.009	0.000	0.000	0.000	2	
SLN1012	0.000	0.000	0.000	0.539	0.000	0.150	0.000	4	
SLN694	0.000	0.000	0.000	0.327	0.000	0.024	0.000	4	
SLN1069	0.000	0.000	0.000	0.001	0.000	0.006	0.000	6	
SLN1030	0.000	0.000	0.000	0.325	0.000	0.017	0.000	4	
SLN735	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN1067	0.000	0.000	0.000	0.003	0.000	0.023	0.000	6	
SLN782	0.000	0.000	0.000	0.125	0.000	0.000	0.000	4	
SLN994	0.000	0.000	0.000	0.116	0.000	0.760	0.000	6	
SLN728	0.000	0.000	0.000	0.217	0.000	0.925	0.000	6	
SLN990	0.000	0.000	0.000	0.013	0.000	0.350	0.000	6	
SLN1040	0.000	0.000	0.000	0.000	0.000	0.001	0.000	6	
SLN1076	0.000	0.000	0.000	0.169	0.000	0.005	0.000	4	
SLN1060	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN706	0.000	0.000	0.000	0.005	0.000	0.000	0.000	4	

The following specimens are in the Tehuantepec-1 Group

Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best	Group
SLN900	0.023	0.000	0.000	0.003	0.000	0.000	0.000	1	
SLN901	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN902	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN907	0.006	0.000	0.000	0.000	0.000	0.000	0.000	1	
SLN908	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN913	0.000	0.000	0.000	0.009	0.000	0.000	0.000	4	
SLN914	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN915	0.006	0.000	0.000	0.029	0.000	0.000	0.000	4	

The following specimens are in the Etlatongo-1 Group

Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best	Group
BLM008	0.050	0.000	0.000	0.006	0.000	0.000	0.000	1	
BLM016	0.046	0.000	0.000	0.003	0.000	0.000	0.000	1	
BLM018	0.049	0.000	0.000	0.002	0.000	0.000	0.000	1	
BLM023	0.001	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN232	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN233	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN261	0.030	0.000	0.000	0.001	0.000	0.000	0.000	1	
SLN266	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
SLN272	0.006	0.000	0.000	0.002	0.000	0.003	0.000	1	

The following specimens are in the Etlatongo-2 Group

Probabilities:

ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best	Group
BLM005	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4	
BLM006	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
BLM014	0.000	0.000	0.000	0.000	0.000	0.001	0.000	6	
BLM015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6	
BLM017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
BLM024	0.000	0.000	0.000	0.000	0.000	0.003	0.000	6	
SLN234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN236	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4	
SLN262	0.000	0.000	0.000	0.003	0.000	0.002	0.000	4	
SLN264	0.000	0.000	0.000	0.024	0.000	0.001	0.000	4	
SLN267	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4	
SLN268	0.000	0.000	0.000	0.000	0.000	0.002	0.000	6	

The following specimens are in the Anomalous La Venta Group

Probabilities:								Best Group
ID. NO.	S. Lorenzo	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	
LAV076	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4
LAV079	0.000	0.000	0.000	0.006	0.000	0.000	0.000	4
LAV083	0.000	0.000	0.000	0.003	0.000	0.000	0.000	4
LAV086	0.000	0.000	0.000	0.005	0.000	0.000	0.000	4
LAV095	0.000	0.000	0.000	0.052	0.000	0.000	0.000	4
LAV097	0.000	0.000	0.000	0.024	0.000	0.000	0.000	4
LAV098	0.000	0.000	0.000	0.005	0.000	0.000	0.000	4
LAV100	0.000	0.000	0.000	0.004	0.000	0.000	0.000	4
LAV102	0.000	0.000	0.000	0.007	0.000	0.000	0.000	4
LAV110	0.000	0.000	0.000	0.004	0.000	0.000	0.000	4
LAV112	0.000	0.000	0.000	0.005	0.000	0.000	0.000	4
LAV116	0.000	0.000	0.000	0.002	0.000	0.000	0.000	4
LAV118	0.000	0.000	0.000	0.001	0.000	0.000	0.000	4

**Table 5: Multivariate probabilities of membership in the reference groups calculated for unassigned specimens.**

Date: 5/20/02

Variables used:

AS	LA	LU	ND	SM	U	YB	CE	CO
CR	CS	EU	FE	HF	RB	SB	SC	SR
TA	TB	TH	ZN	ZR	AL	BA	CA	DY
K	MN	NA	TI	V				

The following specimens are unassigned white ware specimens

ID. NO.	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best Group
SLN706	0.000	0.483	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN937	0.000	0.145	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN357	0.000	0.701	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN219	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN542	0.000	0.007	0.000	0.000	0.000	0.000	0.001	0.000	2
BLM030	0.000	0.114	0.000	0.000	0.043	0.000	0.000	0.000	2
SLN543	0.370	16.282	0.000	0.000	0.000	0.000	0.000	0.000	2

The following specimens are unassigned

ID. NO.	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best Group
BLM003	0.014	2.653	0.000	0.000	0.003	0.000	0.000	0.000	2
BLM004	0.493	12.346	0.000	0.000	3.619	0.000	0.000	0.000	2
BLM009	0.000	6.547	0.000	0.000	0.094	0.000	0.000	0.000	2
BLM022	15.460	6.399	0.000	0.000	0.003	0.000	0.009	0.000	1
BLM025	2.692	19.512	0.000	0.000	0.071	0.000	0.000	0.000	2
BLM028	1.791	0.251	0.000	0.000	0.045	0.000	0.000	0.000	1
BLM031	1.027	0.382	0.000	0.000	0.001	0.000	0.000	0.000	1
BLM036	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
BLM037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
LAV075	0.002	8.661	0.000	0.000	0.004	0.000	0.000	0.000	2
LAV077	0.000	0.021	0.000	0.019	0.444	0.000	0.000	0.000	5
LAV080	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	5
LAV082	0.000	0.001	0.000	0.007	0.081	0.000	0.000	0.000	5
LAV084	0.000	0.000	0.000	0.010	0.012	0.000	0.000	0.000	5
LAV085	0.000	0.000	0.000	0.674	0.478	0.000	0.000	0.000	4
LAV092	0.144	27.679	0.000	0.000	0.013	0.000	0.000	0.000	2
LAV093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
LAV096	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	4
LAV104	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.000	5
LAV107	0.000	0.001	0.000	0.149	0.486	0.000	0.000	0.000	5
LAV117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4
LAV119	0.000	0.018	0.000	0.000	0.001	0.000	0.000	0.000	2
LAV122	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	4
LAV128	0.000	0.000	0.000	0.140	0.002	0.000	0.000	0.000	4
LAV131	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2
LAV133	0.000	0.004	0.000	0.525	0.000	0.000	0.000	0.000	4
LAV137	0.000	0.000	0.000	0.000	0.175	0.000	0.000	0.000	5
LAV140	0.000	0.003	0.000	0.007	0.000	0.000	0.000	0.000	4
LAV150	0.003	0.434	0.000	0.000	0.011	0.000	0.000	0.000	2
LAV160	0.000	0.037	0.000	1.209	0.027	0.000	0.000	0.000	4
LAV165	0.000	0.000	0.000	0.719	0.002	0.000	0.000	0.000	4
LAV169	0.000	0.006	0.000	0.310	0.101	0.000	0.000	0.000	4
LAV173	0.000	0.018	0.000	0.067	0.062	0.000	0.000	0.000	4
LAV183	0.000	0.277	0.000	0.005	0.000	0.000	0.000	0.000	2
LAV188	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
LAV191	0.000	0.002	0.000	0.338	0.066	0.000	0.000	0.000	4
LAV192	0.000	0.000	0.000	0.182	0.000	0.000	0.000	0.000	4
LAV194	0.000	0.005	0.000	0.730	0.000	0.000	0.000	0.000	4
LAV202	0.000	0.001	0.000	0.248	1.249	0.000	0.000	0.000	5
LAV203	0.000	0.009	0.000	0.016	0.067	0.000	0.000	0.000	5
LAV205	0.000	0.003	0.000	0.915	0.979	0.000	0.000	0.000	5
LAV216	0.000	0.004	0.000	0.000	0.045	0.000	0.000	0.000	5
LAV222	0.000	0.004	0.000	0.067	0.012	0.000	0.000	0.000	4
LAV228	0.000	0.003	0.000	0.000	0.006	0.000	0.000	0.000	5
LAV230	0.000	0.002	0.000	0.096	0.001	0.000	0.000	0.000	4

LAV231	0.000	0.000	0.000	0.190	0.025	0.000	0.000	0.000	4
LAV232	0.000	0.000	0.000	0.440	0.158	0.000	0.000	0.000	4
LAV243	0.000	0.047	0.000	0.011	0.005	0.000	0.000	0.000	2
LAV247	0.000	9.195	0.000	0.000	0.002	0.000	0.000	0.000	2
SLN202	0.000	1.927	0.000	0.000	0.003	0.000	0.001	0.000	2
SLN205	0.000	0.004	0.000	0.000	0.003	0.000	0.026	0.000	7
SLN208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
SLN221	0.000	0.041	0.000	0.000	0.006	0.000	0.000	0.000	2
SLN237	0.003	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN243	0.011	0.595	0.000	0.000	0.004	0.000	0.035	0.000	2
SLN245	0.000	0.028	0.000	0.000	0.002	0.000	0.002	0.000	2
SLN246	0.114	0.227	0.000	0.000	0.000	0.000	0.017	0.000	2
SLN247	0.000	0.351	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN249	0.000	0.193	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN250	0.000	0.010	0.000	0.000	0.000	0.000	0.006	0.000	2
SLN269	0.000	0.096	0.000	0.000	0.985	0.000	0.030	0.000	5
SLN275	0.067	0.361	0.000	0.000	0.026	0.000	0.000	0.000	2
SLN303	0.055	2.578	0.000	0.000	0.023	0.000	0.000	0.000	2
SLN307	0.138	0.065	0.000	0.000	0.000	0.000	0.000	0.000	1
SLN314	0.000	0.173	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN317	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	5
SLN321	0.231	6.414	0.000	0.000	1.894	0.000	0.001	0.000	2
SLN323	0.575	12.245	0.000	0.000	0.130	0.000	0.040	0.000	2
SLN330	0.128	0.014	0.000	0.000	0.117	0.000	0.003	0.000	1
SLN335	0.030	0.044	0.000	0.000	0.106	0.000	0.000	0.000	5
SLN336	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN337	0.064	0.908	0.000	0.000	1.835	0.000	0.000	0.000	5
SLN338	0.691	5.018	0.000	0.000	0.518	0.000	0.000	0.000	2
SLN340	0.020	45.603	0.000	0.000	0.010	0.000	0.000	0.000	2
SLN341	0.000	1.512	0.000	0.000	0.029	0.000	0.000	0.000	2
SLN343	0.000	0.741	0.000	0.000	0.080	0.000	0.003	0.000	2
SLN344	0.095	0.036	0.000	0.000	0.029	0.000	0.001	0.000	1
SLN345	3.380	0.073	0.000	0.000	0.000	0.000	0.004	0.000	1
SLN346	1.722	2.627	0.000	0.000	0.040	0.000	0.000	0.000	2
SLN353	0.760	0.049	0.000	0.000	0.012	0.000	0.000	0.000	1
SLN356	0.000	17.837	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN383	0.000	0.680	0.000	0.000	0.050	0.000	0.365	0.000	2
SLN396	0.115	0.460	0.000	0.000	0.017	0.000	0.001	0.000	2
SLN405	0.288	6.476	0.000	0.000	0.004	0.000	0.000	0.000	2
SLN410	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	5
SLN413	0.000	0.004	0.000	0.000	0.003	0.000	0.001	0.000	2
SLN423	0.000	0.000	0.000	0.000	1.055	0.000	0.000	0.000	5
SLN424	0.000	0.142	0.000	0.000	0.054	0.000	0.000	0.000	2
SLN426	0.037	1.645	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN428	0.284	2.198	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN437	0.000	0.364	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN439	3.136	19.138	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN442	0.000	0.627	0.000	0.000	0.057	0.000	0.009	0.000	2
SLN453	0.208	0.634	0.000	0.000	1.046	0.000	0.000	0.000	5
SLN462	0.071	0.757	0.000	0.000	0.929	0.000	0.001	0.000	5
SLN465	0.000	2.290	0.000	0.000	0.031	0.000	0.012	0.000	2
SLN466	0.000	0.001	0.000	0.000	0.012	0.000	0.000	0.000	5
SLN487	0.518	0.440	0.000	0.000	0.164	0.000	0.027	0.000	1
SLN490	0.152	1.705	0.000	0.000	0.374	0.000	0.001	0.000	2
SLN494	0.000	0.882	0.000	0.000	0.010	0.000	0.000	0.000	2
SLN500	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	5
SLN502	0.126	0.112	0.000	0.000	0.015	0.000	0.008	0.000	1
SLN504	0.000	0.002	0.000	0.000	0.899	0.000	0.000	0.000	5
SLN516	0.000	0.087	0.000	0.000	0.031	0.000	0.000	0.000	2
SLN517	0.267	5.953	0.000	0.000	0.112	0.000	0.002	0.000	2
SLN533	0.018	5.952	0.000	0.000	0.057	0.000	0.004	0.000	2
SLN534	0.365	33.764	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN535	0.000	0.786	0.000	0.000	0.117	0.000	0.001	0.000	2
SLN538	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.205	8
SLN540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.300	8
SLN551	0.000	0.034	0.000	0.000	0.000	0.000	0.012	0.000	2
SLN570	0.000	1.189	0.000	0.000	0.087	0.000	0.000	0.001	2
SLN571	0.000	0.880	0.000	0.000	0.079	0.000	0.000	0.000	2
SLN573	0.000	0.376	0.000	0.000	0.132	0.000	0.001	0.020	2
SLN574	0.000	0.052	0.000	0.000	0.005	0.000	0.001	0.000	2
SLN576	0.000	1.187	0.000	0.000	0.045	0.000	0.002	0.018	2

SLN594	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
SLN597	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.951	8
SLN598	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.162	8
SLN600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.268	8
SLN601	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN602	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.003	8
SLN603	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.583	8
SLN604	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.002	8
SLN608	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
SLN609	0.000	0.003	0.000	0.000	0.009	0.000	0.011	0.001	7
SLN619	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.918	8
SLN655	1.062	2.068	0.000	0.000	0.016	0.000	0.001	0.000	2
SLN656	0.133	4.112	0.000	0.000	0.185	0.000	0.000	0.000	2
SLN660	0.014	1.256	0.000	0.000	0.003	0.000	0.001	0.000	2
SLN661	0.019	5.242	0.000	0.000	0.063	0.000	0.000	0.000	2
SLN790	0.007	0.074	0.000	0.000	0.875	0.000	0.000	0.000	5
SLN797	0.030	0.054	0.000	0.000	1.753	0.000	0.001	0.000	5
SLN809	0.000	0.000	0.000	0.000	0.008	0.000	0.000	0.000	5
SLN820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN825	0.000	0.000	0.000	0.000	0.069	0.000	0.000	0.000	5
SLN829	0.000	0.001	0.000	0.000	0.216	0.000	0.000	0.000	5
SLN831	0.000	0.083	0.000	0.000	0.103	0.000	0.000	0.000	5
SLN882	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN883	0.307	0.318	0.000	0.000	1.291	0.000	0.008	0.000	5
SLN897	0.000	0.000	0.000	0.000	0.001	0.031	0.007	0.000	6
SLN898	0.000	0.155	0.000	0.000	0.006	0.990	0.238	0.000	6
SLN903	0.002	4.423	0.000	0.000	0.003	0.000	0.000	0.000	2
SLN904	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN906	0.000	0.031	0.000	0.000	0.000	0.000	0.001	0.000	2
SLN910	0.000	0.000	0.000	0.000	0.003	0.000	0.037	0.000	7
SLN878	0.000	0.073	0.000	0.000	0.117	1.384	13.013	0.000	7
SLN857	0.000	0.100	0.000	0.000	0.112	3.622	21.100	0.000	7
SLN846	0.000	0.029	0.000	0.000	0.037	4.520	4.848	0.000	7
SLN388	5.908	23.933	0.000	0.000	7.611	0.000	0.035	0.000	2
SLN807	4.318	2.687	0.000	0.000	5.085	0.000	0.000	0.000	5



**Table 6: Multivariate probabilities of membership in the reference groups calculated for raw clay samples from five Mesoamerican regions.**

Date: 5/20/02

Variables used:

AS	LA	LU	ND	SM	U	YB	CE	CO
CR	CS	EU	FE	HF	RB	SB	SC	SR
TA	TB	TH	ZN	ZR	AL	BA	CA	DY
K	MN	NA	TI	V				

The following specimens are San Lorenzo clay samples

ID. NO.	Probabilities:									
	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best	Group
BLM040	0.000	0.629	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN001	3.021	1.179	0.000	0.000	0.002	0.000	0.000	0.000		1
SLN002	60.222	3.765	0.000	0.000	0.536	0.000	0.000	0.000		1
SLN003	0.644	0.870	0.000	0.000	0.001	0.000	0.005	0.000		2
SLN005	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN006	1.900	2.502	0.000	0.000	0.101	0.000	0.007	0.000		2
SLN007	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN008	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN010	0.000	0.107	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN012	47.419	1.148	0.000	0.000	0.227	0.000	0.000	0.000		1
SLN013	56.663	3.942	0.000	0.000	0.034	0.000	0.010	0.000		1
SLN014	0.000	1.519	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN018	0.000	0.177	0.000	0.000	0.074	0.000	0.000	0.000		2
SLN020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
SLN024	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN027	52.065	19.860	0.000	0.000	0.004	0.000	0.000	0.000		1
SLN028	0.000	0.104	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN030	0.000	0.005	0.000	0.000	0.047	0.000	0.000	0.000		5
SLN031	0.000	38.042	0.000	0.000	0.004	0.000	0.000	0.000		2
SLN032	14.326	0.998	0.000	0.000	0.009	0.000	0.000	0.000		1
SLN035	9.044	0.060	0.000	0.002	0.010	0.000	0.000	0.000		1
SLN037	83.771	30.374	0.000	0.000	0.126	0.000	0.000	0.000		1
SLN038	1.667	4.653	0.000	0.000	0.142	0.000	0.003	0.000		2
SLN039	35.062	2.055	0.000	0.000	0.026	0.000	0.009	0.000		1
SLN040	0.009	0.074	0.000	0.000	0.016	0.000	0.001	0.000		2
SLN041	27.047	0.097	0.000	0.000	2.850	0.000	0.023	0.000		1
SLN042	13.125	1.873	0.000	0.000	2.584	0.000	0.006	0.000		1
SLN043	15.034	2.001	0.000	0.000	0.017	0.000	0.118	0.000		1
SLN044	0.000	2.098	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN045	0.048	0.279	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN046	0.000	0.946	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN047	0.430	1.082	0.000	0.000	1.587	0.000	0.001	0.000		5
SLN048	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
SLN049	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000		5
SLN052	25.984	3.153	0.000	0.000	0.000	0.000	0.001	0.000		1
SLN054	0.007	3.684	0.000	0.000	0.068	0.000	0.001	0.000		2
SLN055	0.000	0.788	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN057	0.043	3.608	0.000	0.000	0.450	0.000	0.001	0.000		2
SLN058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		7
SLN060	14.763	0.592	0.000	0.000	0.973	0.000	0.008	0.000		1
SLN061	27.625	10.096	0.000	0.000	0.615	0.000	0.001	0.000		1
SLN062	4.963	3.636	0.000	0.000	0.046	0.000	0.000	0.000		1
SLN064	70.688	6.649	0.000	0.000	0.548	0.000	0.000	0.000		1
SLN066	1.513	11.459	0.000	0.000	0.028	0.000	0.000	0.000		2
SLN067	0.001	0.172	0.000	0.000	0.002	0.000	0.000	0.000		2
SLN069	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN071	0.000	0.111	0.000	0.000	0.000	0.000	0.001	0.000		2
SLN072	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN073	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN074	31.809	0.961	0.000	0.000	0.003	0.000	0.009	0.000		1
SLN075	78.314	2.287	0.000	0.000	0.168	0.000	0.001	0.000		1
SLN077	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		2
SLN078	20.372	3.804	0.000	0.000	0.021	0.000	0.000	0.000		1
SLN079	22.409	0.346	0.000	0.000	0.001	0.000	0.005	0.000		1
SLN080	15.972	0.291	0.000	0.000	0.000	0.000	0.000	0.000		1

SLN081	6.269	2.019	0.000	0.000	0.020	0.000	0.000	0.000	1
SLN082	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN083	0.001	0.001	0.000	0.000	0.024	0.000	0.067	0.000	7
SLN085	8.602	0.436	0.000	0.000	0.001	0.000	0.006	0.000	1
SLN086	0.000	32.441	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN087	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
SLN088	16.662	2.773	0.000	0.000	0.000	0.000	0.000	0.000	1
SLN089	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN090	0.000	0.206	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN091	48.714	4.418	0.000	0.000	0.227	0.000	0.006	0.000	1
SLN092	11.031	0.784	0.000	0.000	0.003	0.000	0.000	0.000	1
SLN093	0.000	0.071	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN094	2.050	0.320	0.000	0.000	0.011	0.000	0.000	0.000	1
SLN095	24.398	16.369	0.000	0.000	0.005	0.000	0.000	0.000	1
SLN096	0.000	0.275	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN098	0.000	0.005	0.000	0.000	0.000	0.000	0.001	0.000	2
SLN099	38.377	6.638	0.000	0.000	0.019	0.000	0.042	0.000	1
SLN100	0.000	0.008	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN101	0.001	10.208	0.000	0.000	0.002	0.000	0.000	0.000	2
SLN102	5.899	0.864	0.000	0.000	0.207	0.000	0.001	0.000	1
SLN103	2.918	0.217	0.000	0.000	0.000	0.000	0.000	0.000	1
SLN104	55.933	1.654	0.000	0.000	0.110	0.000	0.020	0.000	1
SLN105	0.003	0.057	0.000	0.000	0.006	0.000	0.000	0.000	2
SLN106	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN108	1.464	0.374	0.000	0.000	0.004	0.000	0.008	0.000	1
SLN109	53.774	13.007	0.000	0.000	0.017	0.000	0.000	0.000	1
SLN110	0.211	0.029	0.000	0.000	0.004	0.000	0.016	0.000	1
SLN111	23.273	0.885	0.000	0.000	3.572	0.000	0.001	0.000	1
SLN112	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN113	3.248	0.722	0.000	0.000	0.024	0.000	0.000	0.000	1
SLN114	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
SLN115	0.711	0.041	0.000	0.000	0.012	0.000	0.006	0.000	1
SLN116	0.000	0.030	0.000	0.000	0.023	0.000	0.000	0.000	2
SLN117	0.000	2.993	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN118	31.674	3.638	0.000	0.000	0.002	0.000	0.000	0.000	1
SLN119	0.000	0.365	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN120	0.024	0.290	0.000	0.000	0.039	0.000	0.000	0.000	2
SLN121	57.697	2.598	0.000	0.000	5.186	0.000	0.013	0.000	1
SLN122	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN123	0.000	0.003	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN124	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN126	5.605	3.562	0.000	0.000	0.046	0.000	0.828	0.000	1
SLN127	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN128	58.498	9.454	0.000	0.000	0.546	0.000	0.040	0.000	1
SLN131	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN134	0.949	0.118	0.000	0.000	0.027	0.000	0.036	0.000	1
SLN135	5.316	1.091	0.000	0.000	0.011	0.000	0.000	0.000	1
SLN137	22.855	0.163	0.000	0.000	0.106	0.000	0.000	0.000	1
SLN138	6.607	0.456	0.000	0.000	0.010	0.000	0.012	0.000	1
SLN139	71.490	2.541	0.000	0.000	0.381	0.000	0.001	0.000	1
SLN140	18.323	0.192	0.000	0.000	0.376	0.000	0.000	0.000	1
SLN141	31.782	3.174	0.000	0.000	0.126	0.000	0.000	0.000	1
SLN143	0.267	0.072	0.000	0.000	1.327	0.000	0.007	0.000	5
SLN144	2.031	0.531	0.000	0.000	2.319	0.000	0.058	0.000	5
SLN146	38.979	4.530	0.000	0.000	0.247	0.000	0.000	0.000	1
SLN147	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN148	57.445	4.155	0.000	0.000	1.626	0.000	0.001	0.000	1
SLN149	6.006	0.067	0.000	0.000	0.001	0.000	0.000	0.000	1
SLN151	6.521	22.417	0.000	0.000	0.022	0.000	0.001	0.000	2
SLN152	52.389	0.740	0.000	0.000	1.485	0.000	0.000	0.000	1
SLN153	5.771	16.949	0.000	0.000	0.061	0.000	0.000	0.000	2
SLN154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN156	1.235	0.349	0.000	0.000	0.057	0.000	0.000	0.000	1
SLN157	22.584	0.541	0.000	0.000	0.151	0.000	0.000	0.000	1
SLN183	16.565	43.262	0.000	0.000	0.001	0.000	0.000	0.000	2
SLN184	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	2
SLN185	8.415	2.189	0.000	0.000	0.029	0.000	0.017	0.000	1

The following specimens are La Venta area clays

Probabilities:									Best	Group
ID. NO.	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
LAV001	0.000	0.000	0.000	0.384	0.129	0.000	0.000	0.000		4
LAV002	0.000	0.000	0.000	1.886	0.197	0.000	0.000	0.000		4
LAV003	0.000	0.000	0.000	5.972	0.142	0.000	0.000	0.000		4
LAV004	0.000	0.000	0.000	0.059	0.098	0.000	0.000	0.000		5
LAV005	0.000	0.000	0.000	0.086	1.091	0.000	0.000	0.000		5
LAV006	0.000	0.000	0.000	11.123	0.614	0.000	0.000	0.000		4
LAV007	0.000	0.000	0.000	8.689	1.323	0.000	0.000	0.000		4
LAV008	0.000	0.000	0.000	3.738	0.802	0.000	0.000	0.000		4
LAV009	0.000	0.000	0.000	5.001	1.375	0.000	0.000	0.000		4
LAV010	0.000	0.000	0.000	20.481	0.305	0.000	0.000	0.000		4
LAV011	0.000	0.000	0.000	1.564	0.060	0.000	0.000	0.000		4
LAV012	0.000	0.000	0.000	0.299	0.367	0.000	0.000	0.000		5
LAV013	0.000	0.000	0.000	1.223	0.450	0.000	0.000	0.000		4
LAV014	0.000	0.000	0.000	7.894	0.693	0.000	0.000	0.000		4
LAV015	0.000	0.000	0.000	0.039	0.092	0.000	0.000	0.000		5
LAV016	0.000	0.000	0.000	0.858	0.289	0.000	0.000	0.000		4
LAV017	0.000	0.000	0.000	0.002	0.085	0.000	0.000	0.000		5
LAV018	0.000	0.248	0.000	0.000	0.001	0.000	0.000	0.000		2
LAV019	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV020	0.000	0.196	0.000	0.000	0.043	0.000	0.000	0.000		2
LAV021	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV022	0.000	0.081	0.000	0.000	0.001	0.000	0.000	0.000		2
LAV023	0.000	0.561	0.000	0.000	0.001	0.000	0.000	0.000		2
LAV024	0.000	0.128	0.000	0.000	0.002	0.000	0.000	0.000		2
LAV025	0.000	0.000	0.000	0.040	0.222	0.000	0.000	0.000		5
LAV027	0.000	0.000	0.000	0.017	0.251	0.000	0.000	0.000		5
LAV031	0.000	0.019	0.000	0.000	0.004	0.000	0.000	0.000		2
LAV035	0.376	0.129	0.000	0.006	0.000	0.000	0.000	0.000		1
LAV036	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000		5
LAV037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
LAV038	0.000	0.000	0.000	0.280	0.000	0.000	0.000	0.000		4
LAV041	0.000	0.006	0.000	0.000	0.007	0.000	0.000	0.000		5
LAV042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV043	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV045	0.000	1.950	0.000	0.000	0.001	0.000	0.000	0.000		2
LAV048	0.000	0.000	0.000	0.045	5.004	0.000	0.000	0.000		5
LAV049	0.000	0.000	0.000	4.467	4.664	0.000	0.000	0.000		5
LAV050	0.000	0.000	0.000	0.374	1.655	0.000	0.000	0.000		5
LAV051	0.000	0.000	0.000	0.023	1.025	0.000	0.000	0.000		5
LAV052	0.000	0.000	0.000	0.007	0.455	0.000	0.000	0.000		5
LAV053	0.000	0.001	0.000	0.000	0.028	0.000	0.000	0.000		5
LAV054	0.000	0.000	0.000	0.000	0.114	0.000	0.000	0.000		5
LAV055	0.000	0.001	0.000	0.000	1.536	0.000	0.000	0.000		5
LAV056	0.000	0.174	0.000	0.001	0.000	0.000	0.000	0.000		2
LAV057	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
LAV058	0.000	0.425	0.000	0.000	0.001	0.000	0.000	0.000		2
LAV059	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV060	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.000		2
LAV061	0.000	0.000	0.000	1.986	2.161	0.000	0.000	0.000		5
LAV062	0.000	0.000	0.000	10.188	3.725	0.000	0.000	0.000		4
LAV063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
LAV064	0.000	0.000	0.000	6.288	0.268	0.000	0.000	0.000		4
LAV065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
LAV066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		5
LAV067	0.000	0.000	0.000	0.227	10.468	0.000	0.000	0.000		5
LAV068	0.000	0.001	0.000	0.773	0.713	0.000	0.000	0.000		4
LAV069	0.000	0.001	0.000	9.278	32.336	0.000	0.000	0.000		5
LAV070	0.000	0.000	0.000	0.008	0.473	0.000	0.000	0.000		5
LAV071	0.000	0.000	0.000	0.635	4.060	0.000	0.000	0.000		5
LAV072	0.000	0.000	0.000	0.005	0.868	0.000	0.000	0.000		5
LAV073	0.000	0.000	0.000	0.005	4.666	0.000	0.000	0.000		5

The following specimens are Mazatan area clays

Probabilities:									Best	Group
ID. NO.	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya		
CPB391	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		7
CPB392	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		7

CPB393	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB394	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB395	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB396	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB397	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB399	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB401	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB402	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB403	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB404	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB405	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB406	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB407	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB408	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB409	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	7
CPB410	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB411	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB412	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB413	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB414	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB415	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB416	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB417	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB418	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB419	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB421	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB422	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	3
CPB423	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
CPB424	0.000	0.000	6.368	0.000	0.000	0.000	0.000	0.000	3
CPB425	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	5
CPB426	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB453	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB454	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB455	0.000	0.006	0.000	0.000	0.002	0.000	0.061	0.000	7
CPB456	0.000	0.001	0.000	0.000	0.002	0.000	0.001	0.000	5
CPB457	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	5
CPB458	0.000	0.000	0.171	0.000	0.009	0.000	0.000	0.000	3
CPB459	0.000	0.000	25.842	0.000	0.019	0.000	0.000	0.000	3
CPB460	0.000	0.000	4.415	0.000	0.004	0.000	0.000	0.000	3
CPB461	0.000	0.002	0.000	0.000	0.030	0.000	0.000	0.000	5
CPB462	0.000	0.000	40.367	0.000	0.001	0.000	0.000	0.000	3
CPB463	0.000	0.002	1.764	0.000	0.002	0.000	0.000	0.000	3
CPB464	0.000	0.000	8.500	0.000	0.044	0.000	0.000	0.000	3
CPB465	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	5
CPB466	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB467	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB468	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB469	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB470	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB471	0.000	0.000	41.615	0.000	0.000	0.000	0.000	0.000	3
CPB472	0.000	0.000	16.276	0.000	0.003	0.000	0.000	0.000	3
CPB473	0.000	0.000	0.170	0.000	0.000	0.000	0.000	0.000	3
CPB474	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
CPB475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB476	0.000	0.000	3.453	0.000	0.003	0.000	0.000	0.000	3
CPB477	0.000	0.000	13.444	0.000	0.005	0.000	0.000	0.000	3
CPB478	0.000	0.000	23.119	0.000	0.013	0.000	0.000	0.000	3
CPB479	0.000	0.000	1.438	0.000	0.005	0.000	0.000	0.000	3
CPB480	0.000	0.000	2.102	0.000	0.016	0.000	0.000	0.000	3
CPB481	0.000	0.000	1.598	0.000	0.000	0.000	0.000	0.000	3
CPB482	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	3
CPB483	0.000	0.000	1.091	0.000	0.000	0.000	0.000	0.000	3
CPB484	0.000	0.000	73.094	0.000	0.000	0.000	0.000	0.000	3
CPB485	0.000	0.000	3.653	0.000	0.001	0.000	0.000	0.000	3
CPB486	0.000	0.000	4.565	0.000	0.007	0.000	0.000	0.000	3
CPB487	0.000	0.000	51.381	0.000	0.004	0.000	0.000	0.000	3
CPB488	0.000	0.000	16.820	0.000	0.001	0.000	0.000	0.000	3
CPB489	0.000	0.000	0.153	0.000	0.000	0.000	0.000	0.000	3

Table 6, p. 4

CPB490	0.000	0.000	1.852	0.000	0.000	0.000	0.000	0.000	3
CPB491	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
CPB492	0.000	0.000	0.000	0.000	0.009	0.000	0.000	0.000	5
CPB493	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
CPB495	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3
CPB496	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3
CPB497A	0.000	0.000	0.164	0.000	0.000	0.000	0.000	0.000	3
CPB497B	0.000	0.000	0.494	0.000	0.000	0.000	0.000	0.000	3
CPB498	0.000	0.000	16.582	0.000	0.000	0.000	0.000	0.000	3
CPB499	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB500	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	3
CPB501	0.000	0.000	0.026	0.000	0.001	0.000	0.000	0.000	3
CPB502	0.000	0.000	4.382	0.000	0.000	0.000	0.000	0.000	3
CPB503	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB504	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB505	0.000	0.000	4.833	0.000	0.000	0.000	0.000	0.000	3
CPB506	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	3
CPB507	0.000	0.000	3.779	0.000	0.000	0.000	0.000	0.000	3
CPB508	0.000	0.000	0.159	0.000	0.000	0.000	0.000	0.000	3
CPB509	0.000	0.000	0.907	0.000	0.000	0.000	0.000	0.000	3
CPB510	0.000	0.000	28.902	0.000	0.000	0.000	0.000	0.000	3
CPB511	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB512	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB513	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB514	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3
CPB515	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3
CPB516	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3
CPB517	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB518	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB519	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3
CPB521	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB522	0.000	0.000	11.643	0.000	0.002	0.000	0.000	0.000	3
CPB523	0.000	0.000	0.630	0.000	0.001	0.000	0.000	0.000	3
CPB524	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	3
CPB525	0.000	0.000	0.513	0.000	0.000	0.000	0.000	0.000	3
CPB526	0.000	0.000	5.460	0.000	0.003	0.000	0.000	0.000	3
CPB527	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB528	0.000	0.001	10.448	0.000	0.003	0.000	0.000	0.000	3
CPB529	0.000	0.000	5.459	0.000	0.003	0.000	0.000	0.000	3
CPB530	0.000	0.000	10.287	0.000	0.000	0.000	0.000	0.000	3
CPB531	0.000	0.000	11.831	0.000	0.002	0.000	0.000	0.000	3
CPB532	0.000	0.000	39.112	0.000	0.001	0.000	0.000	0.000	3
CPB533	0.000	0.000	1.519	0.000	0.000	0.000	0.000	0.000	3
CPB534	0.000	0.001	1.030	0.000	0.047	0.000	0.000	0.000	3
CPB535	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB537	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
CPB538	0.000	0.000	11.498	0.000	0.001	0.000	0.000	0.000	3
CPB539	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3
CPB540	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB541	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
CPB542	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB543	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	3
CPB544	0.000	0.000	0.327	0.000	0.000	0.000	0.000	0.000	3
CPB545	0.000	0.000	0.267	0.000	0.000	0.000	0.000	0.000	3
CPB546	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
CPB547	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	5
CPB548	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB549	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB551	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB552	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3
CPB553	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3
CPB554	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
CPB561	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB562	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB563	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB564	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
CPB565	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5

Table 6, p. 5



The following specimens are Oaxaca clays

Probabilities:									
ID. NO.	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best Group
SLN166	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
SLN167	0.005	0.276	0.000	0.000	0.002	0.000	0.386	0.000	7
SLN168	0.000	0.047	0.000	0.000	0.004	0.000	0.001	0.000	2
SLN169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
SLN170	0.000	0.050	0.000	0.000	0.001	0.000	0.012	0.000	2
SLN171	0.000	0.249	0.000	0.000	0.019	0.000	0.006	0.000	2
SLN172	0.096	0.030	0.000	0.000	0.058	0.000	0.126	0.000	7
SLN174	0.000	0.002	0.000	0.000	0.001	0.000	0.508	0.000	7
SLN175	0.000	0.002	0.000	0.000	0.016	0.000	0.501	0.000	7
SLN176	0.000	0.000	0.000	0.000	0.006	0.000	0.021	0.000	7
SLN177	0.000	0.006	0.000	0.000	0.019	0.000	0.098	0.000	7
SLN178	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	7
SLN179	0.000	0.000	0.000	0.000	0.001	0.000	0.076	0.000	7
SLN180	0.000	0.000	0.000	0.000	0.000	0.000	0.081	0.000	7
SLN181	0.000	0.001	0.000	0.000	0.001	0.000	0.040	0.000	7
SLN182	0.000	0.001	0.000	0.000	0.000	0.000	0.067	0.000	7

The following specimens are Basing of Mexico clays

Probabilities:									
ID. NO.	S. Lorenzo	S.L. White	Mazatan	La Venta	S. Isidro	Tehuantepec	Oaxaca	Tlapacoya	Best Group
AZP601	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.294	8
AZP602	0.000	0.000	0.000	0.000	0.000	0.000	0.001	6.505	8
AZP603	0.000	0.003	0.000	0.000	0.000	0.000	0.003	0.000	2
AZP604	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.000	7
AZP605	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.616	8
AZP606	0.000	0.000	0.000	0.000	0.002	0.000	0.001	5.489	8
AZP607	0.000	0.000	0.000	0.000	0.001	0.000	0.002	3.175	8
AZP608	0.000	0.000	0.000	0.000	0.000	0.000	0.001	4.597	8
AZP609	0.000	0.000	0.000	0.000	0.001	0.000	0.001	23.081	8
AZP610	0.000	0.000	0.000	0.000	0.001	0.000	0.001	2.318	8
AZP611	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.039	8
AZP612	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.117	8
AZP613	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.187	8
AZP614	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.013	8
AZP615	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.001	5
AZP616	0.000	0.000	0.000	0.000	0.002	0.000	0.001	0.000	5
AZP617	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.006	8
AZP618	0.000	0.000	0.000	0.000	0.008	0.000	0.001	0.048	8
AZP619	0.000	0.001	0.000	0.000	0.005	0.000	0.000	0.791	8
AZP620	0.000	0.024	0.000	0.000	0.077	0.000	0.007	0.000	5
AZP621	0.000	0.007	0.000	0.000	0.030	0.000	0.001	0.000	5
AZP622	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP623	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP624	0.005	0.077	0.000	0.000	0.173	0.000	0.002	0.000	5
AZP625	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP627	0.000	0.124	0.000	0.000	0.009	0.000	0.008	0.265	8
AZP628	0.000	0.106	0.000	0.000	0.009	0.000	0.005	5.585	8
AZP629	0.000	0.103	0.000	0.000	0.008	0.000	0.014	12.510	8
AZP630	0.000	0.000	0.000	0.000	0.005	0.000	0.010	0.001	7
AZP631	0.000	0.003	0.000	0.000	0.001	0.000	0.006	0.004	7
AZP632	0.000	0.148	0.000	0.000	0.009	0.000	0.010	1.679	8
AZP633	0.000	0.191	0.000	0.000	0.019	0.000	0.010	4.247	8
AZP634	0.000	0.273	0.000	0.000	0.004	0.000	0.003	0.182	2
AZP635	0.000	0.144	0.000	0.000	0.019	0.000	0.006	3.382	8
AZP637	0.000	0.070	0.000	0.000	0.016	0.000	0.006	0.053	2
AZP638	0.000	0.087	0.000	0.000	0.011	0.000	0.010	5.855	8
AZP639	0.000	0.077	0.000	0.000	0.027	0.000	0.020	4.650	8
AZP640	0.000	0.051	0.000	0.000	0.019	0.000	0.006	2.782	8
AZP641	0.000	0.029	0.000	0.000	0.006	0.000	0.069	0.000	7
AZP642	0.000	0.016	0.000	0.000	0.001	0.000	0.006	0.080	8
AZP643	0.000	0.028	0.000	0.000	0.003	0.000	0.018	0.301	8
AZP644	0.000	0.029	0.000	0.000	0.006	0.000	0.004	0.393	8
AZP645	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	7
AZP646	0.000	0.000	0.000	0.000	0.001	0.000	0.007	0.000	7
AZP647	0.000	0.075	0.000	0.000	0.003	0.000	0.001	21.013	8
AZP648	0.000	0.252	0.000	0.000	0.006	0.000	0.002	12.430	8
AZP649	0.000	0.005	0.000	0.000	0.002	0.000	0.004	0.801	8
AZP650	0.000	0.033	0.000	0.000	0.018	0.000	0.007	2.961	8

AZP651	0.000	0.103	0.000	0.000	0.009	0.000	0.015	0.647	8
AZP652	0.000	0.029	0.000	0.000	0.004	0.000	0.023	0.005	2
AZP653	0.000	0.003	0.000	0.000	0.002	0.000	0.012	0.000	7
AZP654	0.000	0.525	0.000	0.000	0.024	0.000	0.011	2.928	8
AZP655	0.000	0.039	0.000	0.000	0.002	0.000	0.001	11.029	8
AZP656	0.000	0.031	0.000	0.000	0.006	0.000	0.008	0.837	8
AZP657	0.000	0.012	0.000	0.000	0.014	0.000	0.120	0.001	7
AZP658	0.000	0.115	0.000	0.000	0.004	0.000	0.001	12.247	8
AZP659	0.000	0.009	0.000	0.000	0.006	0.000	0.014	0.000	7
AZP660	0.000	0.004	0.000	0.000	0.004	0.000	0.005	0.006	8
AZP661	0.000	0.002	0.000	0.000	0.003	0.000	0.002	0.002	5
AZP662	0.000	0.015	0.000	0.000	0.004	0.000	0.001	0.785	8
AZP663	0.000	0.050	0.000	0.000	0.014	0.000	0.005	0.040	2
AZP664	0.000	0.029	0.000	0.000	0.006	0.000	0.002	0.179	8
AZP665	0.000	0.050	0.000	0.000	0.004	0.000	0.008	0.083	8
AZP666	0.000	0.290	0.000	0.000	0.023	0.000	0.004	6.596	8
AZP667	0.000	0.657	0.000	0.000	0.005	0.000	0.001	0.010	2
AZP668	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP669	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	8
AZP670	0.000	0.099	0.000	0.000	0.058	0.000	0.003	0.000	2
AZP671	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP672	0.000	0.002	0.000	0.000	0.017	0.000	0.004	0.244	8
AZP685	0.000	0.061	0.000	0.000	0.005	0.000	0.002	0.000	2
AZP686	0.000	0.338	0.000	0.000	0.005	0.000	0.009	0.005	2
AZP687	0.000	0.110	0.000	0.000	0.005	0.000	0.004	0.051	2
AZP688	0.000	1.445	0.000	0.000	0.057	0.000	0.009	0.136	2
AZP689	0.000	0.105	0.000	0.000	0.061	0.000	0.039	0.000	2
AZP690	0.000	0.005	0.000	0.000	0.000	0.000	0.001	0.000	2
AZP691	0.000	0.023	0.000	0.000	0.007	0.000	0.005	0.000	2
AZP692	0.000	0.044	0.000	0.000	0.049	0.000	0.085	0.051	7
AZP693	0.000	0.127	0.000	0.000	0.077	0.000	0.155	0.018	7
AZP694	0.000	0.135	0.000	0.000	0.007	0.000	0.013	7.985	8
AZP695	0.000	0.044	0.000	0.000	0.001	0.000	0.000	0.068	8
AZP696	0.000	0.259	0.000	0.000	0.268	0.000	0.026	0.000	5
AZP697	0.000	0.013	0.000	0.000	0.010	0.000	0.006	0.005	2
AZP698	0.000	0.003	0.000	0.000	0.003	0.000	0.015	0.000	7
AZP699	0.000	0.072	0.000	0.000	0.014	0.000	0.022	0.105	8
AZP700	0.000	0.005	0.000	0.000	0.013	0.000	0.060	0.000	7
AZP701	0.000	0.064	0.000	0.000	0.009	0.000	0.016	0.104	8
AZP702	0.000	0.000	0.000	0.000	0.001	0.000	0.048	0.000	7
AZP703	0.000	0.016	0.000	0.000	0.003	0.000	0.007	5.784	8
AZP704	0.000	0.028	0.000	0.000	0.007	0.000	0.012	2.296	8
AZP705	0.000	0.005	0.000	0.000	0.007	0.000	0.021	0.001	7
AZP706	0.000	0.007	0.000	0.000	0.030	0.000	0.007	0.000	5
AZP707	0.000	0.013	0.000	0.000	0.003	0.000	0.004	11.056	8
AZP708	0.000	0.000	0.000	0.000	0.002	0.000	0.001	0.000	5
AZP709	0.000	0.001	0.000	0.000	0.003	0.000	0.001	0.000	5
AZP710	0.000	0.115	0.000	0.000	0.009	0.000	0.009	4.293	8
AZP711	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	5
AZP712	0.000	0.001	0.000	0.000	0.003	0.000	0.001	0.000	5
AZP713	0.000	0.171	0.000	0.000	0.078	0.000	0.007	0.232	8
AZP714	0.000	0.096	0.000	0.000	0.020	0.000	0.003	2.105	8
AZP715	0.000	0.029	0.000	0.000	0.005	0.000	0.006	0.030	8
AZP716	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	2
AZP717	0.000	0.033	0.000	0.000	0.013	0.000	0.003	5.276	8
AZP718	0.000	0.328	0.000	0.000	0.147	0.000	0.003	0.221	2
AZP719	0.000	0.054	0.000	0.000	0.056	0.000	0.031	0.001	5
AZP720	0.000	0.038	0.000	0.000	0.008	0.000	0.030	0.002	2
AZP721	0.000	0.002	0.000	0.000	0.003	0.000	0.012	0.010	7
AZP722	0.000	0.036	0.000	0.000	0.044	0.000	0.001	0.000	5
AZP723	0.000	0.043	0.000	0.000	0.002	0.000	0.003	0.000	2
AZP724	0.000	0.058	0.000	0.000	0.004	0.000	0.003	2.904	8
AZP725	0.000	0.002	0.000	0.000	0.048	0.000	0.019	0.000	5
AZP726	0.000	0.000	0.000	0.000	0.013	0.000	0.000	0.000	5
AZP727	0.000	0.020	0.000	0.000	0.035	0.000	0.000	0.000	5
AZP728	0.000	0.004	0.000	0.000	0.002	0.000	0.002	0.000	2
AZP729	0.000	0.006	0.000	0.000	0.001	0.000	0.001	0.000	2
AZP730	0.000	0.270	0.000	0.000	0.065	0.000	0.026	0.002	2
AZP731	0.000	0.042	0.000	0.000	0.016	0.000	0.037	0.001	2
AZP732	0.000	0.026	0.000	0.000	0.019	0.000	0.035	0.000	7
AZP733	0.000	0.104	0.000	0.000	0.006	0.000	0.008	0.909	8

Table 6, p. 8



AZP734	0.000	0.847	0.000	0.000	0.054	0.000	0.004	1.007	8
AZP735	0.000	0.646	0.000	0.000	0.077	0.000	0.015	0.000	2
AZP736	0.000	0.001	0.000	0.000	0.006	0.000	0.001	0.000	5
AZP737	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP738	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.000	5
AZP739	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.000	5
AZP740	0.000	0.000	0.000	0.000	0.204	0.000	0.000	0.000	5
AZP741	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
AZP742	0.000	0.001	0.000	0.000	0.003	0.000	0.000	0.000	5
AZP743	0.000	0.002	0.000	0.000	0.143	0.000	0.073	0.000	5
AZP744	0.000	0.000	0.000	0.000	0.001	0.000	0.081	0.000	7
AZP745	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP746	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP747	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP749	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP750	0.000	0.018	0.000	0.000	0.001	0.000	0.012	0.000	2
AZP751	0.000	0.004	0.000	0.000	0.000	0.000	0.003	0.000	2
AZP752	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.000	2
AZP753	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.003	8
AZP754	0.000	0.007	0.000	0.000	0.002	0.000	0.005	0.739	8
AZP755	0.000	0.047	0.000	0.000	0.002	0.000	0.006	0.425	8
AZP756	0.000	0.003	0.000	0.000	0.002	0.000	0.003	9.652	8
AZP758	0.000	0.002	0.000	0.000	0.002	0.000	0.004	0.055	8
AZP759	0.000	0.002	0.000	0.000	0.001	0.000	0.001	1.412	8
AZP760	0.000	0.003	0.000	0.000	0.001	0.000	0.001	6.069	8
AZP761	0.000	0.004	0.000	0.000	0.006	0.000	0.002	4.929	8
AZP762	0.000	0.110	0.000	0.000	0.001	0.000	0.001	0.153	8
AZP763	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.640	8
AZP764	0.000	0.011	0.000	0.000	0.008	0.000	0.008	1.052	8
AZP765	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.000	2
AZP766	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP767	0.000	0.044	0.000	0.000	0.008	0.000	0.001	0.935	8
AZP768	0.000	0.035	0.000	0.000	0.002	0.000	0.003	1.435	8
AZP769	0.000	0.117	0.000	0.000	0.001	0.000	0.008	0.000	2
AZP770	0.000	0.010	0.000	0.000	0.002	0.000	0.001	11.947	8
AZP771	0.000	0.003	0.000	0.000	0.002	0.000	0.000	50.446	8
AZP772	0.000	0.002	0.000	0.000	0.003	0.000	0.001	60.057	8
AZP773	0.000	0.000	0.000	0.000	0.001	0.000	0.000	10.081	8
AZP774	0.000	0.011	0.000	0.000	0.002	0.000	0.001	0.597	8
AZP775	0.000	0.003	0.000	0.000	0.003	0.000	0.001	0.076	8
AZP776	0.000	0.002	0.000	0.000	0.002	0.000	0.002	0.000	2
AZP777	0.000	0.011	0.000	0.000	0.002	0.000	0.001	20.629	8
AZP778	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.024	8
AZP779	0.000	0.029	0.000	0.000	0.008	0.000	0.005	3.857	8
AZP780	0.000	0.082	0.000	0.000	0.004	0.000	0.003	7.942	8
AZP781	0.000	0.078	0.000	0.000	0.004	0.000	0.002	8.827	8
AZP782	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.225	8
AZP784	0.000	0.001	0.000	0.000	0.004	0.000	0.003	0.000	5
AZP785	0.000	0.001	0.000	0.000	0.000	0.000	0.002	0.036	8
AZP786	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP787	0.000	0.001	0.000	0.000	0.001	0.000	0.000	0.000	2
AZP788	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.312	8
AZP789	0.000	0.000	0.000	0.000	0.002	0.000	0.008	0.000	7
AZP790	0.000	0.015	0.000	0.000	0.027	0.000	0.013	1.173	8
AZP791	0.000	0.001	0.000	0.000	0.001	0.000	0.001	0.006	8
AZP792	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP793	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP794	0.000	0.012	0.000	0.000	0.000	0.000	0.003	0.005	2
AZP795	0.000	0.003	0.000	0.000	0.003	0.000	0.001	0.000	2
AZP796	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP797	0.000	0.014	0.000	0.000	0.001	0.000	0.000	0.000	2
AZP798	0.000	0.003	0.000	0.000	0.003	0.000	0.012	0.000	7
AZP799	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP800	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP801	0.000	0.003	0.000	0.000	0.001	0.000	0.001	0.001	2
AZP802	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
AZP803	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP804	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.012	8
AZP805	0.000	0.000	0.000	0.000	0.000	0.000	0.002	4.153	8
AZP806	0.000	0.070	0.000	0.000	0.005	0.000	0.001	0.063	2
AZP807	0.000	0.004	0.000	0.000	0.001	0.000	0.002	0.003	2

AZP673	0.000	0.013	0.000	0.000	0.003	0.000	0.005	2.790	8
AZP674	0.000	0.076	0.000	0.000	0.006	0.000	0.011	0.314	8
AZP675	0.000	0.040	0.000	0.000	0.004	0.000	0.004	1.888	8
AZP676	0.000	0.010	0.000	0.000	0.001	0.000	0.004	1.440	8
AZP677	0.000	0.024	0.000	0.000	0.005	0.000	0.002	2.939	8
AZP678	0.000	0.008	0.000	0.000	0.001	0.000	0.004	0.986	8
AZP679	0.000	0.002	0.000	0.000	0.004	0.000	0.003	0.351	8
AZP680	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.033	8
AZP681	0.000	0.014	0.000	0.000	0.002	0.000	0.001	0.178	8
AZP682	0.000	0.040	0.000	0.000	0.002	0.000	0.001	6.387	8
AZP683	0.000	0.013	0.000	0.000	0.003	0.000	0.006	0.100	8
AZP684	0.000	0.022	0.000	0.000	0.005	0.000	0.015	0.014	2
AZP808	0.000	0.009	0.000	0.000	0.002	0.000	0.001	0.307	8
AZP809	0.000	0.016	0.000	0.000	0.016	0.000	0.001	0.843	8
AZP810	0.000	0.132	0.000	0.000	0.006	0.000	0.003	0.036	2
AZP811	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.035	8
AZP812	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.869	8
AZP813	0.000	0.001	0.000	0.000	0.000	0.000	0.006	0.009	8
AZP814	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
AZP815	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7
AZP816	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP817	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP818	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	8
AZP819	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	5
AZP820	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP821	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP822	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP830	0.000	0.007	0.000	0.000	0.006	0.000	0.001	0.439	8
AZP831	0.000	0.006	0.000	0.000	0.001	0.000	0.000	0.064	8
AZP832	0.000	0.000	0.000	0.000	0.001	0.000	0.001	0.190	8
AZP833	0.000	0.001	0.000	0.000	0.007	0.000	0.004	1.130	8
AZP834	0.000	0.011	0.000	0.000	0.024	0.000	0.002	0.045	8
AZP835	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP836	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP837	0.000	0.001	0.000	0.000	0.002	0.000	0.000	0.000	5
AZP838	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP839	0.000	0.016	0.000	0.000	0.006	0.000	0.001	0.070	8
AZP840	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP841	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP842	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5
AZP843	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	2
AZP844	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5

**Table 7: Multivariate comparison of modern Coyotepec and San Lorenzo Group specimens found in Oaxaca or the Mixteca Alta to the San Lorenzo reference group and the Late Formative Gris-1 reference group from Oaxaca.**

Date: 5/17/02

Reference groups and numbers of specimens:

1	San Lorenzo	228
2	Oax. Gris-1	102

Variables used:

AS	LA	LU	ND	SM	U	YB
CE	CO	CR	CS	EU	FE	HF
RB	SB	SC	SR	TA	TB	TH
ZN	ZR	AL	BA	CA	DY	K
MN	NA	TI	V			

The following specimens are from modern San Bartolo Coyotepec

Probabilities:

ID. NO.	San Lorenzo	Oax. Gris-1	BEST GP.
MT070	0.022	1.775	2
MT071	0.484	0.131	1
MT072	3.970	3.673	1
MT073	1.380	32.284	2
MT074	0.437	2.708	2
OAX054	0.067	20.657	2
OAX057	0.455	21.160	2
OAX062	0.704	16.003	2
OAX065	0.025	0.171	2
OAX070	0.074	16.427	2
OAX074	0.529	6.584	2
OAX079	0.308	26.920	2
OAX080	0.320	9.291	2
OAX083	0.507	7.428	2
OAX086	0.476	0.234	1
OAX088	1.903	2.976	2
OAX090	0.019	2.297	2
OAX099	3.135	16.144	2
OAX100	0.521	0.192	1
OAX102	0.357	2.564	2
OAX103	0.010	6.518	2
OAX104	0.011	14.682	2

The following specimens are San Lorenzo Group members from the Oaxaca Valley or Mixteca Alta (probabilities are Jackknifed for the San Lorenzo Group).

Probabilities:

ID. NO.	San Lorenzo	Oax. Gris-1	BEST GP.
SLN210	18.025	0.000	1
SLN213	11.648	0.000	1
SLN238	91.712	0.000	1
SLN241	4.440	0.000	1
SLN258	28.170	0.000	1
SLN259	87.075	0.001	1
SLN263	98.338	0.000	1
SLN265	94.509	0.002	1
SLN270	43.802	0.000	1
SLN271	46.754	0.002	1

SLN273	18.851	0.000	1
SLN284	68.243	0.000	1
SLN287	8.900	0.000	1
BLM007	33.717	0.000	1
BLM012	66.098	0.018	1
BLM013	73.199	0.000	1
BLM019	87.300	0.000	1
BLM026	98.191	0.000	1
BLM027	78.865	0.000	1
BLM032	22.112	0.000	1
BLM035	52.982	0.000	1

**Table 8: Summary of the archaeological contexts of analyzed ceramics with secure provenance assignments.**

<b>Archaeological Context:</b>	<b>Provenance, as identified by INAA:</b>						Basin of Mexico*	San Isidro*	Laguna Zope*
	San Lorenzo*	La Venta*	Mazatan*	Oaxaca*	Etlatongo*				
San Lorenzo	196	0	0	0	0	0	0	0	0
La Venta	0	121	0	0	0	0	0	0	0
Mazatan	23	0	177	0	0	0	0	0	0
Oaxaca	10	0	0	40	0	0	0	0	0
Etlatongo	25	0	0	0	22	0	0	0	0
Basin of Mexico	17	0	0	0	0	85	0	0	0
San Isidro	1	0	0	0	0	0	41	0	0
Laguna Zope	3	0	0	0	0	0	0	0	58

\*San Lorenzo includes San Lorenzo and San Lorenzo White group members; La Venta includes only La Venta local; Mazatan includes Mazatan local and Mazatan anomalous but not unassigned Mazatan; Oaxaca includes Oaxaca-1 only; Etlatongo includes Etlatongo-1 and Etlatongo-2; Basin of Mexico includes Tlapacoya only; San Isidro includes San Isidro only; and Laguna Zope includes only Tehuantepec local.

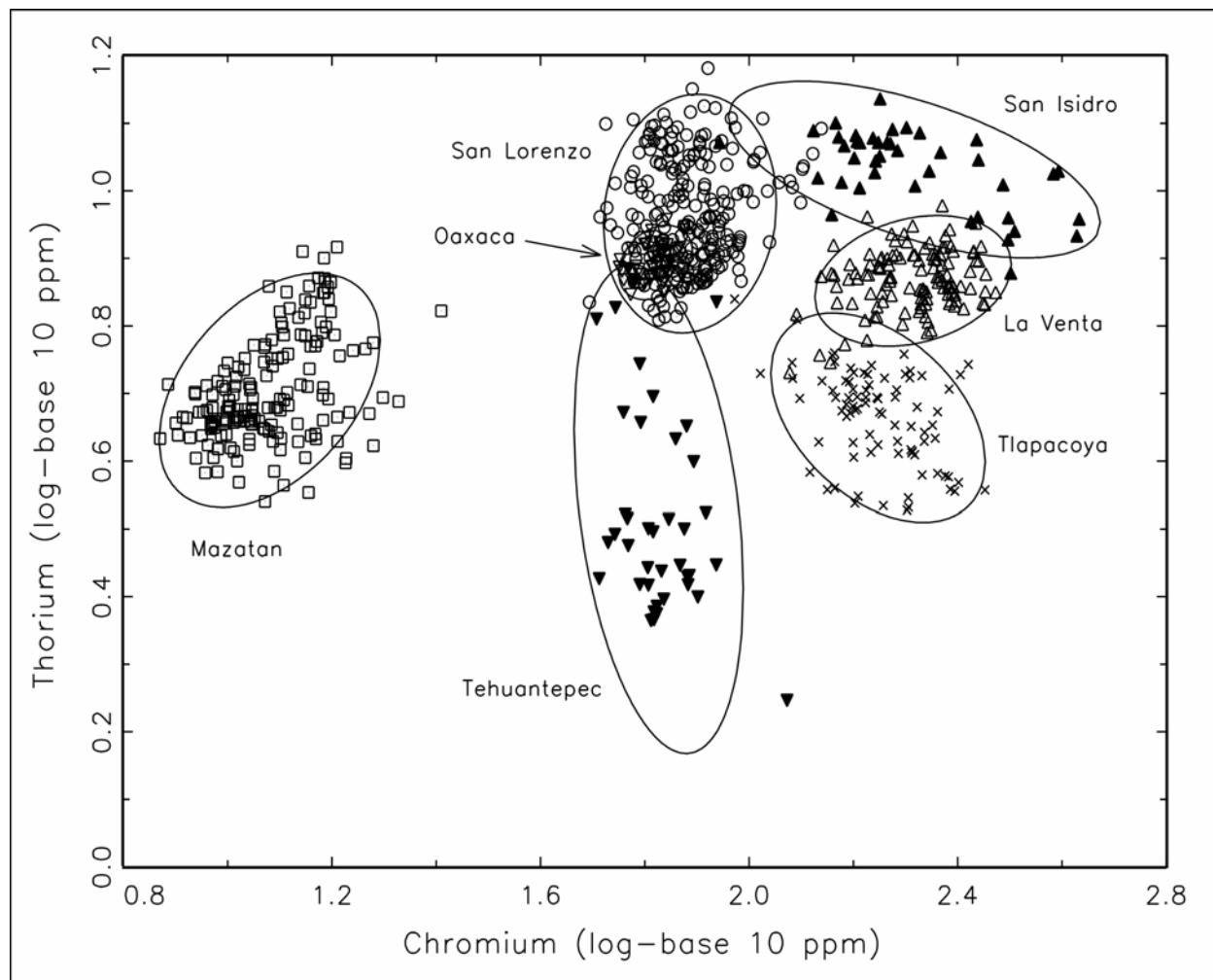


Figure 1.

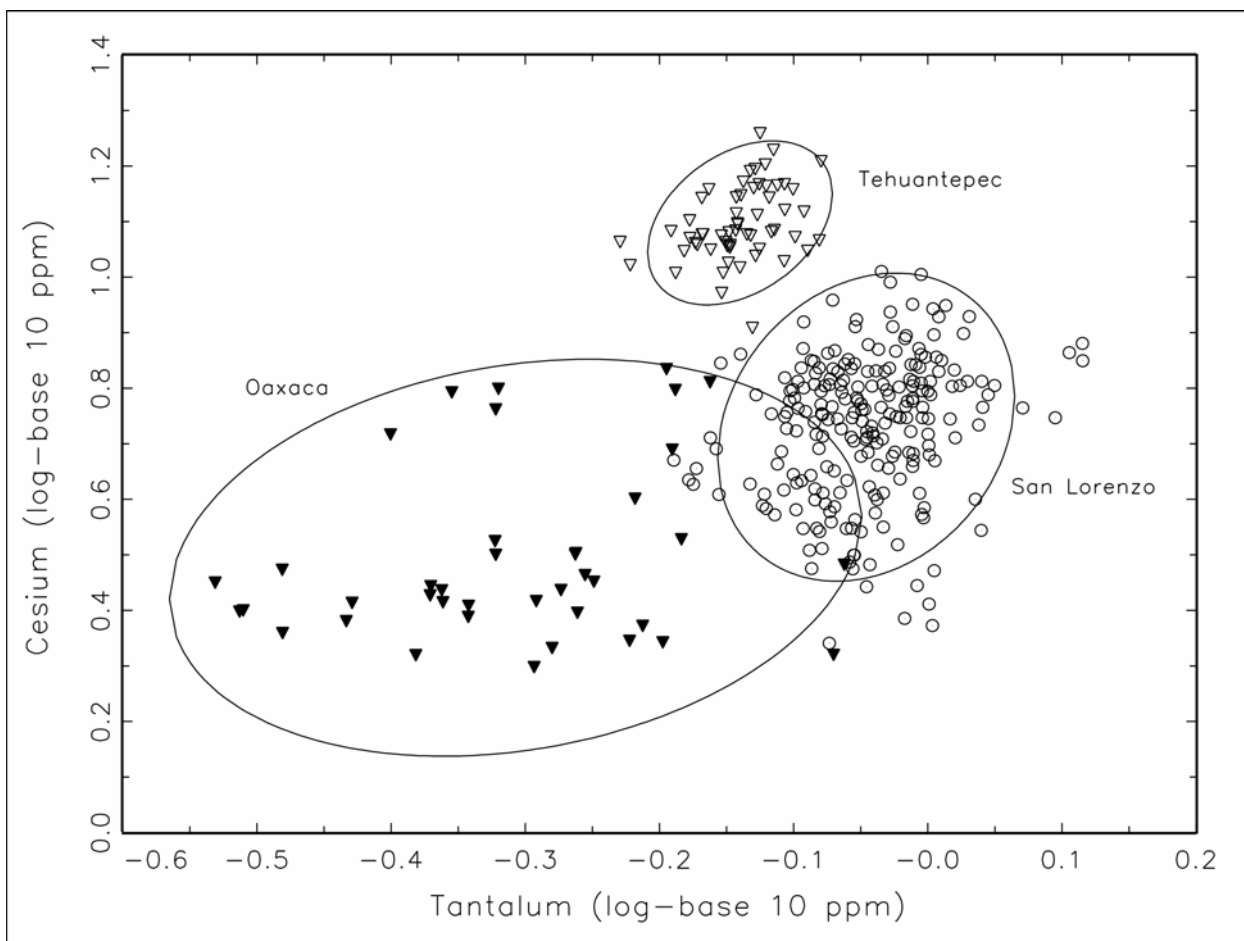


Figure 2.

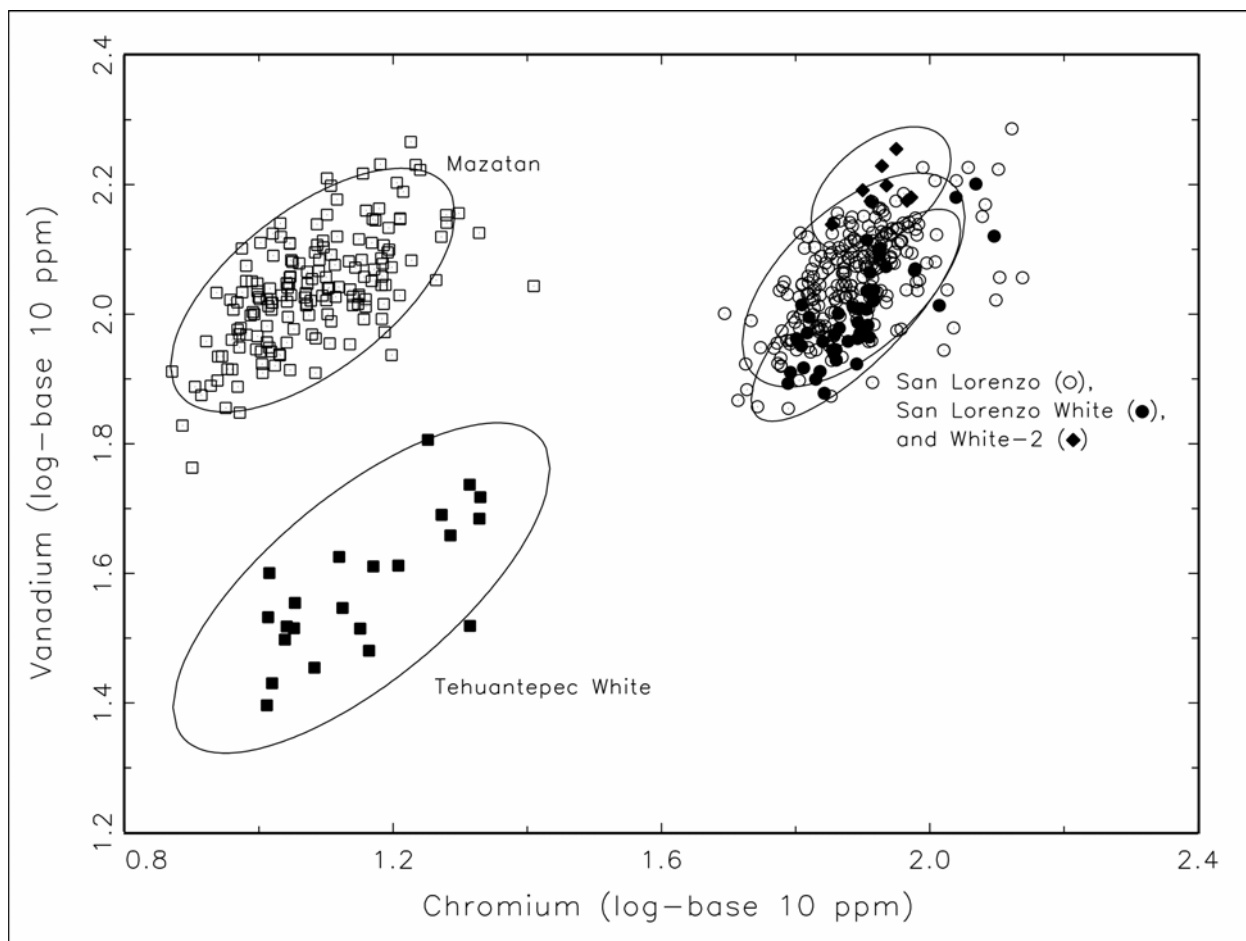


Figure 3.



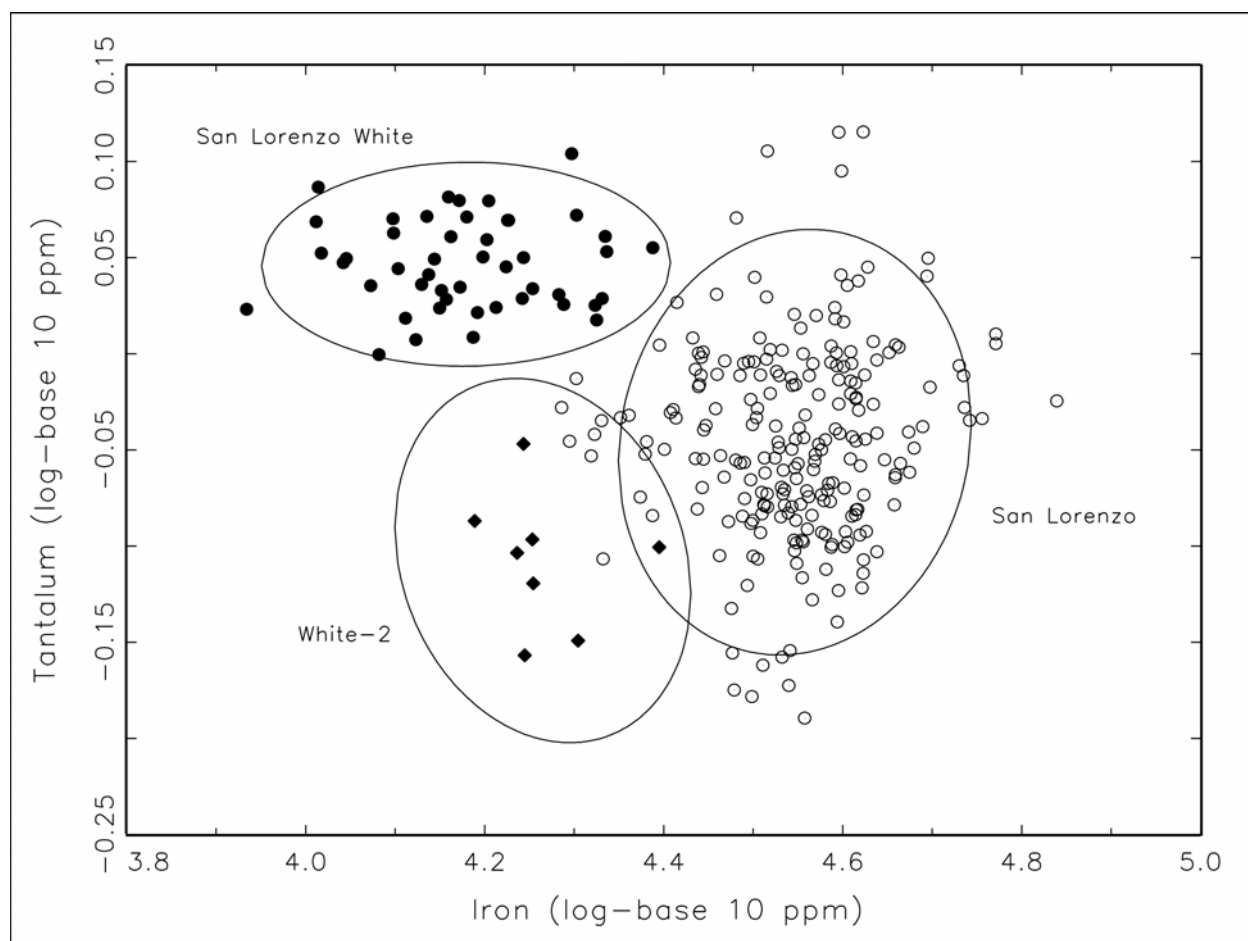


Figure 4.

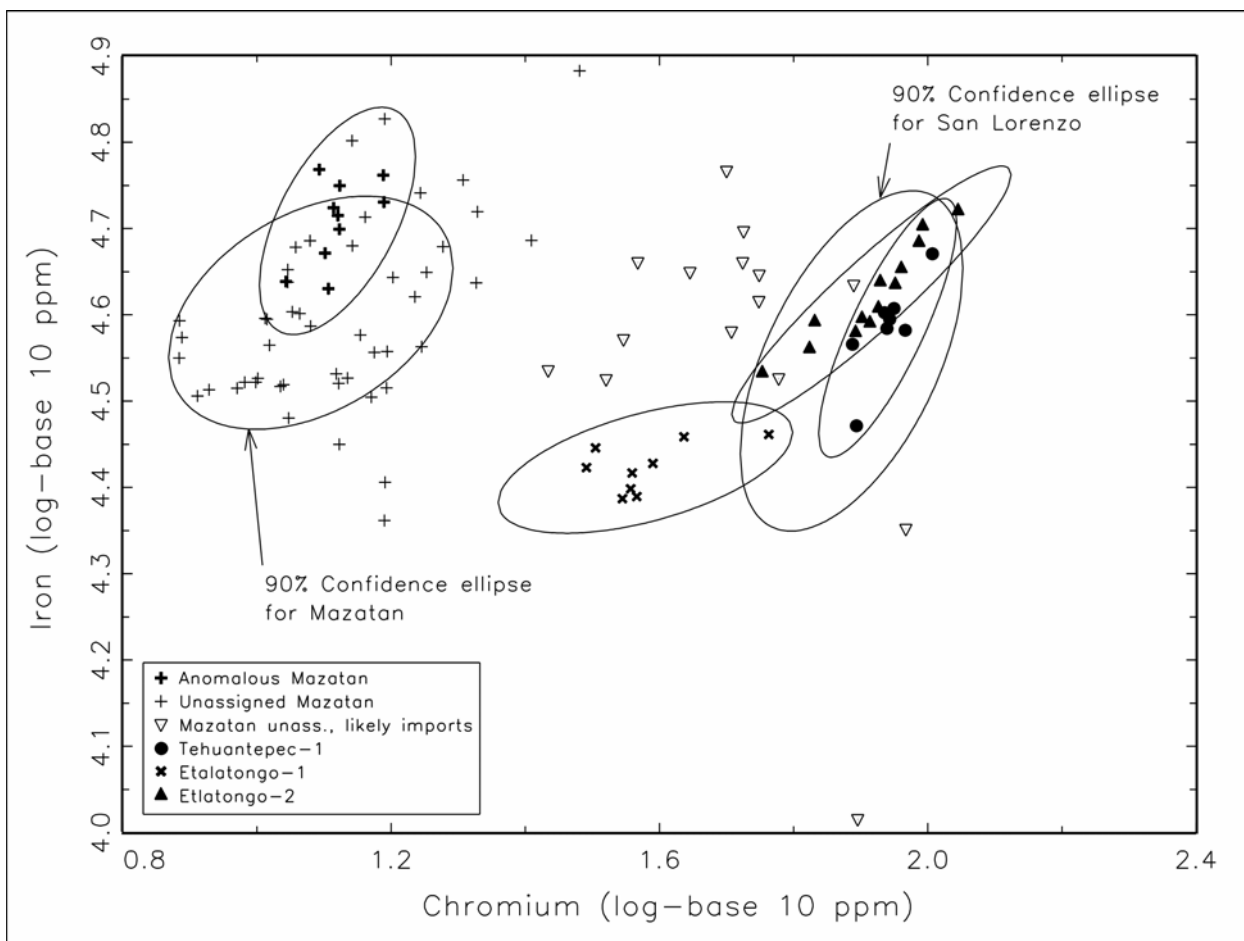


Figure 5.

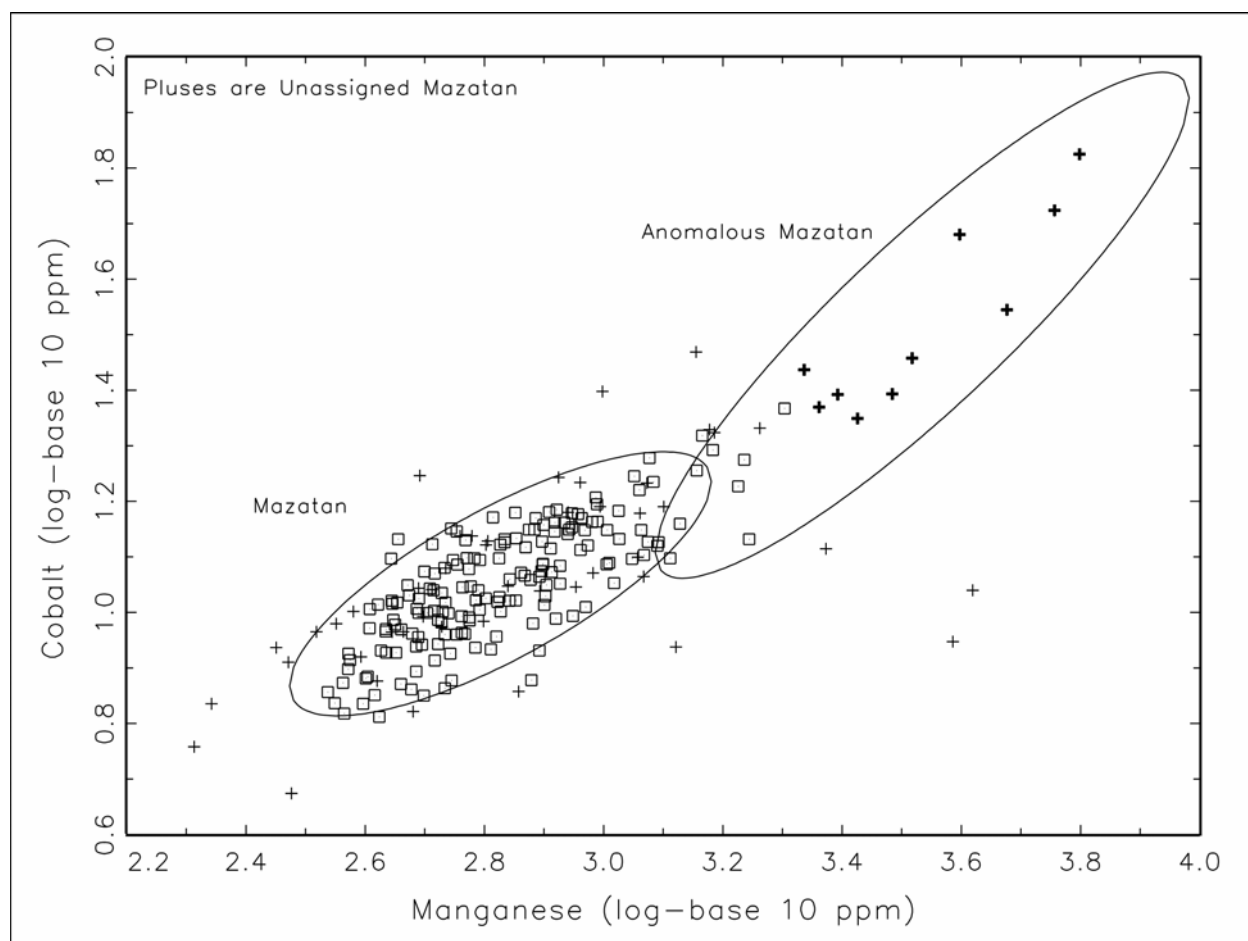


Figure 6.

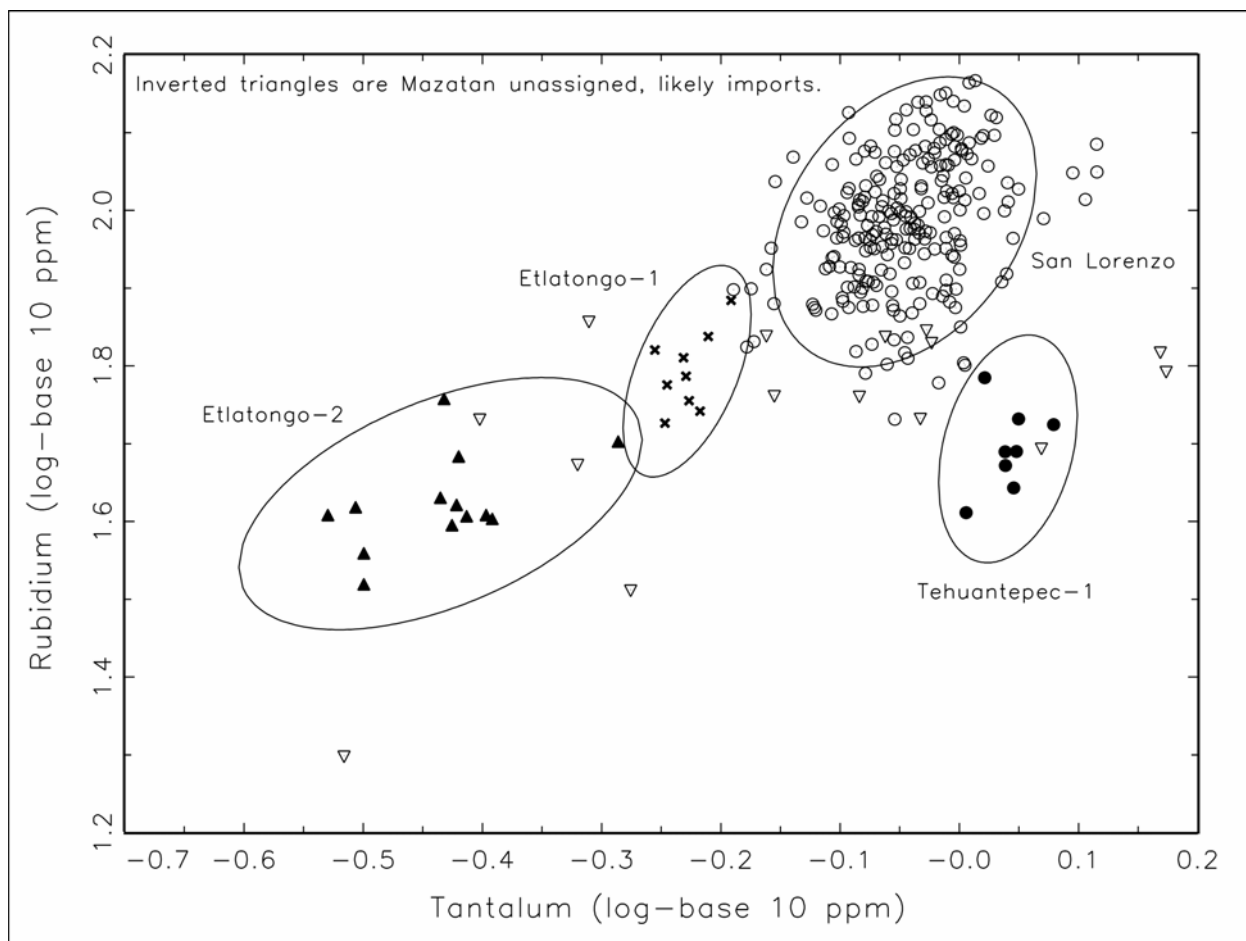


Figure 7.

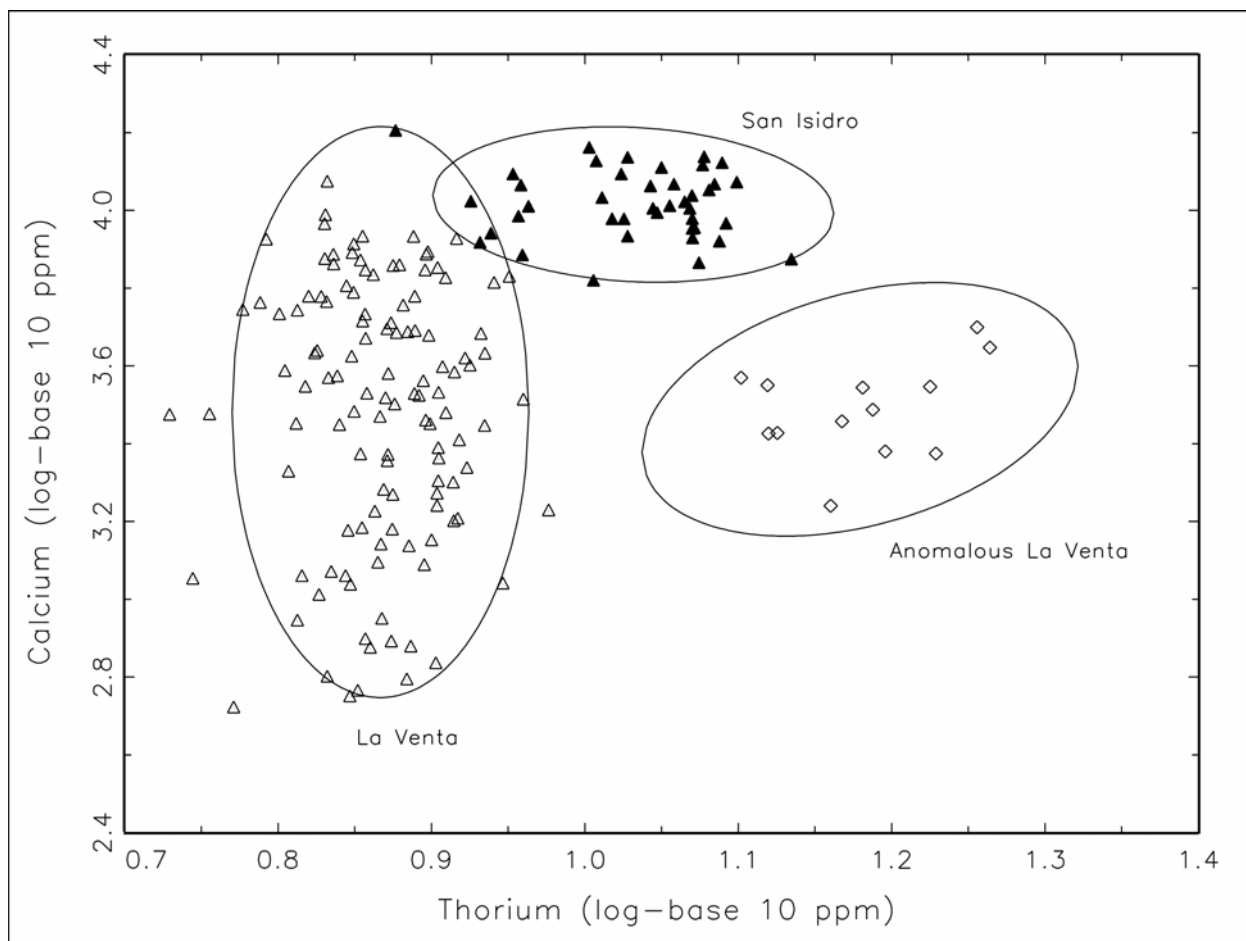


Figure 8.

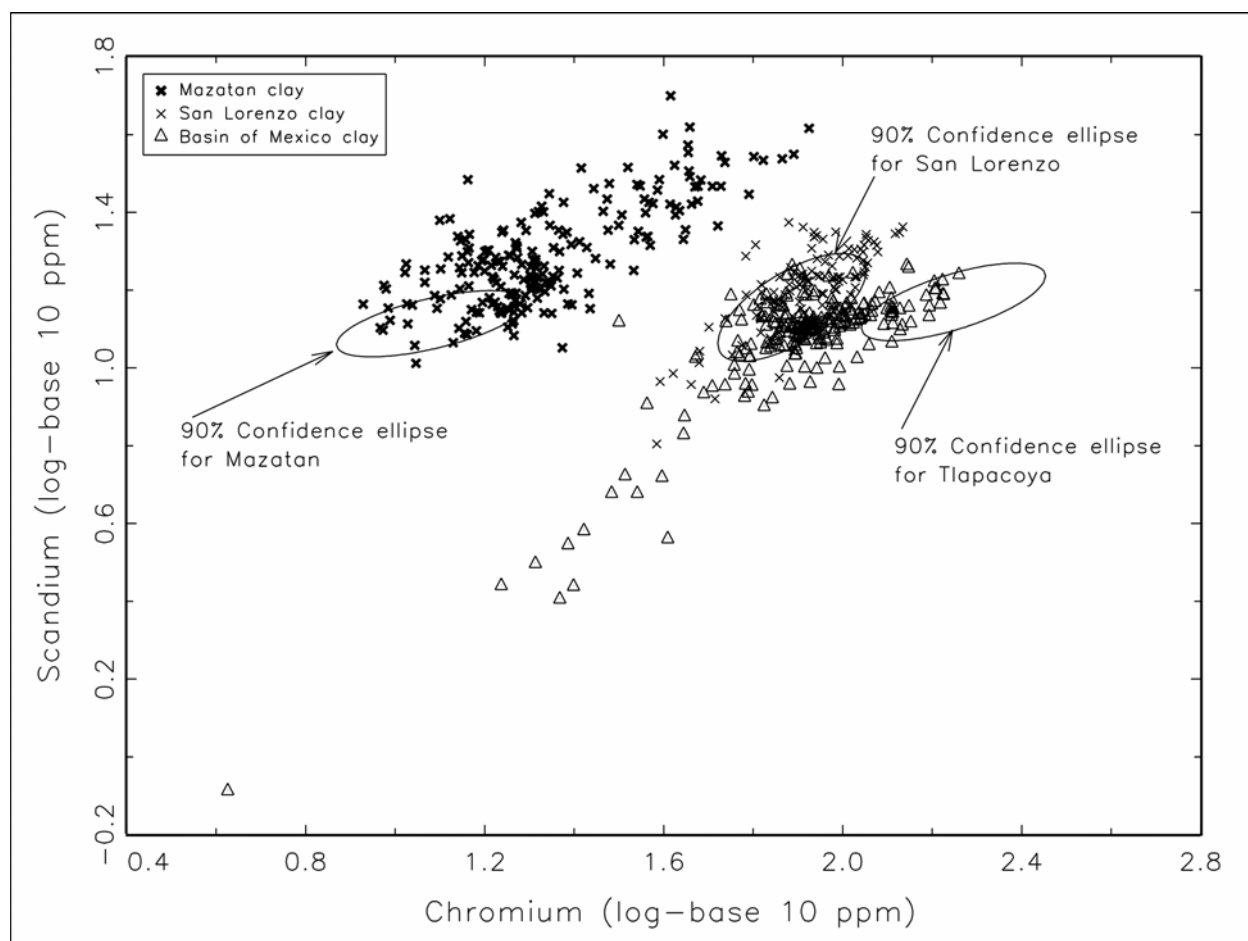


Figure 9.

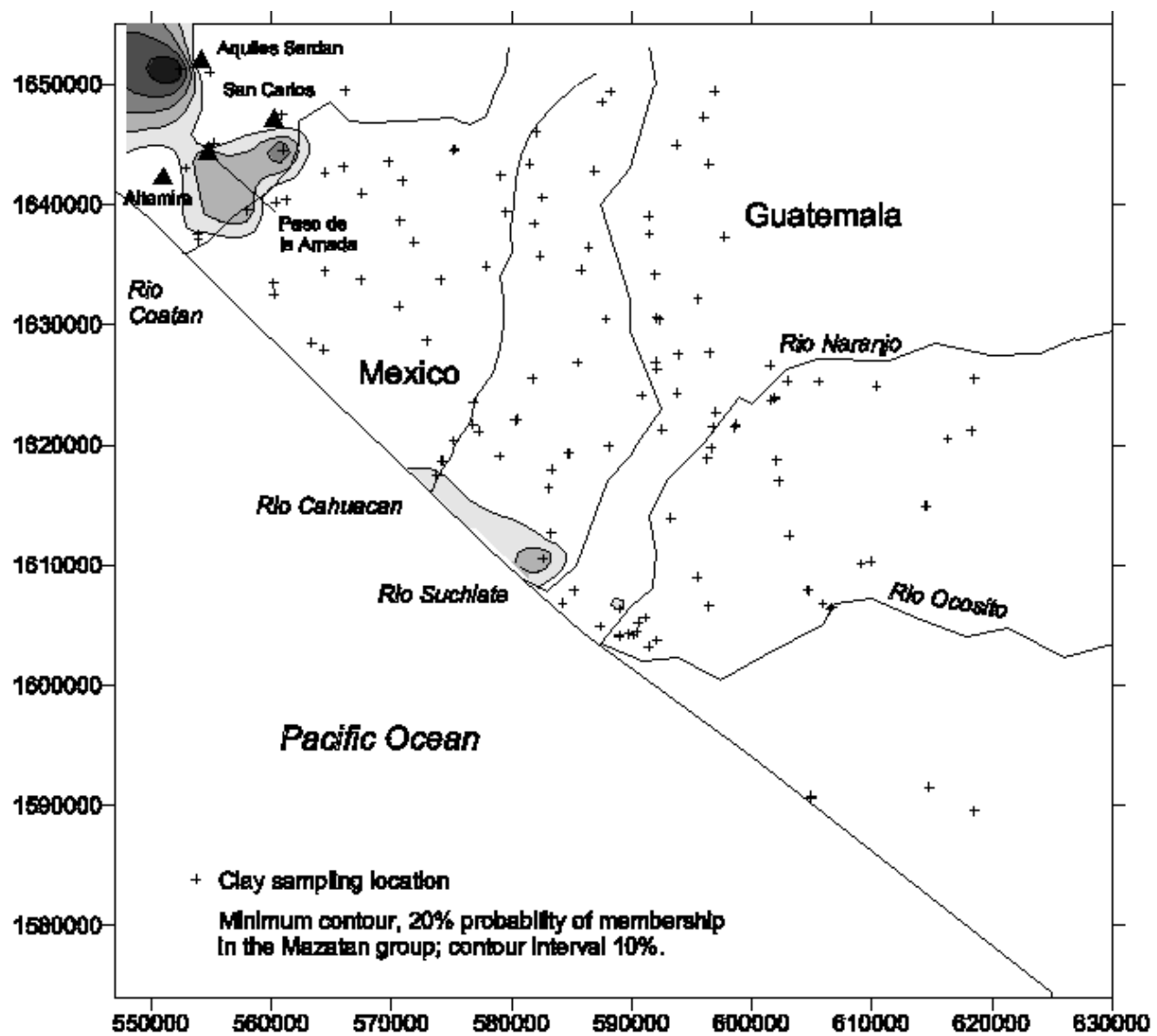


Figure 10.

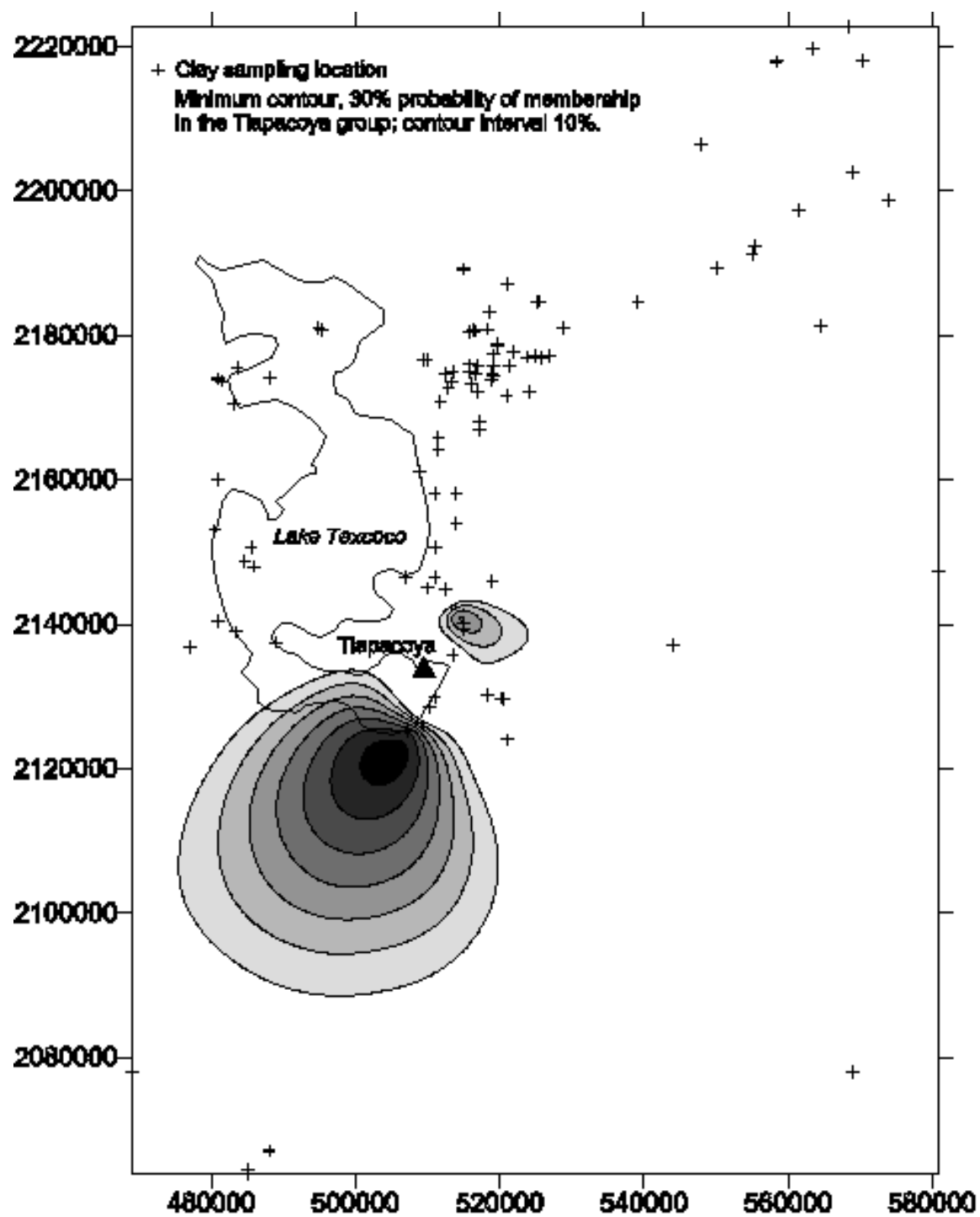


Figure 11.