

# **Supplemental Ground Stone Data from the 2008-2009 Excavations at Las Capas, AZ AA:12:111 (ASM), Tucson, Pima County, Arizona**

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Jenny L. Adams



Desert Archaeology, Inc.



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## SUPPLEMENTAL INFORMATION ABOUT THE GROUND STONE ASSEMBLAGE FROM LAS CAPAS, AZ AA:12:111 (ASM)

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The ground stone analyzed from the 2008-2009 excavations conducted by Desert Archaeology, Inc., at Las Capas, AZ AA:12:111 (ASM), especially from the early and late San Pedro phase (1200-800 B.C.) deposits, is the focus of research reported in Adams (2014c). The information presented here is organized by the same time and space categories as are used in that publication, but the collections from each locus are described in more detail. The details are important for the glimpses they provide into the activities that occurred in particular locations. For example, the locations of artifacts associated with pigment-processing activities changed through time at Las Capas. Additionally, the details about secondary tool use make it clear that an accounting of tool type alone is not a good indication of the activities in which they were used. For a more in depth discussion about how the people who farmed and lived at Las Capas incorporated ground stone into their activities, see Adams (2014b, 2014c). The variables recorded for each of 785 artifacts are presented in Table 2.1 (this volume).

### STRATUM 507 (PRE-SAN PEDRO PHASE)

Stratum 507 is the deepest and earliest stratum excavated at Las Capas, and with a date possibly older than 1250 B.C., is considered pre-San Pedro phase. The analyzed ground stone assemblage from this stratum is small, with nine pieces representing food-processing, pigment-processing, and stone-working activities (Table 1.1). The items were in different contexts: seven were in extramural pits, and two were in other extramural contexts (Table 1.2). One tool was analyzed from an extramural context in Locus A; the rest were from Locus B.

The artifact from Locus A is a flat/concave mano. This mano and two flat/concave manos and a pestle in Locus B are all that represent pre-San Pedro phase food-processing activities in Stratum 507. The pestle in Locus B was used with a wooden mortar. A bro-

ken flat/concave metate was originally designed for food processing, but was secondarily used for processing red pigment. Evidence for pigment processing in the pre-San Pedro phase assemblage can be seen on three items (Table 1.3). In addition to the metate fragment used to process pigment, one hematite-rich rock and one sample of processed caliche were recovered. The hematite would have produced a shade of red, and the caliche is white (Table 1.4).

Only two pieces are representative of pre-San Pedro phase manufacturing activities. A thin pebble has use-wear on the edges consistent with stone-working and on both flat surfaces consistent with woodworking (Figure 1.1a). A natural notch in the stone facilitated holding the tool, and wear from handling is clearly visible. One piece of schist was brought to Las Capas, probably for eventual manufacture of a tool. Schist does not outcrop near the site, and as it was not river tumbled, it must have been selected from a distant source.

Stratum 507 was excavated most extensively in Locus B; therefore, the representation of activities at Las Capas during this earliest time period may be incomplete. The fact that three whole, flat/concave manos were found but no compatible metates recovered is a reminder that much is missing from the archaeological record, either moved by the inhabitants or scavenged by others.

### STRATUM 506 (EARLY SAN PEDRO PHASE)

The largest ground stone assemblage ( $n = 263$ ) recovered during the 2008-2009 excavations at Las Capas was in Stratum 506, which dates to the early San Pedro phase (circa 1220-1000 B.C.). The assemblage was recovered from Loci A, B, and F, with most (78 percent) in Locus B (Table 1.5). Less than 10 percent of the early San Pedro phase assemblage was associated with seven pit structures, including six interior features and four postholes (Table 1.6). Al-

**Table 1.1.** Artifacts used in pre-San Pedro phase activities in two loci at Las Capas, AZ AA:12:111 (ASM).

Activity/Artifact	Locus		Total (No.)
	A	B	
<i>Food Processing</i>	1	3	4
Mano	1	2	3
Pestle	–	1	1
<i>Pigment Processing</i>	–	3	3
Metate	–	1	1
Pigment source	–	1	1
Raw material	–	1	1
<i>Manufacture</i>	–	1	1
Abrader	–	1	1
<i>Stoneworking</i>	–	1	1
Raw material	–	1	1
Total	1	8	9

**Table 1.2.** Pre-San Pedro phase contexts with ground stone artifacts in two loci at Las Capas, AZ AA:12:111 (ASM).

Activities/Context	Locus		Total	
	A	B	No.	Percent
<i>Food processing</i>	1	3	4	
Extramural	1	2	3	75.0
Extramural pit	–	1	1	25.0
<i>Pigment processing</i>		3	3	
Extramural pit	–	3	3	100.0
<i>Manufacture</i>		1	1	
Extramural pit	–	1	1	100.0
<i>Stoneworking</i>		1	1	
Extramural pit	–	1	1	100.0
Summary				
Extramural pit	–	7	7	77.8
Extramural	1	1	2	22.2
Total	1	8	9	

though relatively small, the pit structure assemblages have tools and samples associated with food-processing, pigment-processing, and manufacturing activities. Three mortuary features had 55 associated ground stone items. The rest of the collection was in extramural features including 80 bell-shaped pits, 48 extramural pits, 1 extramural surface and associated pits, and 4 other extramural contexts. Not surprisingly, most (67 percent) of the early San Pedro phase ground stone assemblage was recovered from bell-shaped pits (Table 1.7).

### Stratum 506, Locus A (Early San Pedro Phase)

The assemblage from the early San Pedro phase Locus A includes 44 artifacts used in food-process-

ing, pigment-processing, and manufacturing activities (Table 1.8). Most (59 percent) of the artifacts were recovered from extramural bell-shaped pits (Table 1.9).

#### *Processing*

The only processing tool analyzed from Locus A is a broken netherstone from bell-shaped pit Feature 4250. It was used for processing on one surface, and an edge was flaked for light use as a chopper.

#### *Food Processing*

Among the 13 food-processing tools recovered from early San Pedro phase Locus A contexts, only two (15 percent) were associated with pit structures. Two metate fragments were in interior features, but were probably not used there for food processing. The rest of the food-processing tools in Stratum 506 Locus A were from extramural bell-shaped pits (54 percent) and other extramural contexts (31 percent) (Table 1.10). Three whole flat/concave manos were in extramural pits and bell-shaped pits. It seems most likely that they were placed in these pits for storage. None were burned or used for anything but food processing. Most (73 percent) of the food-processing tools for which use was identifiable were only used for food processing (Table 1.11). Three exhibited some secondary use. The pestle from Locus A was used in a stone mortar, with secondary use against a flat netherstone. Two manos had secondary use as a lapstone and a pestle, but those activities did not remove them from their primary uses as food-processing tools. The seven manos and three metates were mostly flat/concave (Table 1.12). Only one mano was used in a basin metate, and no basin metates were found in the early San Pedro phase deposits of Locus A.

Two metates and nine manos from Locus A, six metates and 12 manos from Locus B, and four metates and five manos from Locus F are compatible but were located in disparate contexts across the settlement (Figures 1.2-1.3; Table 1.13).

#### *Pigment Processing*

The evidence for pigment processing in early San Pedro phase Locus A contexts includes artifacts used in processing raw material and a few samples of processed pigment (Table 1.14). In all, 17 items were recovered from Locus A contexts; none were in pit structures, most ( $n = 11$ ) were in extramural bell-shaped pits, and the rest were in extramural pits or other extramural contexts. The seven samples of raw material include rock and earthy hematite and one sample of earthy limonite; each one a slightly dif-





**Table 1.4.** Temporal distribution of pigment colors, represented by artifact type, at Las Capas, AZ AA:12:111 (ASM).

	Pre-San Pedro	Early San Pedro	Late San Pedro		Total		
Color/Material	Stratum 507	Stratum 506	Stratum 505	Stratum 504	No.	%	Munsell Values
Yellow Shades							
Raw material	–	3	2	4	9	4.9	10YR 6/8, 7/6, 7/8, 8/8
	–	1	–	1	2	1.1	5YR 6/8, 7/8
Subtotal	–	4	2	5	11	6.0	
Red Shades							
Abrader	–	1	–	1	2	1.1	10R 3/6, 4/6
Disk	–	–	–	1	1	0.5	10R 4/6
Hammerstone	–	7	–	3	10	5.5	10R 3/6, 4/6, 4/8
Handstone	–	3	1	8	12	6.6	10R 4/4, 4/6, 4/8
Lapstone	–	1	–	4	5	2.7	10R 4/6, 4/8, 5/6
Mano	–	9	3	9	21	11.5	10R 3/4, 4/3, 4/4, 4/6, 4/8, 5/8
Metate	1	1	–	5	7	3.8	10R 4/4, 4/6, 4/8
Mortar	–	–	–	1	1	0.5	10R 4/8
Netherstone	–	3	–	4	7	3.8	10R 4/4, 4/8, 5/6, 5/8
Painted rock	–	1	–	–	1	0.5	10R 4/6
Pecking stone	–	4	–	1	5	2.7	10R 3/6, 4/4, 4/8, 5/8
Pestle	–	2	–	1	3	1.6	10R 4/8, 5/8
Pigment	1	6	–	–	7	3.8	10R 3/6, 4/2, 4/6, white
Polisher	–	1	–	–	1	0.5	10R 5/8
Scraper	–	1	–	–	1	0.5	10R 3/6
Raw material	1	32	7	48	88	48.1	10R 3/6, 4/2, 4/3, 4/4, 4/6, 4/8, 5/3, 5/6, 5/8, 6/4, 6/8, green, white
Subtotal	3	72	11	86	172	94.0	
Total	3	76	13	91	183		

Note: Some pigment was too small to identify color.

ferent shade of red or reddish-yellow. Six were in five extramural bell-shaped pits, and one was in an extramural pit. Three samples of earthy hematite appear to have been cleaned, possibly ground, and ready for use. The tools used in processing include two netherstones, a hammerstone, a handstone, a mano, and a pestle (see Table 1.8). Raw materials were probably ground with the netherstone and mano. The hammerstone and the pestle were probably used for abrading processed pigment into a powder. One netherstone was redesigned and used as a pick (Figure 1.4), but continued to process red pigment after being redesigned.

#### *Manufacturing*

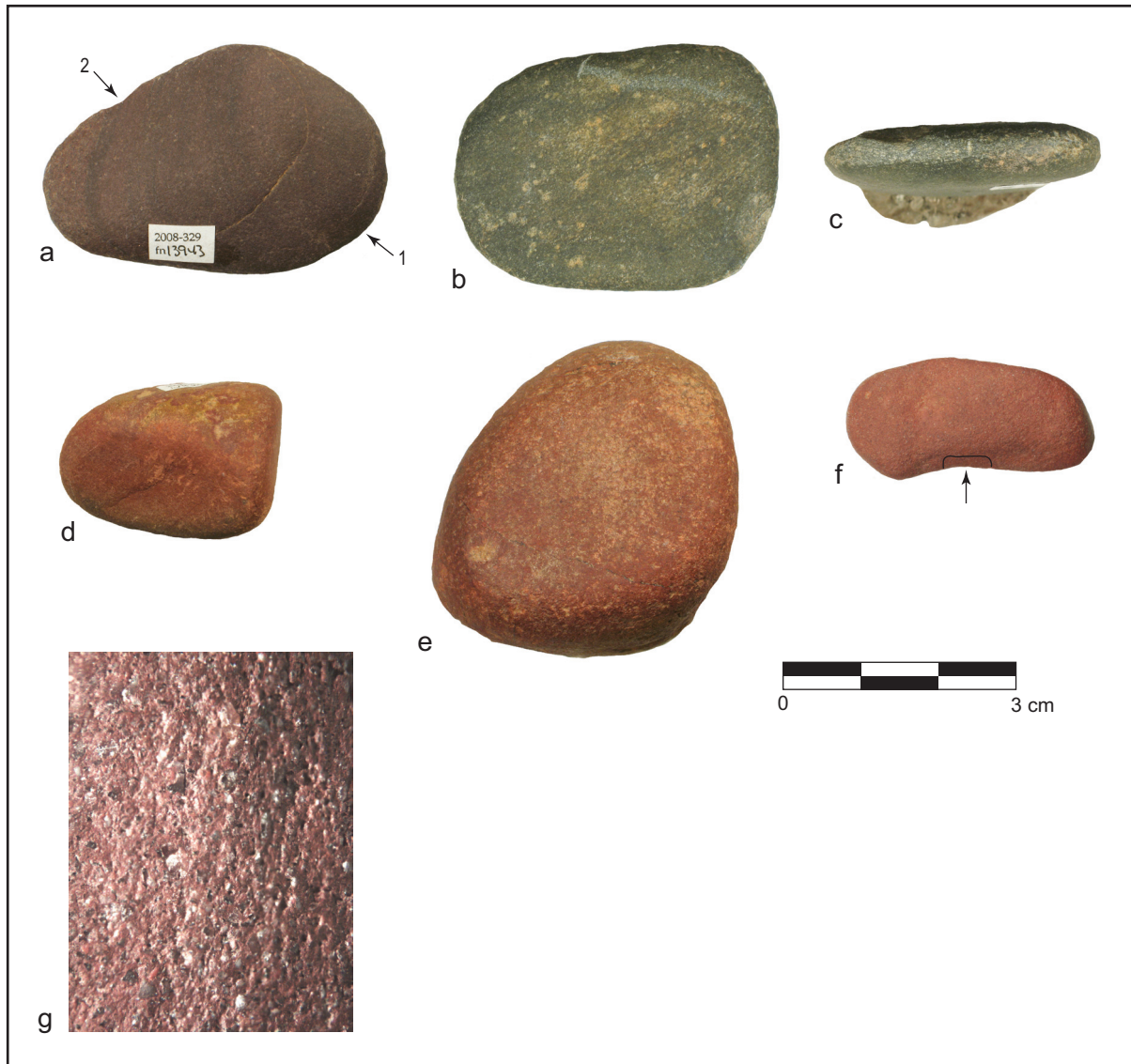
Seven tools in early San Pedro phase Locus A were used in manufacturing activities, but did not have distinctive enough use-wear to determine more precisely what they made, and each was in a different feature. They were in four extramural bell-shaped pits, two pit structures, and an extramural context. Five are thin pebbles with edges used to abrade other surfaces. Three of these pebble abrad-

ers were secondarily used; two were used as choppers in delicate work, and one was used as a polisher. Another pebble has a sharp cutting edge reminiscent of a tabular tool. The seventh tool is a netherstone with several small spots that had been used for smoothing small hard objects (see Table 1.8).

One lapstone has use-wear consistent with wood-working (Figure 1.5). It was in an extramural context in Locus A. Two shaped stones, three pecking stones, and a newly manufactured mano represent stoneworking. The shaped pieces have been modified by grinding, but are unfinished. One is a partially ground piece of phyllite, and the other is a quartzite disk. The pecking stones all have impact fractures from shaping stone and could have been used to make tools like the unused mano.

#### **Stratum 506, Locus B (Early San Pedro Phase)**

The early San Pedro phase ground stone assemblage from Locus B is larger than the assemblages from any other locus or stratum at the site (see Table 1.5). Manos are the most numerous tools, represent-



**Figure 1.1.** Pebbles used to burnish small objects at Las Capas, AZ AA:12:111 (ASM): (a) edge abrader from a pre-San Pedro phase extramural pit; arrow 1 points to edge used as an abrader, and arrow 2 points to the notch with hand-wear (Feature 9321; FN 13943; Catalog No. 2008-329-464); (b) pebble with edges used for both abrading and polishing and associated with an early San Pedro phase pit structure; arrow points to edge illustrated in (c) (Feature 7245; FN 6712; Catalog No. 2008-329-465); (c) edge used against an asperite surface; (d) one surface and an edge used for burnishing on a pebble from an early San Pedro phase pit structure (Feature 7862; FN 13259; Catalog No. 2008-329-466); (e) surface used for burnishing; use-wear is not distinctive enough anywhere on the pebble to recognize what was burnished, but probably wood; (f) pebble with an edge used to burnish a resilient surface; arrow points to location illustrated in (g) (Feature 8417; FN 11810; Catalog No. 2008-329-467); (g) use-wear on edge magnified 30x; rock grains are rounded by wear, which is more typical of burnishing wood or bone than any other material type.

ing food-processing activities, and samples of raw material are the most numerous representatives of pigment-processing activities (see Table 1.8). Pigment-processing activities are a larger percentage of the Locus A assemblage (36 percent) than of the Locus B assemblage (29 percent). More stoneworking tools were in the early San Pedro phase deposits in Locus B, comprising approximately the same percentage of the Locus B assemblage as stoneworking tools from Locus A (Table 1.15). Manufacturing ac-

tivities, in general, are a larger percentage of the Locus A assemblage (32 percent) than the Locus B assemblage (23 percent).

#### *Processing*

Processing tools in Locus B were found in 3 extramural pits, 8 extramural bell-shaped pits, 3 pit structures, and 2 extramural contexts. The 17 tools recovered include 3 choppers, 2 hammerstones, 8

**Table 1.5.** Activities represented by ground stone artifacts across seven loci at Las Capas, AZ AA:2:111 (ASM).

Phase/Activity	Locus											
	A		B		C		D		E		F	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Late San Pedro, Stratum 504												
Processing	-	-	2	16.7	1	8.3	5	41.7	1	8.3	3	25.0
Food processing	1	4.8	2	9.5	6	28.6	4	19.0	7	33.3	1	4.8
Pigment processing	7	7.6	6	6.5	3	3.3	30	32.6	44	47.8	2	2.2
Manufacture	3	23.1	2	15.4	1	7.7	3	23.1	3	23.1	1	7.7
Stoneworking	4	21.1	2	10.5	3	15.8	6	31.6	4	21.1	-	-
Woodworking	-	-	-	-	-	-	4	100.0	-	-	-	-
Hideworking	-	-	-	-	1	100.0	-	-	-	-	-	-
Paraphernalia	1	33.3	-	-	-	-	1	33.3	1	33.3	-	-
<i>Subtotal</i>	16	9.7	14	8.5	15	9.1	53	32.1	60	36.4	7	4.2
Late San Pedro, Stratum 505												
Food processing	-	-	5	55.6	-	-	1	11.1	-	-	2	22.2
Pigment processing	-	-	9	69.2	-	-	-	-	-	-	2	15.4
Manufacture	-	-	1	20.0	-	-	-	-	-	-	1	20.0
Stoneworking	-	-	1	33.3	-	-	-	-	-	-	2	66.7
Paraphernalia	-	-	1	50.0	-	-	-	-	-	-	1	50.0
<i>Subtotal</i>	-	-	17	53.1	-	-	1	3.1	-	-	7	21.9
Early San Pedro, Stratum 506												
Processing	1	5.6	17	94.4	-	-	-	-	-	-	-	-
Food processing	13	13.5	73	76.0	-	-	-	-	-	-	10	10.4
Pigment processing	16	20.3	60	75.9	-	-	-	-	-	-	3	3.8
Manufacture	7	30.4	16	69.6	-	-	-	-	-	-	0	0.0
Stoneworking	6	16.2	30	81.1	-	-	-	-	-	-	1	2.7
Woodworking	1	33.3	2	66.7	-	-	-	-	-	-	-	-
Paraphernalia	-	-	7	100.0	-	-	-	-	-	-	-	-
<i>Subtotal</i>	44	16.7	205	77.9	-	-	-	-	-	-	14	5.3
Pre-San Pedro, Stratum 507												
Food processing	1	25.0	3	75.0	-	-	-	-	-	-	-	-
Manufacture	-	-	1	100.0	-	-	-	-	-	-	-	-
Pigment processing	-	-	3	100.0	-	-	-	-	-	-	-	-
Stone working	-	-	1	100.0	-	-	-	-	-	-	-	-
<i>Subtotal</i>	1	11.1	8	88.9	-	-	-	-	-	-	-	-
<b>Grand Total</b>	61	13.0	244	52.0	15	3.2	54	11.5	60	12.8	28	6.0
											7	1.5

Note: Does not include mortuary, roasting pits, sheet trash, and unidentifiable artifacts.

**Table 1.6.** Activities represented by ground stone among feature types at Las Capas, AZ AA:12:111 (ASM).

Phase/ Activity	Extramural Bell-shaped Pit		Extramural Pit		Other Extramural		Pit Structure Occupation		Total
	No.	Row %	No.	Row %	No.	Row %	No.	Row %	No.
Late San Pedro									
Stratum 504									
Processing	6	50.0	2	16.7	2	16.7	2	16.7	12
Food processing	6	28.6	3	14.3	5	23.8	7	33.3	21
Pigment processing	22	23.9	17	18.5	9	9.8	44	47.8	92
Manufacture	1	7.7	1	7.7	0	0.0	11	84.6	13
Stoneworking	11	57.9	2	10.5	3	15.8	3	15.8	19
Woodworking	1	25.0	1	25.0	1	25.0	1	25.0	4
Hideworking	1	100.0	-	-	-	-	-	-	1
Paraphernalia	1	33.3	-	-	1	33.3	1	33.3	3
Subtotal <sup>a</sup>	49	29.7	26	15.8	21	12.7	69	41.8	165
Stratum 505									
Food processing	1	11.1	3	33.3	3	33.3	2	22.2	9
Pigment processing	3	23.1	7	53.8	3	23.1	-	-	13
Manufacture	2	40.0	2	40.0	1	20.0	-	-	5
Stoneworking	2	66.7	1	33.3	-	-	-	-	3
Paraphernalia	1	50.0	-	-	-	-	1	50.0	2
Subtotal <sup>a</sup>	9	28.1	13	40.6	7	21.9	3	9.4	32
Early San Pedro									
Stratum 506									
Processing	10	55.6	3	16.7	2	11.1	3	16.7	18
Food processing	43	44.8	30	31.3	16	16.7	7	7.3	96
Pigment processing	47	59.5	22	27.8	7	8.9	3	3.8	79
Manufacture	13	56.5	4	17.4	1	4.3	5	21.7	23
Stoneworking	20	54.1	7	18.9	5	13.5	5	13.5	37
Woodworking	2	66.7	-	-	1	33.3	-	-	3
Paraphernalia	4	57.1	3	42.9	-	-	-	-	7
Subtotal <sup>a</sup>	139	52.9	69	26.2	32	12.2	23	8.7	263
Pre-San Pedro									
Stratum 507									
Food processing	-	-	1	25.0	3	75.0	-	-	4
Manufacture	-	-	1	100.0	-	-	-	-	1
Pigment processing	-	-	3	100.0	-	-	-	-	3
Stoneworking	-	-	1	100.0	-	-	-	-	1
Subtotal <sup>a</sup>	-	-	6	66.7	3	33.3	-	-	9
Grand Total	197	42.0	114	24.3	63	13.4	95	20.3	469

Note: Does not include mortuary, roasting pits, sheet trash, and unidentifiable artifacts.

<sup>a</sup>Row percents.

handstones, 1 lapstone, 2 netherstones, and 1 pestle (see Table 1.8). A handstone was in each of three pit structures, Features 7862, 8417, and 8873. Two of the handstones are broken and burned, probably as a result of the structures burning. The third, in Feature 7862, was used in an unidentified processing activity and was secondarily used in stoneworking as a polisher and a pecking stone.

Two handstones are small enough to have been used with lapstones; three are larger, and were probably used with netherstones. All were used to work

unknown substances. The only lapstone identified as used for processing activities was found on an extramural surface. It had been worked with a small, smooth handstone, but it is not compatible with any of the analyzed handstones. After use, it was heat-shattered in place.

Two hammerstones and two choppers found in extramural pits have use-wear consistent with pulping tasks, and they could have juiced fruits or separated fibers from leaves. Another chopper has use-wear more consistent with chopping harder

**Table 1.7.** Summary of descriptive variables recorded for ground stone artifacts and ecofacts from Las Capas, AZ AA:12:111 (ASM).

	Pre-San Pedro		Early San Pedro		Late San Pedro					
	Stratum 507		Stratum 506		Stratum 505		Stratum 504		Total	
	Variable		Variable		Variable		Variable		Variable	
	No.	%	No.	%	No.	%	No.	%	No.	%
Context										
Pithouse occupation	–	–	23	7.2	3	9.4	69	41.1	95	18.0
Mortuary	–	–	55	17.3	–	–	3	1.8	58	11.0
Extramural pit	6	66.7	69	21.7	13	40.6	26	15.5	114	21.6
Extramural bell-shaped pit	–	–	139	43.7	9	28.1	49	29.2	197	37.4
Extramural surface	–	–	2	0.6	2	6.3	4	2.4	8	1.5
Extramural <sup>a</sup>	3	33.3	30	9.4	5	15.6	17	10.1	55	10.4
Subtotal	9		318		32		168		527	
Condition										
Whole	6	66.7	188	70.9	22	71.0	79	49.7	295	63.6
Broken	1	11.1	31	11.7	–	–	24	15.1	56	12.1
Sample	2	22.2	46	17.4	9	29.0	56	35.2	113	24.4
Subtotal	9		265		31		159		464	
Burned										
Heat cracked	–	–	7	2.7	–	–	7	4.5	14	3.0
Yes	3	33.3	41	15.5	2	6.5	48	30.8	94	20.4
No	6	66.7	216	81.8	29	93.5	101	64.7	352	76.5
Subtotal	9		264		31		156		460	
Design										
Incomplete	–	–	3	1.5	1	5.3	2	2.5	6	2.0
Expedient	4	57.1	89	45.4	10	52.6	43	54.4	146	48.5
Strategic	3	42.9	104	53.1	8	42.1	34	43.0	149	49.5
Subtotal	7		196		19		79		301	
Use										
Single	3	42.9	105	51.7	7	35.0	28	35.4	143	46.3
Reused	–	–	3	1.5	3	15.0	3	3.8	9	2.9
Multiple	3	42.9	60	29.6	7	35.0	36	45.6	106	34.3
Recycled	–	–	5	2.5	–	–	1	1.3	6	1.9
Redesigned	–	–	6	3.0	–	–	3	3.8	9	2.9
Destroyed	–	–	2	1.0	–	–	–	–	2	0.6
Unused	1	14.3	22	10.8	3	15.0	8	10.1	34	11.0
Subtotal	7		203		20		79		309	
Second Use										
Concomitant	1	100.0	55	75.3	7	70.0	32	86.5	95	78.5
Sequential	–	–	18	24.7	3	30.0	5	13.5	26	21.5
Subtotal	1		73		10		37		121	
Wear										
Light	2	22.2	40	15.6	7	23.3	14	9.8	63	14.4
Moderate	3	33.3	122	47.7	9	30.0	55	38.5	189	43.2
Heavy	1	11.1	21	8.2	1	3.3	3	2.1	26	5.9
Unused	3	33.3	73	28.5	13	43.3	71	49.7	160	36.5
Subtotal	9		256		30		143		438	

Note: Unknown or unidentifiable variables not included.

<sup>a</sup>Extramural includes pithouse fill and stratum pits.

**Table 1.8.** Artifacts used in early San Pedro phase, Stratum 506, activities in three loci at Las Capas, AZ AA:12:111 (ASM).

Activity/Artifact	Loci			Total (No.)
	A	B	F	
<i>Processing</i>	1	17		18
Chopper	-	3	-	3
Hammerstone	-	2	-	2
Handstone	-	8	-	8
Lapstone	-	1	-	1
Netherstone	1	2	-	3
Pestle	-	1	-	1
<i>Food Processing</i>	13	73	10	96
Mano	7	53	6	66
Metate	5	15	3	23
Pestle	1	5	1	7
<i>Pigment Processing</i>	16	60	3	79
Abrader	-	1	-	1
Hammerstone	1	6	-	7
Handstone	1	1	1	3
Mano	1	9	-	10
Metate	-	-	1	1
Netherstone	2	1	-	3
Painted rock	-	1	-	1
Pecking stone	-	4	-	4
Pestle	1	1	-	2
Pigment	3	3	-	6
Polisher	-	1	-	1
Raw material	7	31	1	39
Scraper	-	1	-	1
<i>Manufacture</i>	7	16	-	23
Abrader	5	4	-	9
Hammerstone	-	1	-	1
Handstone	-	2	-	2
Lapstone	-	1	-	1
Netherstone	1	1	-	2
Pecking stone	-	2	-	2
Polisher	-	5	-	5
Tabular tool	1	-	-	1
<i>Stoneworking</i>	6	30	1	37
Awl	-	1	-	2
Chopper	-	1	-	1
Hammerstone	-	3	-	4
Hoe	-	1	-	1
Lapstone	-	2	-	2
Mano	1	-	-	1
Ornament	-	5	-	5
Pecking stone	3	4	-	7
Pestle	-	1	-	1
Polisher	-	2	-	2
Raw material	-	9	1	11
Shaped	2	-	-	2
Weaving tool	-	1	-	1

**Table 1.8.** Continued.

Activity/Artifact	Loci			Total (No.)
	A	B	F	
<i>Woodworking</i>	1	2	-	3
Chisel	-	1	-	1
Lapstone	1	-	-	1
Polisher	-	1	-	1
<i>Paraphernalia</i>	-	7	-	7
Fossil	-	4	-	4
Mineral	-	1	-	1
Pipe	-	1	-	1
Pipe, clay	-	1	-	1
Total	44	205	14	263

Note: Does not include mortuary, roasting pits, sheet trash, and unidentified artifacts.

substances, like hard seeds or nuts, rather than pulping.

Two netherstones and a pestle were used for processing unknown substances and were in extramural pits. One netherstone has two opposing surfaces; the second has one grinding surface and an edge redesigned and lightly used as a chopper. The pestle is a long pebble lightly used on each end against a stone surface, not necessarily a mortar.

#### *Food Processing*

Food-processing activities in early San Pedro phase Locus B are represented by 73 tools (85 percent of which are whole). Only five pestles were considered food-processing tools (see Table 1.8). These are the large pestles that would have been used with large, deep mortar basins typically assumed by archaeologists to be rock mortars. The use-wear on all five of these pestles from Locus B is consistent with use in wooden mortars (Figure 1.6).

Manos ( $n = 53$ ) encompass a much larger portion of the assemblage than either pestles or metates, which is typical at Las Capas. Most manos and metates recovered from Locus B were flat/concave tools (see Table 1.12), and most were used only in food-processing tasks (see Table 1.11).

Food-processing tools were more common in extramural bell-shaped pits than any other context in Locus B (see Table 1.10). Two extramural pits and four extramural bell-shaped pits contained more than one whole food-processing tool. Two manos in an extramural pit were secondarily used with grinding and pecking strokes not necessarily related to food processing. A flat/concave mano and a basin metate were in extramural pit Feature 8238. Not only were the tools not compatible, but the metate is a large fragment from an intentional break. A second intentionally destroyed metate was in extramural



**Table 1.9.** Early San Pedro phase contexts with ground stone items in three loci at Las Capas, AZ AA:12:111 (ASM).

Activities/Context	Loci			Total	
	A	B	F	No.	Percent
<i>Processing</i>	1	17	–	18	
Pit structure occupation	–	3	–	3	16.7
Extramural bell-shaped pit	1	9	–	10	55.6
Extramural pit	–	3	–	3	16.7
Extramural surface	–	1	–	1	5.6
Extramural	–	1	–	1	5.6
<i>Food Processing</i>	13	73	10	96	
Pit structure occupation	2	5	–	7	7.3
Extramural bell-shaped pit	7	36	–	43	44.8
Extramural pit	3	26	1	30	31.3
Extramural	1	6	9	16	16.7
<i>Pigment Processing</i>	16	60	3	79	
Pit structure occupation	–	3	–	3	3.8
Extramural bell-shaped pit	11	36	–	47	59.5
Extramural pit	4	16	2	22	27.8
Extramural	1	5	1	7	8.9
<i>Manufacture</i>	7	16	–	23	
Pit structure occupation	2	3	–	5	21.7
Extramural bell-shaped pit	4	9	–	13	56.5
Extramural pit	–	4	–	4	17.4
Extramural	1	0	–	1	4.3
<i>Stoneworking</i>	6	30	1	37	
Pit structure occupation	2	3	–	5	13.5
Extramural bell-shaped pit	3	17	–	20	54.1
Extramural pit	1	5	1	7	18.9
Extramural surface	–	1	–	1	2.7
Extramural	–	4	–	4	10.8
<i>Woodworking</i>	1	2	–	3	
Extramural bell-shaped pit	–	2	–	2	66.7
Extramural	1	0	–	1	33.3
<i>Paraphernalia</i>	–	7	–	7	
Extramural bell-shaped pit	–	4	–	4	57.1
Extramural pit	–	3	–	3	
<i>Summary</i>					
Pit structure	6	17	–	23	8.7
Extramural bell-shaped pit	26	113	–	139	52.9
Extramural pit	8	57	4	69	26.2
Extramural surface	–	2	–	2	0.8
Extramural	4	16	10	30	11.4
Total	44	205	14	263	

Note: Does not include mortuary, roasting pits, sheet trash, and unidentifiable artifacts.

bell-shaped pit Feature 7932. Like the metate in Feature 8238, it was a basin metate; however, the hole flaked in the bottom left the metate in Feature 7932 not whole (Figure 1.7).

Four of the five food-processing tools associated with pit structures in Locus B are broken. Three were in postholes in Feature 8059, and were probably recycled as post supports. The fourth was in a small pit in Feature 8417. Six metates in early San Pedro

phase Locus B were compatible with manos primarily from the same locus and time period, but also with manos in different loci and time periods (Figure 1.8; see Table 1.13). None of the manos and metates found together were compatible.

Of the manos, metates, and pestles recovered from early San Pedro phase Locus B that were used in multiple tasks (see Table 1.11), 12 were secondarily used in a way that did not prohibit their continued



**Table 1.10.** Early San Pedro phase contexts from which food-processing tools were recovered at Las Capas, AZ AA:12:111 (ASM).

Context/Artifact	Locus			Total	Column %
	A	B	F		
<i>Pit Structure</i>	2	5	–	7	7.3
Mano	–	4	–	4	4.2
Metate	2	1	–	3	3.1
<i>Bell-shaped pit</i>	7	36	–	43	44.8
Mano	3	27	–	30	31.3
Metate	3	7	–	10	10.4
Pestle	1	2	–	3	3.1
<i>Extramural Pit</i>	3	26	1	30	31.3
Mano	3	18	–	21	21.9
Metate	–	6	1	7	7.3
Pestle	–	2	–	2	2.1
<i>Extramural</i>	1	6	9	16	16.7
Mano	1	4	6	11	11.5
Metate	–	1	2	3	3.1
Pestle	–	1	1	2	2.1
Total	13	73	10	96	

Note: Does not include tools secondarily used in pigment processing.

**Table 1.11.** Use of early San Pedro phase food-processing tools at Las Capas, AZ AA:12:111 (ASM).

Artifact/Use	Locus			Total	
	A	B	F	No.	Percent
<i>Mano</i>	7	51	6	64	
Single	5	31	4	40	62.5
Redesigned	–	1	–	1	1.6
Reused	–	1	–	1	1.6
Recycled	–	1	–	1	1.6
Multiple	2	17	2	21	32.8
<i>Metate</i>	3	14	3	20	
Single	3	10	2	15	75.0
Destroyed	–	2	–	2	10.0
Multiple	–	2	–	2	10.0
Redesigned	–	–	1	1	5.0
<i>Pestle</i>	1	5	–	6	
Multiple	1	3	–	4	66.7
Single	–	2	–	2	33.3
Total	11	70	9	90	

Note: Does not include tools for which use could not be determined.

use in food-processing tasks. Four manos were also used as pestles, probably in two-step processing tasks of crushing and grinding. Three manos were used like hammerstones or pecking stones in manufacturing tasks. The secondary use of two manos and one pestle was after they were used in food processing.

An edge on one broken mano was used as an abradant. Several spots on one pestle had been used to smooth small, hard objects. Two metates were secondarily used as netherstones with surfaces other than the grinding surface used in manufacturing activities. The sides of two pestles were secondarily used for burnishing small, hard objects.

One basin mano found in bell-shaped pit Feature 7383 was also used as a lapstone to burnish small hard objects. This secondary use could have been what separated it from a compatible metate, which was in an extramural pit Feature 7644 (see Table 1.13). Feature 7383 contained a cache of four additional whole manos, including a second basin mano and three flat/concave manos. Both of the basin manos and one of the flat/concave manos were secondarily used, but in tasks that would not prevent them from being used as food-processing tools. Other early San Pedro phase extramural features that had caches of food-processing tools in Locus B are Features 8904, 8909, 9283, and 9302. The tools in Feature 9302, two whole flat/concave metates and a basin mano, were only used in food processing (see Figure 1.3). Tools cached in the three other extramural features were mostly tools that had been secondarily used in tasks that did not remove them from food-processing activities; none of the tools are compatible. Manos were not used with metates found in the same features. Thus, these caches seem to be assortments of tools, not necessarily tool kits that were stored together.

Two pestles were used exclusively in food-processing activities. As mentioned, the use-wear on all five of the early San Pedro phase pestles from Locus B is consistent with use in a wooden mortar. One pestle has wear on the opposite end from use in a stone mortar (see Figure 1.6). No early San Pedro phase stone mortars were recovered from any locus, and the use-wear on the pestles makes it apparent that wooden mortars were more likely to have been used in food-processing tasks than stone mortars at Las Capas.

#### *Pigment Processing*

Early San Pedro phase pigment-processing activities in Locus B are represented by 31 samples of raw material, 3 samples of processed pigment, and 24 tools that were used in some way to process or use pigment (see Table 1.8). Like Locus A, more pigment-related items were in extramural bell-shaped pits than in any other feature (see Table 1.9); however, in Locus B, raw material samples were found in two pit structures. The tools used in processing were stored in extramural features, and pigment-processing tasks were almost certainly conducted outside. Two extramural pits and five extramural

**Table 1.12.** Early San Pedro phase food-processing tools at Las Capas, AZ AA:12:111 (ASM).

Artifacts/Subtype	Locus						Total	
	A		B		F			
	No.	%	No.	%	No.	%	No.	%
Manos								
Basin	1	9.1	13	18.8	–	–	14	15.6
Flat/concave	6	54.5	37	53.6	6	60.0	49	54.4
Subtotal <sup>a</sup>	7	11.1	50	79.4	6	9.5	63	70.0
Metates								
¾-basin	–	–	1	1.4	–	–	1	1.1
Basin	–	–	6	8.7	–	–	6	6.7
Flat/concave	3	27.3	7	10.1	3	30.0	13	14.4
Subtotal <sup>a</sup>	3	15.0	14	70.0	3	15.0	20	22.2
Pestles								
Cobble	1	9.1	–	–	–	–	1	1.1
Cylindrical	–	–	3	4.3	1	10.0	4	4.4
Shaped	–	–	1	1.4	–	–	1	1.1
Parabolic	–	–	1	1.4	–	–	1	1.1
Subtotal <sup>a</sup>	1	14.3	5	71.4	1	14.3	7	7.8
Total <sup>a</sup>	11	12.2	69	76.7	10	11.1	90	

Note: Does not include unidentifiable subtype, or those secondarily used in pigment processing.

<sup>a</sup>Row percent.

bell-shaped pits contained more than one item related to pigment processing. Both extramural pits and one extramural bell-shaped pit had only processing tools. Two bell-shaped pits had only raw material, and two bell-shaped pits had both tools and raw materials. Processed hematite samples were found in three early San Pedro phase extramural bell-shaped pits in Locus B. Single tools were in two extramural bell-shaped pits and three extramural pits. Single samples of raw material were in four extramural pits, 16 extramural bell-shaped pits, and in the fill of one pit structure.

The abrader, the scraper, and one of the hammerstones were used to abrade soft hematite or a processed pigment cake. The abrader and a pecking stone are the only tools not originally used in other activities. Before being used in pigment processing, hammerstones and one pecking stone were used as pulping stones, and one hammerstone was used as both a pulping stone and a billet. Two hammerstones have paint on them, but it is unclear if they were intentionally painted or if the paint was happenstance. The billet has paint across a natural surface, on one abraded surface, and on the battered edges; thus, the paint was likely applied after the multiple hammerstone uses. Another hammerstone has paint over a natural surface that is then covered with a sheen that may have been from working paint or pigment into a hide. Paint smears on both tools are shades of red.

Pecking stones with pigment had remnants of pigment over some of the impact fractures. The two not previously mentioned were probably used in other crushing tasks, as well as in pigment processing. These tools were used with less force than the hammerstones, and were more likely used to crush softer raw materials than the hammerstones.

The netherstone was interchangeably used to process pigment and other substances. The lapstone was used to shape hard objects before it was used to process red pigment. Two manos were reused to grind pigment in the same way that seeds and kernels were ground on a metate. Although some of the metates had pigment, none of the pigment grinding manos and pigment grinding metates are compatible. Some were subsequently used, probably to grind foods after they were used to grind red pigment (Figure 1.9). One broken mano was used to process multiple colors, black and three shades of red. Another mano was also used as a pestle for crushing pigment, and the rest were used like abraders. Two pestles had evidence of pigment processing but with mortars. One was used to abrade pigment; the second was used like a lapstone with a hard piece of hematite worked across it.

### Manufacturing

Use-wear patterns consistent with stoneworking and woodworking are visible on some of the tools,



**Figure 1.2.** Metates from early San Pedro phase Locus A that could have been used with multiple manos at Las Capas, AZ AA:12:111 (ASM): (a) flat/concave metate with moderate wear; compatible with six manos found in other areas of the site (Feature 4267; FN 6937; Catalog No. 2008-329-492); (b) flat/concave metate with moderate wear; compatible with three manos found in other areas of the site (Feature 4324; FN 7194; Catalog No. 2008-329-478). (Photographs by Rob Ciaccio.)

although most could not be more precisely identified (see Table 1.8). In addition to tools, manufacturing activities are represented by a few unfinished or newly manufactured items and raw material. Manufacturing activities of any type are not as abundantly represented (23 percent) in the Locus B assemblage as food-processing activities (36 percent) (see Table 1.15). Fourteen artifact types represent manufacturing activities in Locus B and only seven

types on Locus A, but this difference is due primarily to sample size (see Table 1.8). More manufacturing tools were recovered from extramural bell-shaped pits than from any other context, which is also typical of tools used in other activities during the early San Pedro phase in Locus B (see Table 1.9).

Tools used in the initial forming stages of manufacture are hammerstones and pecking stones ( $n = 10$ ). Seven displayed distinctive use-wear from stoneworking tasks. One of the two billets used in flaking stone is the previously discussed tool also used to process red pigment. The other five stoneworking hammerstones and pecking stones could have been used in making or refurbishing other ground stone items.

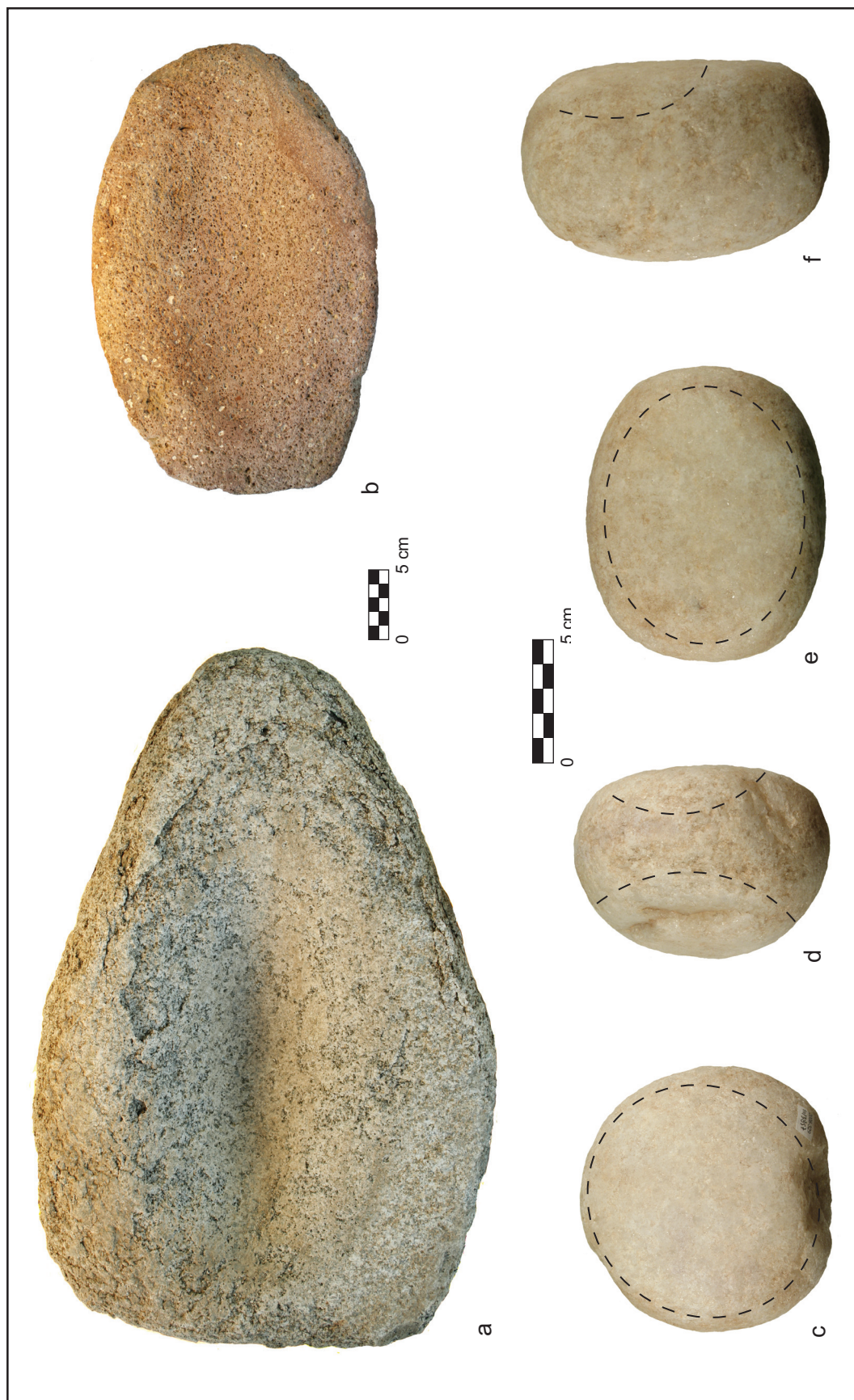
The tools used in the finishing stages of manufacture are polishers, abraders, handstones, lapstones, and netherstones ( $n = 16$ ). Eight polishers and four abraders are pebbles of differing textures that were chosen because they abraded, smoothed, or burnished surfaces, as needed. The broad surfaces of six were used; two burnished stone surfaces and four of the others did not have distinctive use-wear (see Figure 1.1). Six are thin pebbles with the edges being the working part of the stones rather than the surfaces. The edges of two of these tools burnished other surfaces; one burnished wood (see Figure 1.1), and use-wear on the others were not distinctive enough to identify contact type. The edges on four are

more abrasive, but the use-wear is not distinctive enough to identify what they were abrading.

Two handstones have use-wear from manufacturing tasks. Spots on their broad surfaces were used to smoothed hard surfaces. One is broken, and the edge of the break was used in the same manner as the edges of thin pebbles, as described.

The surfaces of three lapstones and one netherstone were probably used for finishing other items.





**Figure 1.3.** Two types of manos and metates recovered from Las Capas, AZ AA:12:111 (ASM): (a) basin metate worn deep, long, and narrow from a basin mano used more with reciprocal strokes in the bottom and circular strokes around the edge (Feature 7403; FN 13089; Catalog No. 2008-329-473); (b) broad, moderately worn flat/concave metate originally used with a flat/concave mano in broad circular strokes; worn deeper in the middle from secondary use with a smaller basin mano (Feature 7632; FN 13689; Catalog No. 2008-329-475); (c) plan view of one surface of a basin mano that was used with a rocking stroke in a relatively shallow basin metate or a heavily worn flat/concave metate; dashed lines outline the worn surface and show where the wear extends over two edges (Feature 9302; FN 13857; Catalog No. 2008-329-474); (d) edge profile of (c), with the dashed lines on the right outlining the surface in (c) and the dashes on the left outlining a second surface that was used with circular strokes in a much deeper basin metate; (e) plan view of a flat/concave mano used in a reciprocal stroke against a broad, relatively flat metate surface; the worn surface extends over the edges, not the ends, from use with a reciprocal rocking stroke (Feature 8835; FN 13682; Catalog No. 2008-329-476); (f) edge profile of (e), with the dashed line marking the extend of surface wear over the edge.

**Table 1.13.** Compatible metates and manos distributed across the Las Capas site, AZ AA:12:111 (ASM).

Stratum	Locus	Feature No./ Feature Type	FN	Associated Feature	Metate	Mano	Feature No./ Feature Type	FN	Distance (m)	Stratum	Locus	Associated Feature	Comments
506	A	4267, Bell-shaped pit	6937	-	Flat/concave	Flat/concave	7952, Bell-shaped pit	11077	95	506	B	-	Mano secondarily used in pigment processing
							7970, Pit	4353	100	506	B	8610, 8011	Mano secondarily used in pigment processing
							8173, Bell-shaped pit	14418	120	506	B	8244	-
							7940, Bell-shaped pit	11315	95	506	B	8011	-
							8567, Pit	13101	95	506	B	-	-
							4307, Bell-shaped pit	7170	10	506	A	4512	-
506	A	4324, Bell-shaped pit	7194	-	Flat/concave	Flat/concave	7970, Pit	4353	100	506	B	8610, 8011	Mano secondarily used in pigment processing
							23000, Extramural	7035	160	505	F	-	-
							13218, Interior bell- shaped pit	2182	285	504	D	-	Mano secondarily used in pigment processing
506	B	7632, Bell-shaped pit	13689	-	Flat/concave	Basin	4000, Extramural	7975	60	506	A	-	Mano compatible with metate secondary use
506	B	7644, Small pit	7861	-	Basin	Basin	7383, Bell-shaped pit	13791	25	506	B	-	Mano secondarily used in pigment processing
							9075, Small pit	14301	70	506	B	-	Mano secondarily used in pigment processing
							7774, Small pit	8653	15	505	B	-	Opposite side used in flat/concave metate
							23000, Extramural	7585	220	506	F	-	-
							8834, Small pit	12187	35	506	B	8012	-
506	B	8441, Bell-shaped pit	13069	7780, 8610	Basin	Basin	9075, Small pit	14301	45	506	B	-	Mano secondarily used in pigment processing
506	B	7664, Small pit	10579	-	Flat/concave	Flat/concave	7977.03, Bell-shaped pit	4663	65	505	B	-	Mano secondarily used as pestle
							3431, Pithouse floor	1804	430	504	E	3340	-
506	B	7664, Small pit	10580	-	Flat/concave	Flat/concave	7000, Extramural	13565	70	507	B	-	-
							7000, Extramural	4848	Unknown	506	B	-	-
506	B	9302, Small pit	13855	7780	Flat/concave	Flat/concave	4533, Bell-shaped pit	8515	110	506	A	4282, 4584	-

Table 1.13. Continued.

Stratum	Locus	Feature No./ Feature Type	FN	Associated Feature	Metate	Mano	Feature No./ Feature Type	FN	Distance (m)	Stratum	Locus	Associated Feature	Comments
506	F	23000, Extramural	12536	-	Flat/concave	Flat/concave	3248, Small pit	1180	Unknown	504	E	-	Mano compatible with metate secondary use
506	F	23000, Extramural	12164	-	Flat/concave	Flat/concave	8176.1, Bell-shaped pit	11797	270	506	B	8058	-
506	F	23860, Pit	12104	-	Flat/concave	Handstone	3431.03, Bell-shaped pit	1845	410	504	E	-	Both used in pigment processing
-	F	23000, Extramural	13849	-	Flat/concave	Flat/concave	4015, Bell-shaped pit	918	110	504	A	-	-
						Flat/concave	7000, Extramural	4848	Unknown	506	B	-	-

**Table 1.14.** Early San Pedro contexts with pigment-related artifacts at Las Capas, AZ AA:12:111 (ASM).

Context/Artifact	Locus			Total	Column Percent
	A	B	F		
<i>Pithouse Occupation</i>	-	3	-	3	3.8
Raw material	-	3	-	3	3.8
<i>Extramural Bell-shaped Pit</i>	11	36	-	47	58.8
Abrader	-	1	-	1	1.3
Hammerstone	1	2	-	3	3.8
Lapstone	-	1	-	1	1.3
Mano	1	3	-	4	5.0
Painted rock	-	1	-	1	1.3
Pecking stone	-	1	-	1	1.3
Pigment	3	3	-	6	7.5
Polisher	-	1	-	1	1.3
Raw material	6	22	-	28	35.0
Scraper	-	1	-	1	1.3
<i>Extramural Pit</i>	4	16	2	22	27.5
Hammerstone	-	2	-	2	2.5
Handstone	1	1	-	2	2.5
Mano	-	4	-	4	5.0
Metate	-	-	1	1	1.3
Netherstone	1	1	-	2	2.5
Pecking stone	-	3	-	3	3.8
Pestle	1	1	-	2	2.5
Raw material	1	4	1	6	7.5
<i>Extramural</i>	2	5	1	8	10.0
Hammerstone	-	2	-	2	2.5
Handstone	-	-	1	1	1.3
Lapstone	1	-	-	1	1.3
Mano	-	1	-	1	1.3
Netherstone	1	-	-	1	1.3
Raw material	-	2	-	2	2.5
Total	17	60	3	80	

A broken lapstone was used to abrade, and the netherstone was used to smooth, although neither had distinctive use-wear. Two of the lapstones were used in stonework to smooth or burnish.

Other evidence for stoneworking includes raw material selected for eventual manufacture into tools or ornaments. Individual pieces of quartzite, schist, rhyolite, and meta-sandstone were probably intended for tool manufacture. One piece of debris was likely from the manufacture of a tool. Four pieces of unmodified muscovite would have been for ornament manufacture, and another piece of muscovite was ground on all edges but not to a specific shape.

Four unfinished or refurbished early San Pedro phase ornaments were recovered from Locus B. Two small pieces of phyllite were ground to begin the shaping of ornaments. A pendant fragment in an ex-

tramural context broke through one hole. The broken hole was smoothed, and a second hole was drilled, which was strung and worn enough to create wear in the hole. The body of the pendant was scored and snapped, perhaps in an effort to salvage the argillite for a new ornament. A thin andesite pebble was abraded around the edges and on one flat surface. The pebble was burned, after which a hole was started but never finished. These few ornaments could have been worked with any of the abrading or burnishing tools previously described.

Newly manufactured or refurbished early San Pedro phase tools in Locus B include a pestle, a hoe, a chopper, and two awls. The pestle was pecked and ground to shape. The hoe and the chopper were flaked to create a working edge on each tool; both are longer than tools used in manufacturing, and may have been intended for working in the dirt. One awl is mudstone ground to a point but that broke before it could be used. The second awl is argillite with a broken hole that was replaced by a second hole, which has no obvious use-wear (Figure 1.10). Several incised lines run the length of one side, and several short lines were incised across the broad surfaces. Use-wear along the edges is light near the hole and dense near the pointed end. This tool could have been used as a batten in the weaving of baskets or small textiles.

One of the previously mentioned polishers was a woodworking tool. The only other early San Pedro phase woodworking tool in Locus B is a chisel (Figure 1.11). It is a slender piece of red mudstone with two opposite ends that alternated between being struck and being sharpened into a bit edge (see Figure 1.11c).

### *Paraphernalia*

Most of the early San Pedro phase items of paraphernalia are natural pieces that were probably collected by individuals for personal reasons. In Locus B, the pieces include four fossils and one mineral. The fossils are silica replacements of worm tubes and other unidentified fragments. The mineral is an unusual piece of caliche. These pieces were in extramural pits and extramural bell-shaped pits.

Two pipes, one stone and one fired-clay, were recovered from extramural bell-shaped pits, Features 7771 and 8024 (Table 1.16). The pipe from Feature 7771 is broken, but had been smoked; it was made from granite (Figure 1.12). The fired-clay pipe (Figure 1.13a-b) in Feature 8024 is burned inside and out, so it is unclear if it had been smoked. No residues are visible in the tobacco chamber. Three other pipes were buried with two inhumations and are described in more detail with other mortuary features in a subsequent section.





**Figure 1.4.** Netherstone used for pigment processing before and after it was redesigned as a pick at Las Capas, AZ AA:12:111 (ASM): (a) netherstone surface has remnants of red pigment (Feature 4000; FN 4335; Catalog No. 2008-329-468); (b) close-up of the pointed end of the pick with some flakes removed from use; pigment is visible on what remains of the netherstone surface and on the flake scars; (c) close-up of the butt end of the chisel, with impact fractures from a hammerstone.

#### Stratum 506, Locus F (Early San Pedro Phase)

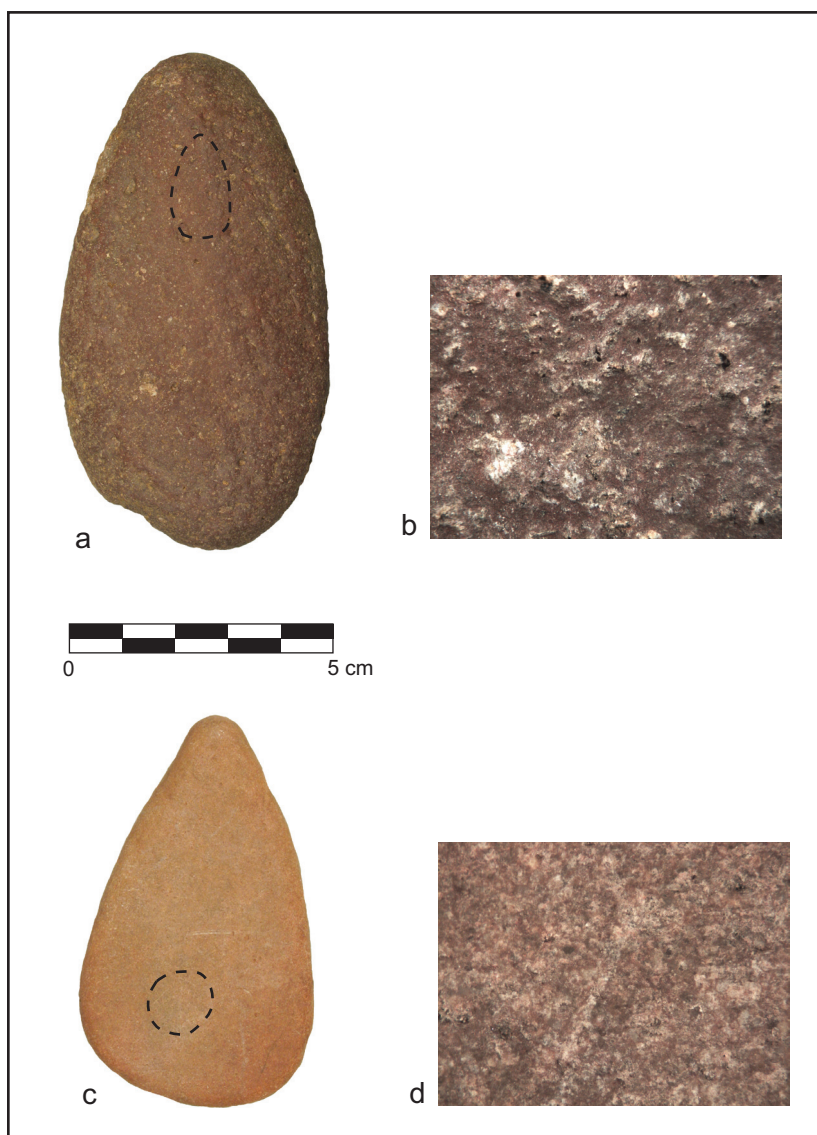
The 14 ground stone items recovered from early San Pedro phase contexts in Locus F were recovered from three extramural pits and other extramural contexts. Eleven were used in food-processing activities, two are associated with pigment processing, and one was associated with manufacturing activities. The food-processing tools are 6 manos, 3 metates, and 1 pestle (see Table 1.4.). A fourth metate was secondarily used for pigment processing. All four metates and all six manos are flat/concave. The pestle is broken, but the remaining end has use-wear consistent with use in a wooden mortar (Figure 1.14).

Four of the six manos were only used in food-processing activities. One of the two with multiple uses has two surfaces, one used in a flat/concave metate and the opposite surface in a basin metate. The second was used in a two-step crushing and grinding task. One mano is compatible with a metate in an early San Pedro phase extramural pit, Feature 7644, located 220 m away in Locus B.

Each of the four early San Pedro phase metates recovered from Locus F is compatible with one or more manos in other locations (see Table 1.13). Three of the metates were in extramural contexts. One may have been intentionally broken, but was redesigned with another metate surface that is compatible with a mano from a late San Pedro phase Stratum 504 extramural pit, Feature 3248, in Locus E. The second metate is compatible with a mano found in an extramural bell-shaped pit associated with an early San Pedro phase extramural surface, Feature 8176, in Locus B. This extramural context is within 3 m of pit structure Feature 8058, which has another mano on the floor; however, no compatible metate was found for this mano. The third metate is compatible with two manos. One was in an early San Pedro phase extramural context in Locus B, and the second was in a late San Pedro phase Stratum 504 extramural bell-shaped pit, Feature 4015, in Locus A.

The fourth metate was in extramural pit, Feature 23860. It had a grinding surface on opposite sides, and each was secondarily used in processing red pigment. One side may have been used to work both





**Figure 1.5.** Lapstones used in manufacturing tasks at Las Capas, AZ AA:12:111 (ASM): (a) naturally flat pebble used on both sides in woodworking tasks; recovered from an early San Pedro phase extramural context in Locus A; circle delineates magnified area illustrated in (b) (Feature 4000; FN 4967; Catalog No. 2008-329-469); (b) magnified (40x) portion of the lapstone surface in (a) that has the most intensive use-wear; the rounded and smoothed grains are distinctive of wood wear; (c) small lapstone with one flat surface used secondarily in stoneworking; recovered from a late San Pedro phase extramural bell-shaped pit in Locus A; circle delineates magnified area illustrated in (d) (Feature 4015; FN 5004; Catalog No. 2008-329-470); (d) magnified (40x) portion of the lapstone surface in (c) that has the most intensive use-wear; the flattened rock grains are distinctive of stone wear.

pigment and caliche. A compatible handstone with the same shade of red pigment was found in a late San Pedro phase Stratum 504 bell-shaped pit, Feature 3431, in Locus E (see Table 1.13).

Other indications of pigment processing in Locus F are one handstone and one piece of limonite. The limonite was probably collected as raw material for yellow pigment, and was recovered from the

fill of an extramural pit. The handstone was collected from an extramural context, and had been used to grind red pigment. The handstone is loosely cemented, reddish sandstone that also would have added color to anything worked with the tool.

Only one piece of stone tool is an indication of stoneworking in Locus F; it was from an extramural pit. The tool stone is dacite, is the right size, and has been roughly shaped for making a tray or other large netherstone (Figure 1.15a).

### Stratum 506 Summary (Early San Pedro Phase)

By far, most of the evidence for early San Pedro phase activities at Las Capas was in Locus B. Food-processing and pigment-processing activities are much better represented in the early San Pedro phase deposits than other activities, especially in Loci A and B (see Table 1.15). The small assemblage from Locus F is dominated by food-processing tools. The ability to match compatible manos and metates demonstrates that these tools were circulated around the settlement through time. Compatible tools were rarely found together in the same feature, which may indicate the tool sets were separated by people who did not originally use them for food processing.

Manufacturing is well represented in Loci A and B;

stoneworking, in particular, is the most specific manufacturing activity recognizable in all three loci. Newly manufactured or refurbished tools and ornaments include 1 pestle, 1 hoe, 1 chopper, 2 awls, and 4 ornaments.

The few pieces of paraphernalia in early contexts were more often associated with mortuary features than other types of features. Both stone and clay

**Table 1.15.** Temporal distribution of activities represented by ground stone artifacts across seven loci at Las Capas, AZ AA:12:111 (ASM).

Stratum/Activity	Locus																Total	
	A		B		C		D		E		F		G					
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
Late San Pedro																		
Stratum 504																		
Processing	-	-	2	14.3	1	6.7	5	9.4	1	1.7	3	42.9	-	-	12	7.3		
Food processing	1	6.3	2	14.3	6	40.0	4	7.5	7	11.7	1	14.3	-	-	21	12.7		
Pigment processing	7	43.8	6	42.9	3	20.0	30	56.6	44	73.3	2	28.6	-	-	92	55.8		
Manufacturing	3	18.8	2	14.3	1	6.7	3	5.7	3	5.0	1	14.3	-	-	13	7.9		
Hideworking	-	-	-	-	1	6.7	-	-	-	-	-	-	-	-	1	0.6		
Stoneworking	4	25.0	2	14.3	3	20.0	6	11.3	4	6.7	-	-	-	-	19	11.5		
Woodworking	-	-	-	-	-	-	4	7.5	-	-	-	-	-	-	4	2.4		
Paraphernalia	1	6.3	-	-	-	-	1	1.9	1	1.7	-	-	-	-	3	1.8		
Stratum 504 Subtotal <sup>a</sup>	16	9.7	14	8.5	15	9.1	53	32.1	60	36.4	7	4.2	-	-	165			
Stratum 505																		
Food processing	-	-	5	29.4	-	-	1	100.0	-	-	2	28.6	1	14.3	9	28.1		
Pigment processing	-	-	9	52.9	-	-	-	-	-	-	2	28.6	2	28.6	13	40.6		
Manufacturing	-	-	1	5.9	-	-	-	-	-	-	1	14.3	3	42.9	5	15.6		
Stoneworking	-	-	1	5.9	-	-	-	-	-	-	2	28.6	-	-	3	9.4		
Paraphernalia	-	-	1	5.9	-	-	-	-	-	-	-	-	1	14.3	2	6.3		
Stratum 505 Subtotal <sup>a</sup>	-	-	17	53.1	-	-	1	3.1	-	-	7	21.9	7	21.9	32			
Late San Pedro Subtotal <sup>a</sup>	16	8.1	31	15.7	15	7.6	54	27.4	60	30.5	14	7.1	7	3.6	197			
Early San Pedro																		
Stratum 506																		
Processing	1	2.3	17	8.3	-	-	-	-	-	-	-	-	-	-	18	6.8		
Food processing	13	29.5	73	35.6	-	-	-	-	-	-	10	71.4	-	-	96	36.5		
Pigment processing	16	36.4	60	29.3	-	-	-	-	-	-	3	21.4	-	-	79	30.0		
Manufacturing	7	15.9	16	7.8	-	-	-	-	-	-	-	-	-	-	23	8.7		
Stoneworking	6	13.6	30	14.6	-	-	-	-	-	-	1	7.1	-	-	37	14.1		
Woodworking	1	2.3	2	1.0	-	-	-	-	-	-	-	-	-	-	3	1.1		
Paraphernalia	-	-	7	3.4	-	-	-	-	-	-	-	-	-	-	7	2.7		
Early San Pedro Subtotal <sup>a</sup>	44	16.7	205	77.9	-	-	-	-	-	-	14	5.3	-	-	263			





**Figure 1.6.** Large pestles from early San Pedro phase contexts at Las Capas, AZ AA:12:111 (ASM): (a) pestle used with a wooden mortar on distal end, as indicated by marks, and secondarily, as a lapstone for pigment processing on small area of surface, not visible in photo; recovered from an extramural context in Locus B (Feature 7000; FN 6811; Catalog No. 2008-329-482); (b) close-up of use-wear on distal end of pestle in (a); (c) pestle used with a wooden mortar, as indicated by marks on the distal end in the photograph, and used with a stone mortar on the proximal end; hand-wear covers the pestle body; recovered from an extramural bell-shaped pit. (Feature 9283; FN 13953; Catalog No. 2008-329-483); (d) close-up of use-wear on distal end of (d).

pipes are present in early San Pedro phase contexts, both in mortuary and non-mortuary contexts (see Table 1.16). All three of the clay pipes recovered from Las Capas during the 2008-2009 excavations were in early San Pedro phase contexts. Other than mortuary features, activities of all sorts are more abundant in extramural bell-shaped pits than any other context during the early San Pedro phase (see Table 1.6).

### STRATUM 505 (LATE SAN PEDRO PHASE)

Stratum 505 is the earliest stratum in the late San Pedro phase (circa 930-800 B.C.) at Las Capas. Cumulatively, 32 ground stone items were recovered from Loci B, D, F, and G in contexts that included 3 pithouses, 11 extramural pits, 6 extramural bell-shaped pits, 1 extramural surface, and 3 other extramural contexts. More than half the items were from contexts in Locus B (Table 1.17). Only one ground stone item was associated with the occupa-

tion of each of three excavated pit structures. Two pit structures in Locus B, Features 8076 and 8470, each had one flat/concave mano. A fossil was associated with the third pit structure, Feature 3396, which was in Locus G. Most of the ground stone in late San Pedro phase Stratum 505 contexts was in extramural pits (Table 1.18).

### Stratum 505, Locus B (Late San Pedro Phase)

The ground stone assemblage from Locus B was recovered from 3 bell-shaped pits, 5 extramural pits, 1 extramural context, 1 extramural surface, and 2 pit structures. The assemblage is small, including 17 pieces of ground stone, most of which were involved in pigment-processing activities (see Table 1.17). Six pieces of raw material include four samples of earthy hematite, a hematite-rich rock, and a sample of earthy limonite in shades of red and yellow. These were in extramural pits, including bell-shaped pits, with two samples found on an extra-





**Figure 1.7.** Intentionally destroyed basin metate from Las Capas, AZ AA:12:111 (ASM) (Feature 7932; FN 11240; Catalog No. 2008-329-477).

mural surface. Bell-shaped pit Feature 8084 and extramural pit Feature 9408 each had two samples of earthy hematite-limonite.

#### *Pigment Processing*

The tools used in pigment processing are all manos. Two were in extramural pits, and one was on an extramural surface. The manos were used in different stages of pigment preparation after they were used in food-processing activities. The two manos from extramural pits were used as abraders to powder pigments, and the mano found on the surface was used to grind it. Pigment-processing activities were apparently extramural and not related to the three pit structures in Locus B that had ground stone.

#### *Food Processing*

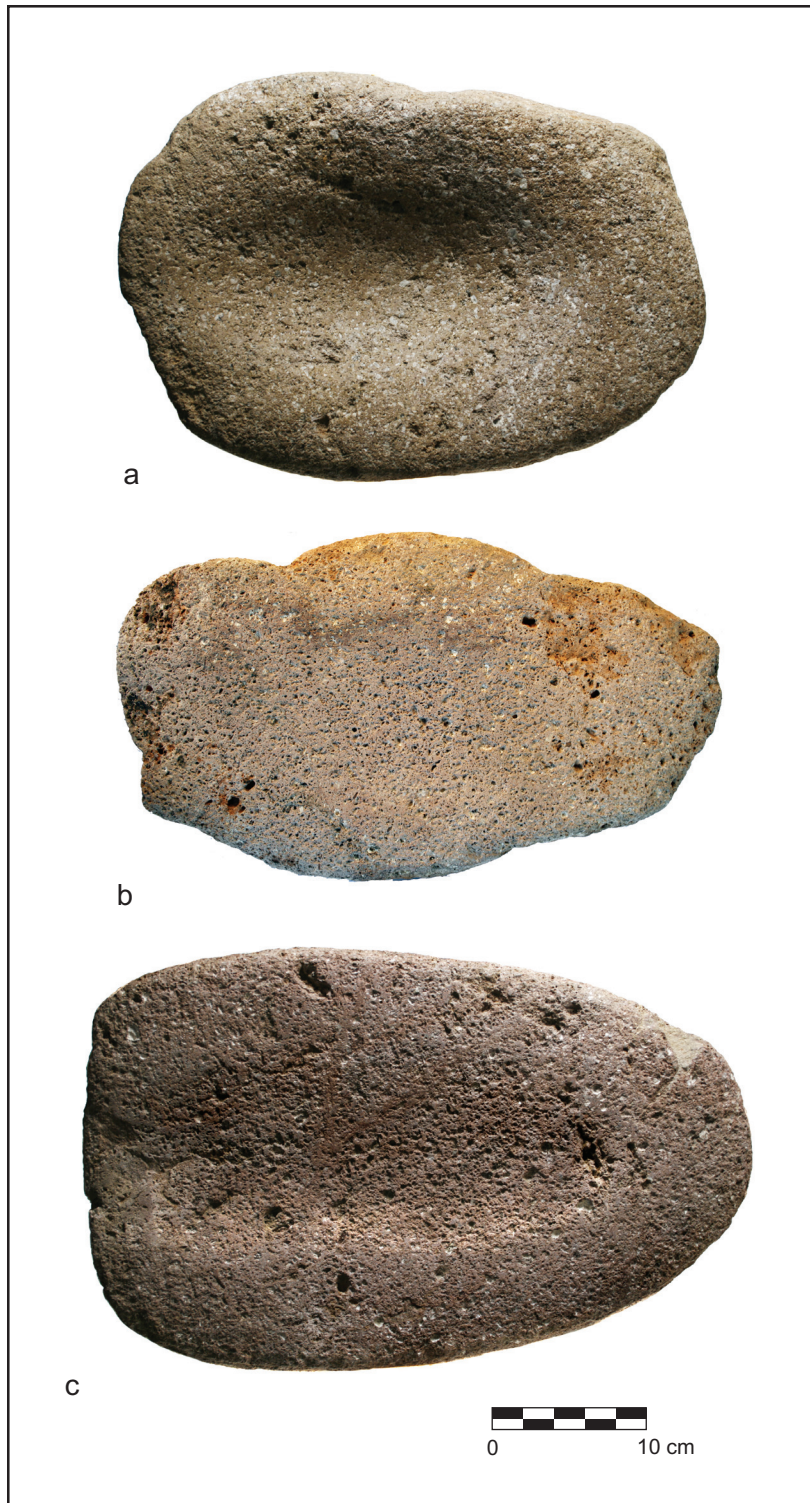
In addition to the three manos secondarily used in pigment processing, five flat/concave manos represent food-processing activities in Locus B. Two recovered from pit structures were only used for food processing; they were in Features 10130 and 12652. The rest were in one extramural bell-shaped pit, Feature 7774, and on extramural surface Feature 7977. One of the two manos in Feature 7774 was used as a pestle, but probably in a two-step processing task of crushing and grinding foods. The second flat/concave mano was also used with a basin metate. A basin metate with which the mano might have been used was found in an early San Pedro phase extramural pit, Feature 7644, also in Locus B. Similarly, the mano with extramural surface Feature 7977 is compatible with a metate in an early San Pedro phase exterior pit, Feature 7664, in Locus B (see Table 1.13). The manos could easily have been separated from their metates and used elsewhere at Las Capas, later in time.

#### *Manufacturing*

A chopper and two minerals provide sparse evidence for manufacturing activities. The chopper, recovered from an extramural context, has a flaked edge covered with delicate impact fractures, probably from use during the forming stages of manufacture. The muscovite and a tiny, thin piece of orthoclase might have been collected for ornament manufacture. There is no obvious modification of the orthoclase, but the muscovite was ground along one edge. The muscovite was in an extramural pit, and the orthoclase was in an extramural bell-shaped pit.

#### **Stratum 505, Locus D (Late San Pedro Phase)**

Food processing is the only activity represented in Locus D. A mortar with a basin on one side and a grinding surface on the opposite side was recovered



**Figure 1.8.** Metates from early San Pedro phase Locus B that could have been used with multiple manos at Las Capas, AZ AA:12:111 (ASM): (a) basin metate with heavy wear; compatible with five manos found in other areas of the site (Feature 7644; FN 7861; Catalog No. 2008-329-479); (b) flat/concave metate with moderate wear; compatible with two manos found in other areas of the site (Feature 7664; FN 10579; Catalog No. 2008-329-480); (c) flat/concave metate with moderate wear, found in the same feature as (b); compatible with two different manos found in other areas of the site (Feature 7664; FN 10580; Catalog No. 2008-329-481). (Photographs by Rob Ciaccio.)

from an extramural context. The mortar basin was heavily worn, and was used with a pestle to both crush and grind.

#### **Stratum 505, Locus F (Late San Pedro Phase)**

The seven ground stone pieces from Locus F were in three extramural pits, two extramural bell-shaped pits, and one extramural context. With such a small assemblage, evidence is sparse for any particular activity, although food-processing, pigment-processing, and manufacturing activities are clearly represented.

A flat/concave mano from an extramural context and a pestle from an extramural pit are the only evidence for food processing in late San Pedro phase Stratum 505, Locus F. The pestle is large, heavy, and has use-wear consistent with use in a wooden mortar. A sample of earthy limonite and a handstone with remnants of red pigment are indications that pigment processing occurred in this locus. A whorl, an ornament, and a pipe were newly manufactured, and provide evidence for manufacturing activities. The ornament is a partially worked piece of muscovite.

The whorl was found in Feature 23559, and has four incised lines on one side and four dotted lines on the opposite side (see Figure 1.10b-d). Each dotted line has six dots. Red pigment was worked into both sides of the whorl, emphasizing the lines and dots. The hole drilled through the middle seems too small to have accommodated a spindle, but light use-wear is visible in the hole.

An unfinished pipe was found in an extramural bell-shaped pit, Feature 23830, in Locus F. It was manufactured



from vesicular basalt and was colored around the rim with red pigment. There is no evidence of a bone stem attachment in the mortis, nor is there wear on the pipe from having been smoked without a stem; finally, there is no burning or smoke residue in the tobacco chamber (see Figure 1.12c). Vesicular basalt pipes with attached bone stems and residue from smoking were recovered during the 1998 excavations at Las Capas; therefore, this pipe from Locus F stands out as unusual (Adams 2002:208, Figure 10.6, 2005:Figure 4.7).

#### Stratum 505, Locus G (Late San Pedro Phase)

The seven ground stone pieces in Stratum 505, Locus G were in three extramural pits, an extramural bell-shaped pit, and a pithouse (see Table 1.18). They are all whole, and include two lapstones, a pestle, a spindle base, a fossil, and two samples of earthy hematite (see Table 1.17). The pestle was probably used in a wooden mortar and secondarily as a lapstone in the manufacture of small, hard objects. The lapstone was almost certainly used in the forming and finishing stages of manufacturing, although the use-wear is not distinctive enough to determine what was manufactured. Two samples of earthy hematite were in different extramural pits and are different shades of red. A fossilized worm tunnel was near the floor of a pithouse, Feature 3396.

The spindle base from Feature 3526 is a small pebble, with one convex side and one concave (see Figure 1.10e). Use-wear on the concave surface is consistent with spinning a wooden spindle, but it is impossible to know if Las Capas spinners used an empty bowl, which fits with the use-wear, or if the spindle bases were filled with ash or sand as described by Di Peso (1956:Figures 57, 104, 403).

#### Stratum 505, Summary (Late San Pedro Phase)

Most (53 percent) of the evidence for activities that occurred during the earliest part of the late San Pedro phase at Las Capas was in Locus B (see Table

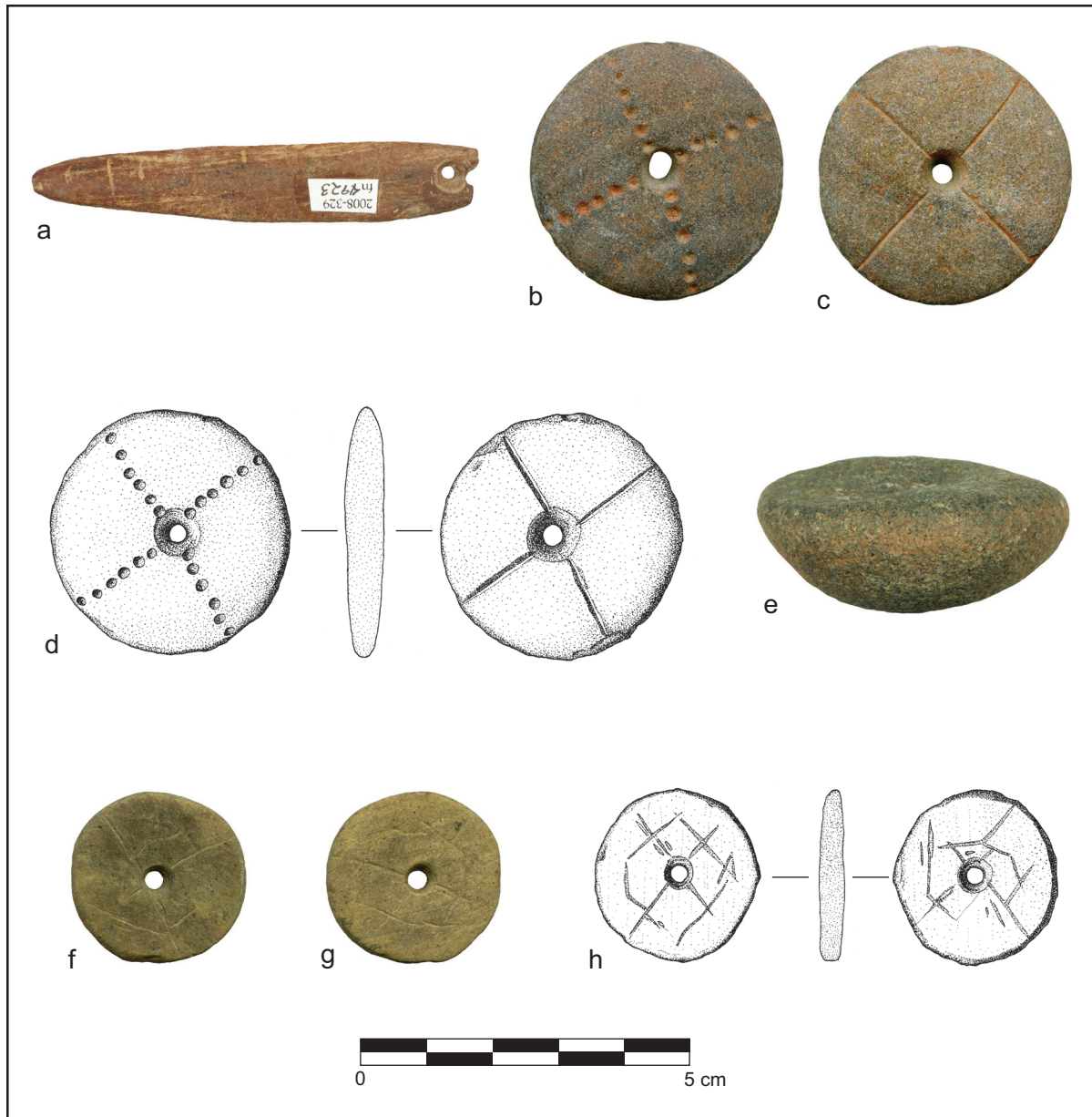


**Figure 1.9.** Tools secondarily used in pigment processing at Las Capas, AZ AA:12:111 (ASM): (a) flat/concave mano used on both grinding surfaces to grind red pigment; recovered from an early San Pedro phase extramural pit in Locus B; (b) mano ends used to crush red pigment (Feature 8700; FN 11875; Catalog No. 2008-329-471); (c) lapstone used for manufacturing activities before grinding pigment; recovered from a late San Pedro phase extramural pit in Locus A (Feature 4015; FN 917; Catalog No. 2008-329-472).

1.15). One ground stone item was in Locus D, with seven in Locus F, and another seven in Locus G. The most numerous pieces were raw material for pigment-processing and food-processing manos, especially in Locus B. Compared with earlier and later contexts, there is not much evidence for pigment processing in late San Pedro phase Stratum 505, although the assemblage, as a whole, from Stratum 505 is small (see Table 1.3). More of the artifacts were found in extramural pits than in bell-shaped pits, which contained more ground stone during the early San Pedro phase (see Table 1.6). This might also be more of a factor of assemblage size than meaningful differences in behavior.

Food-processing tools in Stratum 505 include 1 mortar, 5 flat/concave manos, and 2 pestles. Two manos are compatible with metates in contexts that date much earlier than the contexts where the manos were found. It seems reasonable to assume that this distribution is the product of expedient recycling of tools through time and across space at Las Capas.

Manufacturing activities in late San Pedro phase Stratum 505 are represented by tools used in manufacturing, unfinished pieces, and raw material. The tools include a lapstone, a spindle base, a whorl, and



**Figure 1.10.** Spinning and weaving tools recovered from Las Capas, AZ AA:12:111 (ASM): (a) weaving tool made from argillite; use-wear more concentrated near the tip than near the holes; decorated with several incised lines; recovered from an extramural bell-shaped pit in Locus B (Feature 7929; FN 4923; Catalog No. 2008-329-488); (b-c) incised whorl with a different pattern on each side and each colored with red pigment; recovered from an extramural pit in Locus F (Feature 23559; FN 6571; Catalog No. 2008-329-489); (d) line drawing of whorl in (b-c) (by Allen Denoyer); (e) spindle base with one shallow depression; recovered from an extramural bell-shaped pit in Locus G (Feature 3526; FN 905; Catalog No. 2008-329-490); (f-g) incised whorl with a different pattern on each side; recovered from the floor of a pit structure in Locus F (Feature 23670; FN 7239; Catalog No. 2008-329-491); (h) line drawing of incised whorl in (f-g) (by Allen Denoyer).

a chopper; unfinished pieces include a pipe and a muscovite ornament. Another piece of muscovite and a piece of orthoclase may have been collected for eventual ornament manufacture. The whorl in Locus F and the spindle base in Locus G are sparse and inconclusive evidence for weaving activities at Las Capas. The whorl could have been used as a fly wheel for a drill, although the only artifacts recov-

ered from Las Capas with drilled holes are four ornaments, another whorl, and a weaving tool.

#### STRATUM 504 (LATE SAN PEDRO PHASE)

Stratum 504 is the latest of the San Pedro phase deposits (circa 800-730 B.C.). Ground stone items





**Figure 1.11.** Woodworking chisel recovered from Las Capas, AZ AA:12:111 (ASM): (a) front view of chisel; (b) side view of chisel; (c) close-up of edge with rounding that is distinctive of woodworking (Feature7714; FN 11538; Catalog No. 2008-329-484).

were in six of the seven excavated loci; none were recovered from Locus G (Table 1.19). The late San Pedro phase Stratum 504 assemblage includes 165 items, with most from Loci D ( $n = 53$ ) and E ( $n = 60$ ). The artifacts were more numerous in extramural features than in pit structures (Table 1.20), although more artifacts were from pit structures during the late San Pedro phase than during any other time (see Table 1.6). The extramural features include 23 bell-shaped pits, 21 pits, 1 extramural surface, and 4 other extramural contexts. Ground stone items ( $n = 69$ ) were associated with 17 pit structures, including 17 interior features and seven postholes. Nine of the pit structures had more than one piece. Most of the items associated with the occupation of these pit structures were raw material or tools used in various stages of pigment processing (see Table 1.6). Except Loci B and F, more ground stone pieces were involved in pigment processing than in other activities (see Table 1.15). Food-processing and general processing activities are better represented in the Loci C and F collection from Stratum 504.

#### **Stratum 504, Locus A (Late San Pedro Phase)**

The 16 ground stone items from Locus A were recovered from four pit structures and two extramural pits. Various tools were used in manufacturing and pigment-processing activities, but the only evidence for food-processing activities in Locus A is a flat/concave mano found in extramural bell-shaped pit Feature 4015 (see Table 1.20). Manufacturing activities are represented in the same bell-

shaped pit by lapstones and raw material. The raw material is a water-worn piece of granite that could have been collected from many of the arroyos in the area for use as a polisher. The two lapstones were used in the forming and finishing stages of stoneworking (see Figure 1.5c-d), with one secondarily used for processing red pigment (see Figure 1.9c). Two manufacturing tools were associated with the occupation of pit structure Feature 4030. One is a stoneworking tool that was in an interior pit; the other is a polisher found in a posthole. The use-wear on the polisher is not distinctive enough to determine what was burnished.

A bell-shaped pit in pit structure Feature 4014 contained an abrader and a polisher, which could have been used during different tasks in the manufacture of the same items. Other items in the same bell-shaped pit include seven pieces of dried clay with red paint and a chunk of rock hematite of the same shade of red as the paint on the clay. A lapstone on the floor of Feature 4014 was also used in pigment processing.

Raw material for pigment was found in extramural bell-shaped pits. One is red earthy hematite. The other is a piece of rock hematite from a bell-shaped pit associated with an extramural surface, Feature 4092. A handstone used to process red pigment was on the floor of pit structure Feature 4054.

#### **Stratum 504, Locus B (Late San Pedro Phase)**

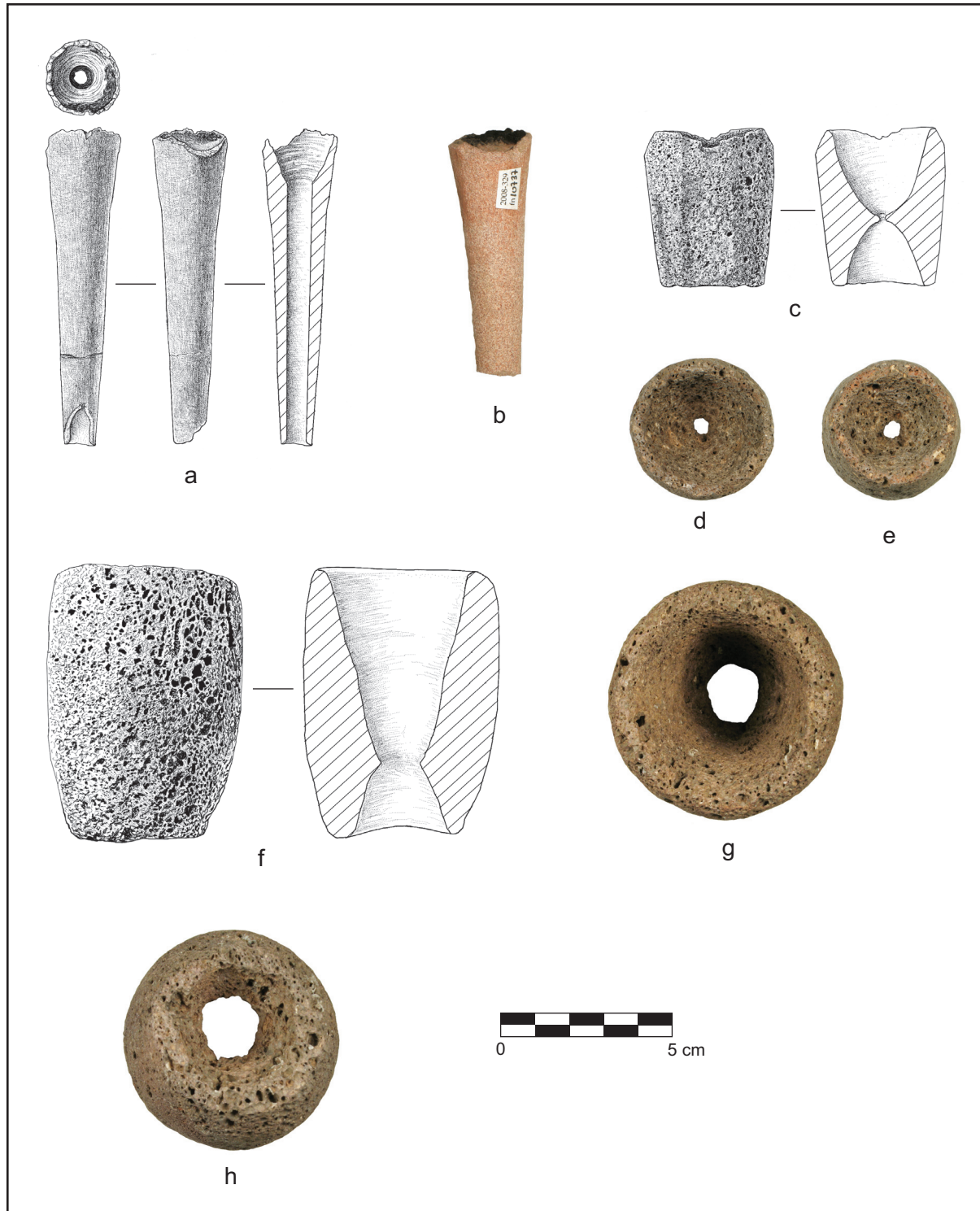
Among the 14 items from Locus B Stratum 504 (see Table 1.19), pigment-processing activities are

**Table 1.16.** Summary data compiled about fired-clay and stone pipes dating to the Early Agricultural period in the Tucson portion of the Santa Cruz River basin.

Site	Phase/Period	Feature	FN	Context	Subtype	Condition	Smoked	Length (cm)	Diameter (cm)	Material	Comments	References
Stone Pipe	Cienega	134	5214	Pithouse floor	Tenon	Whole	Yes	15.6	3.9	Lamprophyre	Similar to FN 357	Ferg 1998
Clearwater	Cienega	4056	357	Small pit	Tenon	Whole	No	13.5	2.4	Black steatite	Similar to FN 5214	Adams 2015
Las Capas	Early Cienega	97	683	Small pit	Indeterminate	Broken	Yes	-	-	Vesicular basalt/andesite	-	Adams 2005
Wetlands	Early Cienega	1002	2887	Small pit	Conical	Whole	Yes	10.4	3.4	Stone	-	Adams 1998a; Ferg 1998
Las Capas	Late San Pedro	0	851	Strat pit	Indeterminate	Broken	No	7.2	-	-	Unfinished	Adams 2005
Las Capas	Late San Pedro	292	1961	Bell-shaped pit	Indeterminate	Broken	-	-	-	Stone	-	Adams 2005
Las Capas	Late San Pedro	349	2540	Small pit	Cylindrical	Whole	Yes	4.5	3.8	Vesicular basalt/andesite	Red pigment	Adams 2005
Las Capas	Late San Pedro	386	2899	Small pit	Composite	Whole	Yes	3.3	2.6	Vesicular basalt/andesite	Bone stem	Adams 2005
Las Capas	Late San Pedro	386	2900	Small pit	Composite	Whole	Yes	6.4	4.4	Vesicular basalt/andesite	Bone stem	Adams 2005
Las Capas	Late San Pedro	593	5648	Bell pit	Cylindrical	Broken	No	4.5	4	Vesicular basalt/andesite	Unfinished	Adams 2005
Las Capas	Late San Pedro	23830	10634	Bell pit	Barrel	Whole	No	4.4	3.5	Vesicular basalt/andesite	Unfinished	This report
Las Capas	Late San Pedro	13000	2846	Strat pit	Barrel	Whole	No	7.2	5.2	Vesicular basalt/andesite	Unfinished	This report
Las Capas	Late San Pedro	12021	5022	Male inhumation	Composite	Whole	Yes	7.2	2.7	Granite	Bone stem/red pigment	This report
Las Capas	Early San Pedro	7771	10737	Bell pit	Stemmed	Broken	Yes	8.7	2.2	Granite	Red pigment	This report
Las Capas	Early San Pedro	8024	4405	Bell pit	Stemmed	Whole	-	8.3	2.6	Clay	-	This report
Las Capas	Early San Pedro	9441	14676	Male inhumation	Indeterminate	Broken	-	-	-	Stone	Red pigment	This report
Las Capas	Early San Pedro	8580	12380	Adult inhumation	Stemmed	Snapped	-	14.8	2.6	Clay	-	This report
Las Capas	Early San Pedro	8580	12790	Adult inhumation	Composite	Whole	-	4.8	2.2	Clay	Bone stem	This report
Las Capas	Early San Pedro	1639	2137	Pit	Conical	Broken	Yes	-	-	Argillite	-	Whittlesey et al. 2010
Las Capas	Early San Pedro	625	723	Pit	Conical	Broken	No	5.7	2.4	Clay	-	Whittlesey et al. 2010
Las Capas	Early San Pedro	631	2273	Pit	Indeterminate	Broken	No	-	-	Scoria	Bowl fragment, polished rim	Whittlesey et al. 2010

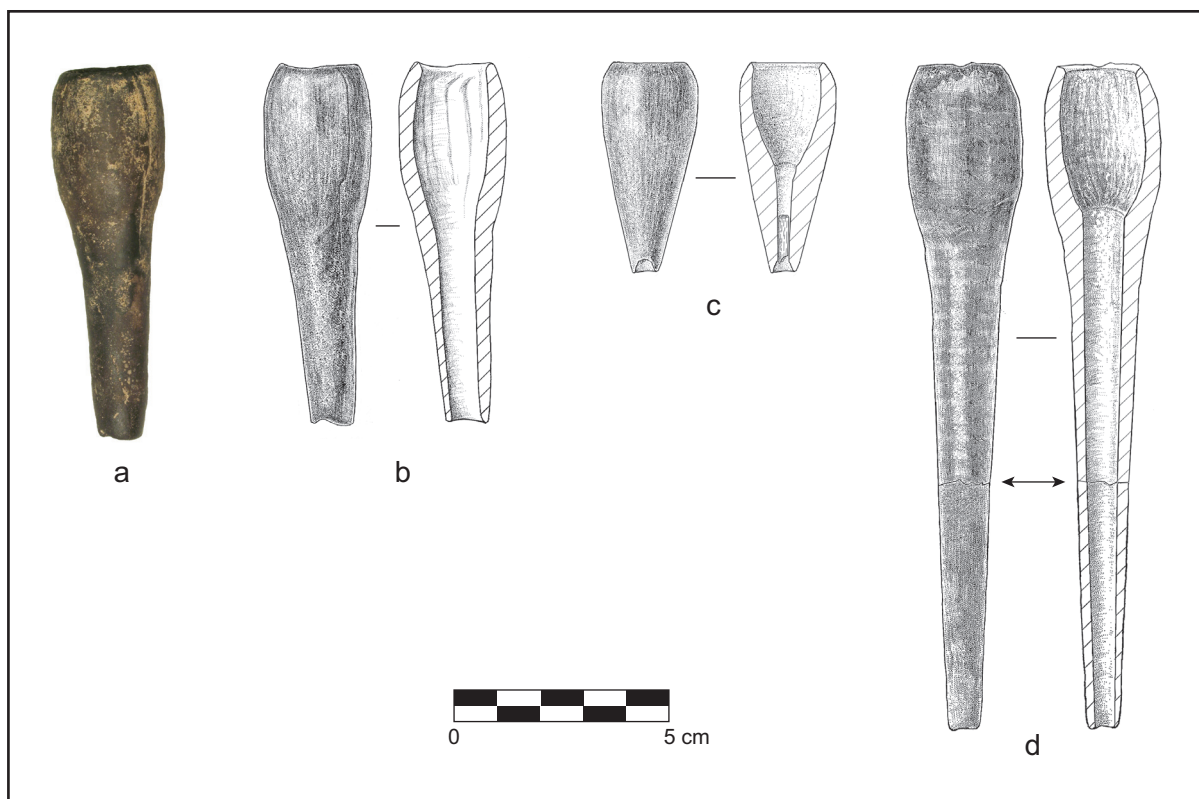
Table 1.16. Continued.

Site	Phase/Period	Feature	FN	Context	Subtype	Condition	Smoked	Length (cm)	Diameter (cm)	Material	Comments	References
Las Capas	Early San Pedro	965	1871	Pithouse floor	Indeterminate	Broken	No	-	-	Clay	Stick impressions in the bore	Whittlesey et al. 2010
Las Capas	Early San Pedro	965	1871	Pithouse floor	Indeterminate	Broken	No	-	-	Clay	Proximal end, stick impressions in the bore	Whittlesey et al. 2010
Las Capas	Early San Pedro	965	1871	Pithouse floor	Indeterminate	Broken	No	-	-	Clay	Near distal end, stick impressions in the bore	Whittlesey et al. 2010
Las Capas	Early Agricultural	0	472	Strat pit	Indeterminate	Broken	Yes	-	-	Vesicular basalt/andesite	-	Adams 2005
Las Capas	Early Agricultural	217	1692	Extramural	Indeterminate	Broken	No	-	-	Vesicular basalt/andesite	Unfinished	Adams 2005



**Figure 1.12.** Stone pipes recovered from non-mortuary contexts at Las Capas, AZ AA:12:111 (ASM): (a) line drawing of a broken pipe with carbonized residue in what remains of the bowl; recovered from an early San Pedro phase extramural pit; note the circular striations from drilling the tobacco chamber (Feature 7771; FN 10737; Catalog No. 2008-329-496); (b) photograph of (a); (c) line drawing of an unused and probably unfinished pipe recovered from a late San Pedro phase, Stratum 505, extramural pit (Feature 23830; FN 10634; Catalog No. 2008-329-497); (d) photograph of the mortise and draft hole of (c); (e) photograph of the tobacco chamber, draft hole, and bowl heel of (c); (f) line drawing of an unused stone pipe recovered from a late San Pedro phase, Stratum 504, extramural context (Feature 13000; FN 2846; Catalog No. 2008-329-498); (g) photograph of the mortise and the draft hole of (f); (h) photograph of the tobacco chamber, draft hole, and bowl heel of (f). (Line drawings by Rob Ciaccio.)





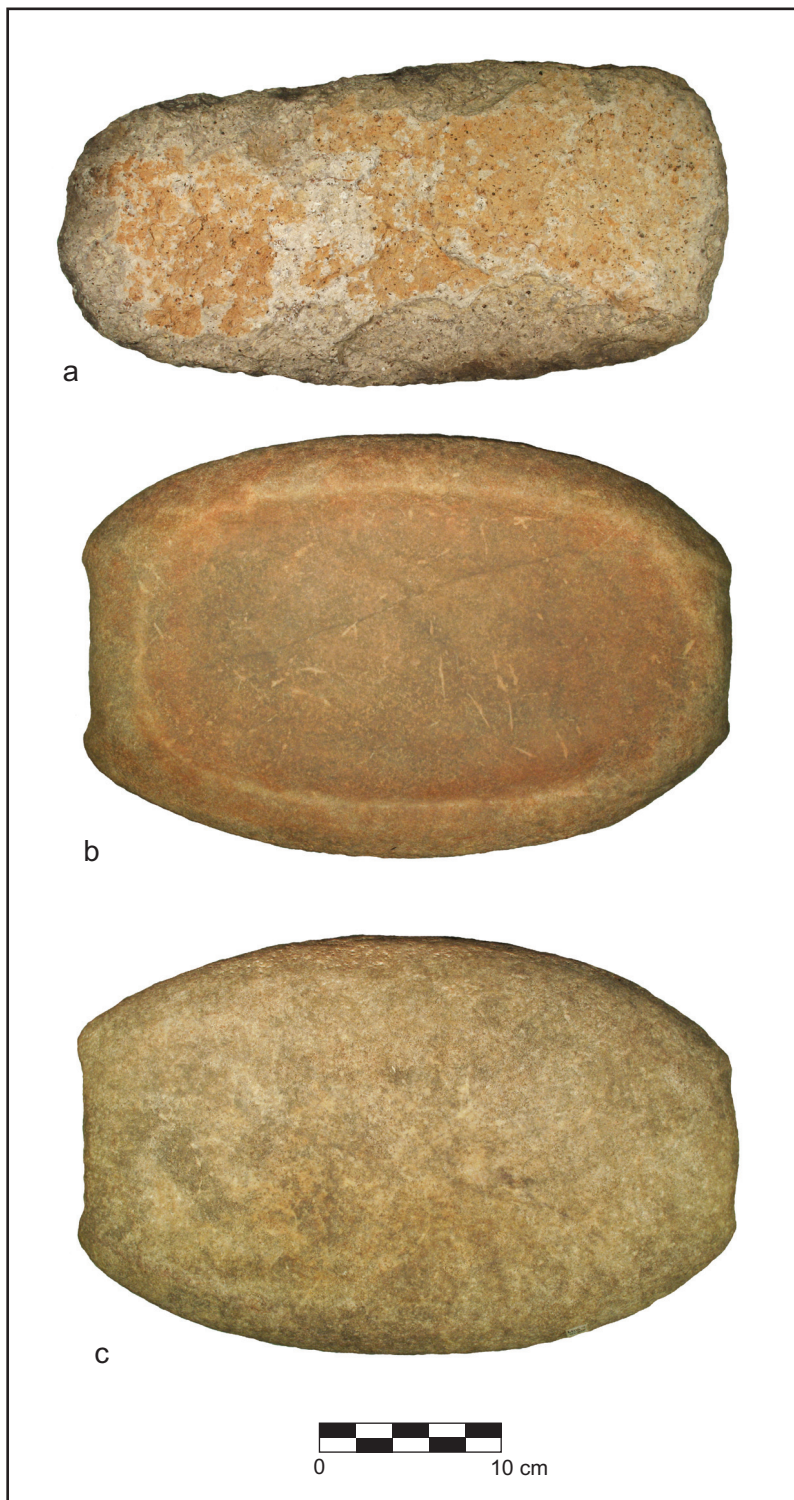
**Figure 1.13.** Fired-clay pipes recovered from Las Capas, AZ AA:12:111 (ASM): (a) photograph of a fired-clay pipe recovered from an early San Pedro phase extramural bell-shaped pit (Feature 8024; FN 4405; Catalog No. 2008-329-463); (b) line drawing of (a); note the stick impressions in the tobacco chamber from being formed over a wooden stick; (c) line drawing of a fired-clay pipe associated with an early San Pedro phase primary inhumation in an extramural bell-shaped pit; a portion of the bone stem remains in the pipe (Feature 8580; FN 12790); (d) line drawing of a fired-clay pipe intentionally broken across the stem, at arrow; pipe recovered from the fill of the same primary inhumation as Feature 8580 (FN 12380) (c). (Line drawings by Rob Ciaccio.)

best represented by five tools and a piece of raw material that were recovered from two extramural pits, a bell-shaped pit, and one other extramural context. The tools include 2 handstones, 1 mano, 1 pestle, and 1 broken disk. A handstone and a piece of hematite-limonite were in the same extramural pit, Feature 7077, and a handstone was in another extramural pit, Feature 7091. Several processing tools were found in extramural bell-shaped pit Feature 7019, including a broken mortar/tray and two compatible pestles (Figure 1.16). One of the pestles has remnants of red pigment on the edges, where it may have been used like an abradar to powder already processed pigment. The mortar was smashed into several pieces, not all of which were in the bell-shaped pit. According to the excavators, the pestles and the tray fragments were in an extremely ashy layer that was above another layer of dirt and charcoal, both of which were interpreted as intentionally dumped. A broken disk in Feature 7019 was used to powder already processed pigment.

Three flat/concave manos are the only food-processing tools from Locus B; one of those was sec-



**Figure 1.14.** Close-up of a pestle used in a wooden mortar recovered from an early San Pedro phase extramural context at Las Capas, AZ AA:12:111 (ASM) (Feature 23000; FN 7518; Catalog No. 2008-329-499).



**Figure 1.15.** Evidence for the manufacture and use of trays at Las Capas, AZ AA:12:111 (ASM): (a) dacite preform for a tray or other netherstone found in an early San Pedro extramural pit in Locus F (Feature 23860; FN 12103; Catalog No. 2008-329-500); (b) tray found in a late San Pedro phase extramural bell-shaped pit in Locus C; red pigment processed in the tray with a stone pestle, but no compatible pestle or handstone was recovered (Feature 12035; FN 5039; Catalog No. 2008-329-501); (c) back of tray in (b) also has some wear consistent with use of a stone pestle or handstone.

ondarily used for pigment processing, as mentioned. A second mano was used more as a pestle than as a mano, and the third is broken. Evidence for food processing in Locus B during the late San Pedro phase Stratum 504 is sparse and associated with extramural features.

Evidence for late San Pedro phase Stratum 504 manufacturing activities in Locus B includes two polishers and one piece of raw material that were associated with the occupation of three pit structures. One piece of sandstone may have been collected for eventual tool manufacture. The polishers were used in the finishing stages of manufacture but the use-wear is not distinctive enough on either to determine what (see Figure 1.1f-g).

One crystal and one piece of calcite were buried with the young adult female in mortuary Feature 7059, in Locus B. Neither piece has use-wear, and both were almost certainly associated with the burial. Red pigment stains were noted on some of the individual's ribs.

#### **Stratum 504, Locus C (Late San Pedro Phase)**

As in Locus B, the late San Pedro phase Stratum 504 in Locus C has a small assemblage of ground stone, but unlike Locus B, there are more tools used in food-processing activities and fewer pieces representing pigment processing in Locus C. Manufacturing, stoneworking, and hideworking activities are all represented by one or two tools each. The contexts from which ground stone were recovered in Locus C are three extramural bell-shaped pits, three extramural pits, another extramural context, a mortuary feature, and a pit structure.

Food-processing activities are represented by six flat/con-



**Table 1.17.** Artifacts used in late San Pedro phase, Stratum 505 activities in four loci at Las Capas, AZ AA:12:111 (ASM).

Activity/Artifact	Locus				Total (No.)
	B	D	F	G	
<i>Food Processing</i>	5	1	2	1	9
Mano	5	-	1	-	6
Mortar	-	1	-	-	1
Pestle	-	-	1	1	2
<i>Pigment Processing</i>	9	-	2	2	13
Handstone	-	-	1	-	1
Mano	3	-	-	-	3
Raw material	6	-	1	2	9
<i>Manufacture</i>	1	-	1	3	5
Chopper	1	-	-	-	1
Lapstone	-	-	-	2	2
Spindle base	-	-	-	1	1
Whorl	-	-	1	-	1
<i>Stoneworking</i>	1	-	2	-	3
Ornament	-	-	1	-	1
Pipe	-	-	1	-	1
Raw material	1	-	-	-	1
<i>Paraphernalia</i>	1	-	-	1	2
Fossil	-	-	-	1	1
Mineral	1	-	-	-	1
<b>Total</b>	<b>17</b>	<b>1</b>	<b>7</b>	<b>7</b>	<b>32</b>

Note: Does not include mortuary, roasting pit, sheet trash, or unidentifiable artifacts.

cave manos recovered from two bell-shaped pits and one extramural pit. One of the four manos in bell-shaped pit Feature 12063 was secondarily used for processing red pigment. Two others were secondarily used in manufacturing activities, although the secondary use did not inhibit their continued use in food processing. One mano was only used in food-processing activities.

One of the two manos in bell-shaped pit Feature 12117 had been used in two different metates. The other mano was also used like a pestle, probably in a two-step crushing and grinding task. A hammerstone from the same bell-shaped pit has use-wear consistent with extracting fibers from agave or yucca leaves or juice from cactus fruits. A mano in extramural pit Feature 12087 was used in a two-step crushing and grinding task.

A secondarily used mano, a lapstone, and a knobbed tray were used in pigment processing. The lapstone, associated with the occupation of pit structure Feature 12177, has red paint on one edge and one surface. It may have been used to mix pigment with a vehicle to make paint or as a palette to hold a small amount of paint during application. Some of the paint was worn away when the lapstone was secondarily used, perhaps as a handstone with

which to work paint into a wooden surface. The same use-wear patterns are on the opposite surface, but there is no paint.

The tray was in an extramural bell-shaped pit, Feature 12035. It is nearly oval in plan, with a uniform rim and a hint of a knob on each corner (see Figure 1.15b-c). Red pigment covers most of the basin and some of the rim. The basin and the bottom of the tray have use-wear from a smooth handstone or a pestle. The pestles from Feature 7019 have compatible configuration and use-wear with the tray in Feature 12035. One of the pestles in Feature 7019 also has a shade of red pigment, not on its grinding surface, similar to the red pigment on the tray in Feature 12035. The tray in Feature 12035 and the tray in Feature 7019 are alike only by having a broad, flat surface that has been worn smooth by the use of a smooth pestle or handstone. They are made from different rock types and have different rim and exterior shapes (compare Figure 1.15b and Figure 1.16).

Evidence for manufacturing activities in Stratum 504 of Locus C was recovered from two extramural bell-shaped pits, two extramural pits, and one other extramural context. Three items were newly manufactured. A pestle blank was in an extramural context and a mano blank (Figure 1.17a-b) was in extramural pit Feature 12122. A second mano blank (Figure 1.17c-d) was in extramural bell-shaped pit Feature 12117, where two other flat/concave manos were also stored that had been used only in food-processing activities. Both mano blanks appear to have been intended for use with flat/concave metates.

A handstone in extramural bell-shaped pit Feature 12063 has use-wear on each opposite surface consistent with hideworking and secondary use as a pestle, crushing something against a flat netherstone. A lapstone from an extramural pit, Feature 12084, was used to smooth small objects, such as wooden or bone items.

A pipe (Figure 1.18a) was found with an inhumation in Feature 12021 (see Table 1.16). Fifteen pieces of fire-cracked rock in the mortuary pit fill were probably unrelated with interment of the body (Adams 2014c).

### Stratum 504, Locus D (Late San Pedro Phase)

The late San Pedro phase Stratum 504 deposits in Locus D contained 53 ground stone items (see Table 1.19). They were from 5 pit structures, 8 extramural bell-shaped pits, 10 extramural pits, and other extramural contexts. Pigment processing is abundantly represented by raw material and processing tools in four of the five pit structures. Pig-

**Table 1.18.** Late San Pedro phase, Stratum 505, contexts with ground stone items in four loci at Las Capas, AZ AA:12:111 (ASM).

Activities/Context	Locus				Total	
	B	D	F	G	No.	Percent
<i>Food Processing</i>	5	1	2	1	9	
Pit structure occupation	2	–	–	–	2	22.2
Extramural pit	2	–	1	–	3	33.3
Extramural surface	1	–	–	–	1	11.1
Extramural	–	1	1	1	3	33.3
<i>Pigment Processing</i>	9	–	2	2	13	
Extramural bell-shaped pit	3	–	–	–	3	23.1
Extramural pit	4	–	1	2	7	53.8
Extramural surface	2	–	–	–	2	15.4
Extramural	–	–	1	–	1	7.7
<i>Manufacture</i>	1	–	1	3	5	
Extramural bell-shaped pit	–	–	–	2	2	20.0
Extramural pit	–	–	1	1	2	40.0
Extramural	1	–	–	–	1	20.0
<i>Stoneworking</i>	1	–	2	–	3	
Extramural bell-shaped pit	–	–	2	–	2	66.7
Extramural pit	1	–	–	–	1	33.3
<i>Paraphernalia</i>	1	–	–	1	2	
Pit structure occupation	–	–	–	1	1	50.0
Extramural bell-shaped pit	1	–	–	–	1	50.0
<i>Summary</i>						
Pit structure occupation	2	–	–	1	3	9.4
Extramural bell-shaped pit	5	–	2	2	9	28.1
Extramural pit	7	–	3	3	13	40.6
Extramural surface	2	–	–	–	2	6.3
Extramural	1	1	2	1	5	15.6
Total	17	1	7	7	32	

Note: Does not include mortuary, roasting pits, sheet trash, and unidentifiable artifacts.

ment processing was the only activity in pit structure Feature 13218. Stoneworking and other manufacturing tasks were represented by ground stone tools in pit structure Features 13325, 13596, and 13367. A food-processing tool was the only ground stone tool in Feature 13475.

In pit structure Feature 13218, two flat/concave manos and a piece of hematite-rich rock were in the same interior bell-shaped pit. Another hematite-rich rock and a sample of earthy limonite were on the pit structure floor. Each opposing surface on one of the manos was used to grind raw material for red pigment. The other mano was used to grind raw material with one surface and abrade processed pigment on the opposite surface. The same shade of red was on both surfaces, with a second shade also on the grinding surface. As a food-processing tool, the mano is compatible with a flat/concave metate in extramural bell-shaped pit Feature 4324 (see Figure

1.2a), which was in early San Pedro phase deposits in Locus A. The mano was probably scavenged from elsewhere on the site for use in pigment processing.

Two handstones and an abrader were recovered from postholes in pit structure Feature 13367. The handstones were in the same posthole, and both have red pigment and use-wear consistent with working pigment into a surface, perhaps hides, wood, or bone. The abrader was in a different posthole, and was used along one edge to powder processed pigment. A piece of hematite-rich rock was also on the floor of this pit structure. Three shades of red are represented among the raw material and remnants of pigment on the tools.

Evidence for pigment processing in pit structure Feature 13596 was in a bell-shaped pit, and includes a piece of hematite-rich rock and two metate fragments with red pigment on their grinding surfaces. The fragments were probably from the same metate.

**Table 1.19.** Artifacts used in late San Pedro phase, Stratum 504, activities in six loci at Las Capas, AZ AA:12:111 (ASM).

Activity/Artifact	Locus						Total (No.)
	A	B	C	D	E	F	
<i>Processing</i>	–	2	1	5	1	3	12
Chopper	–	–	–	–	–	1	1
Hammerstone	–	–	1	–	1	1	3
Mortar	–	1	–	5	–	–	6
Pestle	–	1	–	–	–	1	2
<i>Food Processing</i>	1	2	6	4	7	1	21
Mano	1	2	6	4	5	1	19
Metate	–	–	–	–	2	–	2
<i>Pigment Processing</i>	6	6	2	30	46	2	92
Abrader	–	–	–	1	–	–	1
Disk	–	1	–	–	–	–	1
Hammerstone	–	–	–	1	2	–	3
Handstone	1	2	–	4	1	–	8
Lapstone	2	–	–	–	2	–	4
Mano	–	1	1	2	5	–	9
Metate	–	–	–	1	4	–	5
Mortar	–	–	1	–	–	–	1
Netherstone	–	–	–	1	3	–	4
Pecking stone	–	–	–	1	–	–	1
Pestle	–	1	–	–	–	–	1
Raw material	3	1	–	19	29	2	54
<i>Manufacture</i>	3	2	1	3	3	1	13
Abrader	1	–	–	–	–	–	1
Hammerstone	–	–	–	–	2	–	2
Handstone	–	–	–	1	–	–	1
Lapstone	–	–	1	1	1	–	3
Pecking stone	–	–	–	1	–	–	1
Polisher	2	2	–	–	–	–	4
Whorl	–	–	–	–	–	1	1
<i>Stoneworking</i>	4	2	3	6	4	–	19
Lapstone	1	–	–	–	–	–	1
Mano	–	–	2	–	–	–	2
Pecking stone	1	–	–	–	–	–	1
Pestle	–	–	1	–	–	–	1
Pipe	–	–	–	1	–	–	1
Raw material	2	2	–	4	4	–	12
Shaped	–	–	–	1	–	–	1
<i>Woodworking</i>	–	–	–	4	–	–	4
Polisher	–	–	–	4	–	–	4
<i>Hideworking</i>	–	–	1	–	–	–	1
Handstone	–	–	1	–	–	–	1
<i>Paraphernalia</i>	1	–	–	1	1	–	3
Crystal	–	–	–	–	1	–	1
Ornament	–	–	–	1	–	–	1
Painted clay	1	–	–	–	–	–	1
<b>Total</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>53</b>	<b>60</b>	<b>7</b>	<b>165</b>

Note: Does not include mortuary, roasting pits, sheet trash, and unidentifiable artifacts.

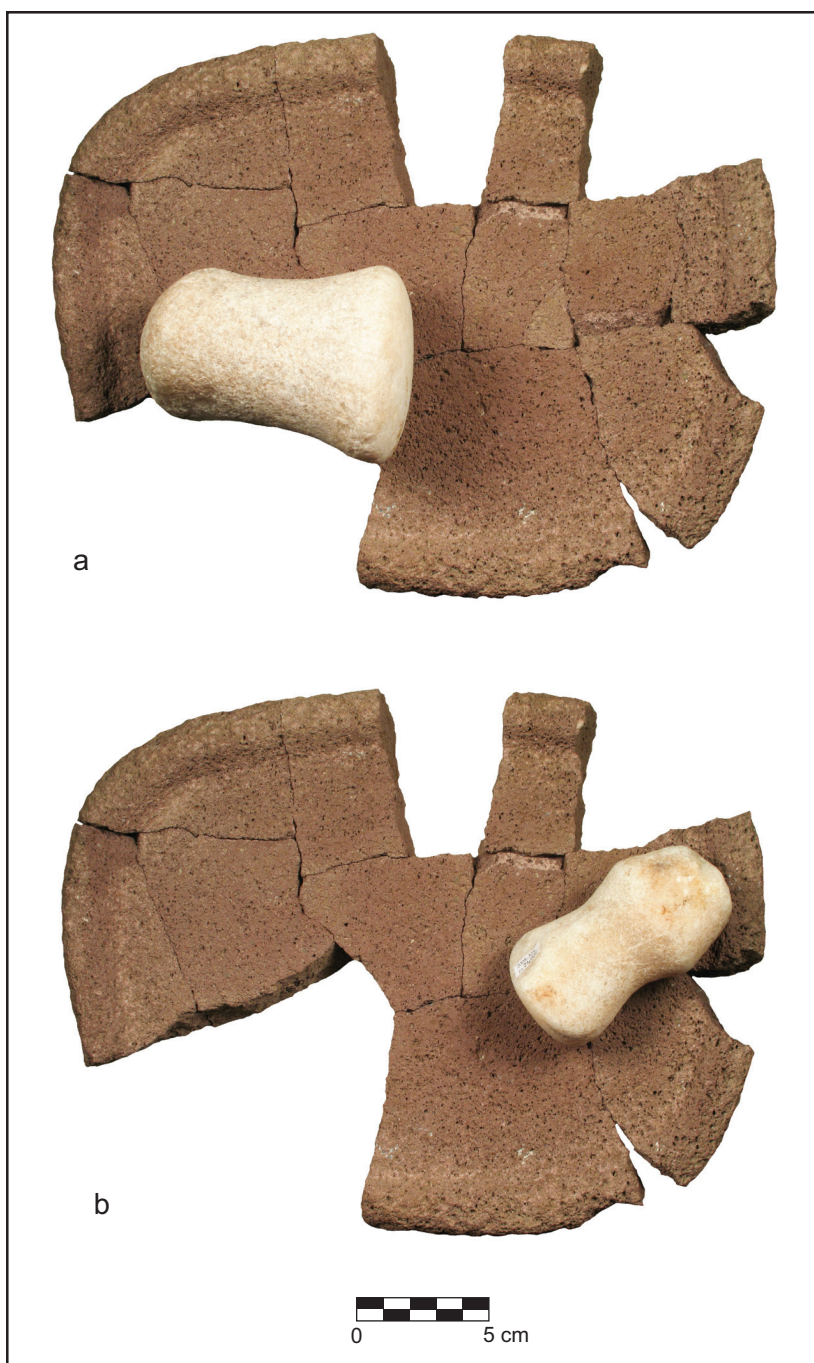
**Table 1.20.** Late San Pedro phase, Stratum 504, contexts with ground stone artifacts in six loci at Las Capas, AZ AA:12:111 (ASM).

Activities/Context	Locus						Total	
	A	B	C	D	E	F	No.	Percent
<i>Processing</i>	–	2	1	5	1	3	12	
Pit structure occupation	–	–	–	–	1	1	2	16.7
Extramural bell-shaped pit	–	2	1	3	–	–	6	50.0
Extramural pit	–	–	–	1	–	1	2	16.7
Extramural	–	–	–	1	–	1	2	16.7
<i>Food Processing</i>	1	2	6	4	7	1	21	
Pit structure occupation	–	–	–	1	6	–	7	33.3
Extramural bell-shaped pit	1	–	5	–	–	–	6	28.6
Extramural pit	–	1	1	1	–	–	3	14.3
Extramural	–	1	–	2	1	1	5	23.8
<i>Pigment Processing</i>	7	6	3	30	44	2	92	
Pit structure occupation	3	–	1	14	24	2	44	47.8
Extramural bell-shaped pit	4	2	2	6	8	–	22	23.9
Extramural pit	–	3	–	7	7	–	17	18.5
Extramural surface	–	–	–	1	3	–	4	4.3
Extramural	–	1	–	2	2	–	5	5.4
<i>Manufacture</i>	3	2	1	3	3	1	13	
Pit structure occupation	3	2	–	2	3	1	11	84.6
Extramural bell-shaped pit	–	–	–	1	–	–	1	7.7
Extramural pit	–	–	1	–	–	–	1	7.7
<i>Stoneworking</i>	4	2	3	6	4	–	19	
Pit structure occupation	1	1	–	1	–	–	3	15.8
Extramural bell-shaped pit	3	1	1	3	3	–	11	57.9
Extramural pit	–	–	1	1	–	–	2	10.5
Extramural	–	–	1	1	1	–	3	15.8
<i>Woodworking</i>	–	–	–	4	–	–	4	
Pit structure occupation	–	–	–	1	–	–	1	25.0
Extramural bell-shaped pit	–	–	–	1	–	–	1	25.0
Extramural pit	–	–	–	1	–	–	1	25.0
Extramural	–	–	–	1	–	–	1	25.0
<i>Hideworking</i>	–	–	1	–	–	–	1	
Bell-shaped pit	–	–	1	–	–	–	1	100.0
<i>Paraphernalia</i>	1	–	–	1	1	–	3	
Pit structure occupation	1	–	–	–	–	–	1	33.3
Extramural bell-shaped pit	–	–	–	–	1	–	1	33.3
Extramural	–	–	–	1	–	–	1	33.3
<i>Summary</i>								
Pit structure occupation	8	3	1	19	34	4	69	41.8
Extramural bell-shaped pit	8	5	10	14	12	–	49	29.7
Extramural pit	–	4	3	11	7	1	26	15.8
Extramural surface	–	–	–	1	3	–	4	2.4
Extramural	–	2	1	8	4	2	17	10.3
Total	16	14	15	53	60	7	165	

Note: Does not include mortuary, roasting pits, sheet trash, and unidentifiable artifacts.

In addition to the five pit structures mentioned, samples of rock and earthy hematite, and rock and earthy limonite were in six extramural pits, two extramural bell-shaped pits, an extramural surface,

and another extramural context. More raw materials were recovered from extramural features than from pit structures. Pigment-processing tools recovered from extramural pits include a handstone used



**Figure 1.16.** Partially reconstructed tray used as a mortar with two compatible pestles recovered from the same extramural bell-shaped pit at Las Capas, AZ AA:12:111 (ASM): (a) reconstructed mortar and one compatible pestle, both recovered from late San Pedro phase feature in Locus B (Feature 7019; mortar, FN 7686; Catalog No. 2008-329-507; pestle, FN 7684; Catalog No. 2008-329-508); (b) same reconstructed tray with a second compatible pestle; some red pigment on the pestle may be a remnant from a secondary use in pigment processing (FN 7685; Catalog No. 2008-329-509).

for grinding pigment and for working red pigment into another surface, a hammerstone used for pulping and pigment processing, a pecking stone with remnants of red pigment, a netherstone frag-

ment used for processing pigment, and 11 pieces of hematite-rich rock and samples of earthy hematite.

The four food-processing tools recovered from late San Pedro phase Stratum 504 deposits in Locus D include three flat/concave manos and one basin mano. Two flat/concave manos were from one extramural context, and the basin mano was in an extramural pit. The third flat/concave mano was on the floor of a pit structure, Feature 13475. It was secondarily used as a pestle, probably in a two-step food-processing task of crushing and grinding.

Manufacturing activities are represented by a lapstone, a pecking stone, and a handstone. None have use-wear distinctive enough to determine what was manufactured. The lapstone was in an extramural bell-shaped pit. The pecking stone and handstone were each associated with a pit structure, Feature 13596 and Feature 13367, respectively. The lapstone was used as a passive surface for smoothing resilient surfaces on one side, as a lithic anvil on the opposite side, and as an active polisher on one edge, probably in stoneworking. The pecking stone has impact fractures from shaping something hard, although the impact fractures are not distinctive enough to determine what.

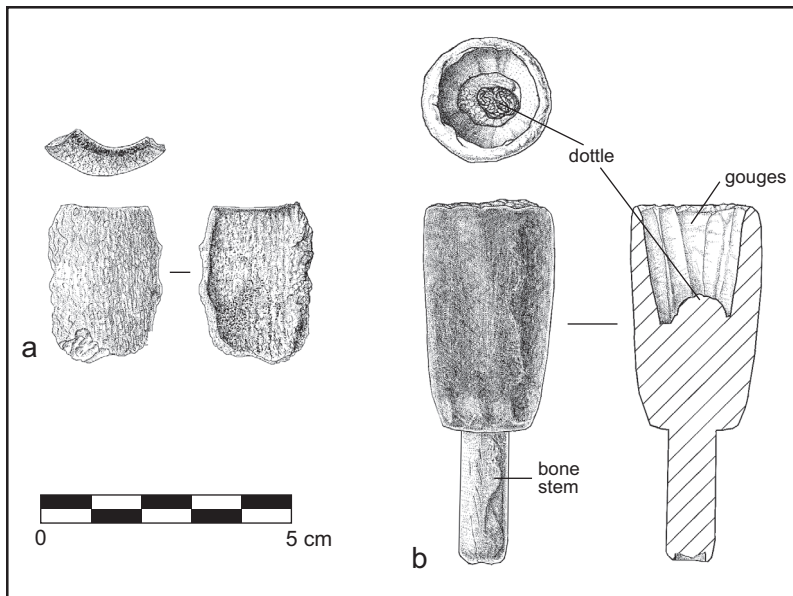
Evidence for stoneworking includes two unused artifacts and four pieces of raw material. Two pieces of andesitic basalt and one piece of granite were collected for eventual tool manufacture and were stored in extramural bell-shaped pits until needed. Two

pieces of muscovite could have been intended for ornament manufacture. One was in a bell-shaped pit in pit structure Feature 13325, and the other was in an extramural bell-shaped pit.





**Figure 1.17.** Mano blanks recovered from extramural features at Las Capas, AZ AA:12:111 (ASM): (a) relatively large, unused mano recovered from a late San Pedro phase extramural pit in Locus C (Feature 12122; FN 5939; Catalog No. 2008-329-505); (b) close-up of vesicular basalt surface in (a) that was ground to manufacture but not used; (c) relatively large, unused mano recovered from a late San Pedro phase extramural bell-shaped pit in Locus C (Feature 12117; FN 5938; Catalog No. 2008-329-506); (d) close-up of vesicular surface that was ground to manufacture but not used.



**Figure 1.18.** Stone pipes recovered from mortuary contexts at Las Capas, AZ AA:12:111 (ASM): (a) fragment from a smoked pipe recovered from a mortuary pit (Feature 9441; FN 14676); (b) whole pipe with a bone stem recovered from mortuary pit; note the gouges left in the bowl from manufacture and the dottle at the end of the bone stem (Feature 12021; FN 5022). (Line drawings by Rob Ciaccio.)

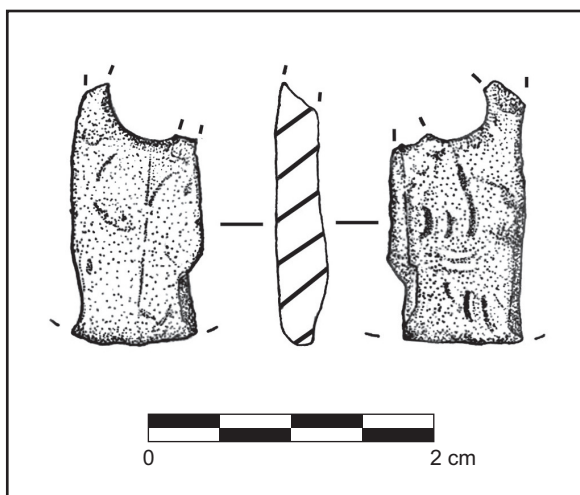
The unused items are a pipe and a piece that was ground all over to shape, but has no use-wear. This piece could have been intended for use as a delicate tool, a gaming piece, or as something of personal importance. The pipe is large, barrel shaped, made from vesicular rock, and was recovered from an extramural context (see Table 1.16). There is no evidence of a bone stem, wear on the rim from contact with a mouth, and no evidence of burning in the bore or the tobacco chamber (see Figure 1.12f-h).

Four polishers from different contexts have use-wear consistent with burnishing wood. One was in an extramural bell-shaped pit, one in an extramural pit, one in a bell-shaped pit inside pit structure Feature 13367, and one in an extramural context. The polisher in the extramural context was modified with flaked notches, creating projections that were used as gravers.

A single broken ornament was in an extramural context. It was made from sandstone but broke through the hole and along both long edges. The remaining short edge was rounded. Several incised lines are still visible on one side (Figure 1.19).

Five tray fragments from four extramural features are too small to tell much about them except that they are knobbed corners from different vesicular basalt trays (Figure 1.20). One fragment retains enough of the basin to see use-wear from a stone pestle. The fragments were found in an extramural context, two extramural bell-shaped pits, and an extramural pit. It is interesting that fragments from such a rare artifact type would occur in the same locus during the same time period at Las Capas. A question about the location of the rest of the frag-





**Figure 1.19.** Sandstone ornament fragment from a late San Pedro phase extramural context at Las Capas, AZ AA:12:111 (ASM) (Feature 13000; FN 3960; Catalog No. 2008-329-461). (Illustration by Allen Denoyer.)

ments is raised. If the trays were dropped, they would break into many pieces, like the broken tray in late San Pedro phase Stratum 504, Feature 7019 in Locus B. Such breakage could have been purposeful, making pieces available as mementos or for inalienable possessions (Adams 2008; Chapman 2000; Chapman and Gaydarsky 2007; Mills 2004; Weiner 1992).

#### **Stratum 504, Locus E (Late San Pedro Phase)**

More late San Pedro phase Stratum 504 artifacts ( $n = 60$ ) were in Locus E than anywhere else (see Table 1.19). Ground stone was recovered from 9 extramural bell-shaped pits, 4 extramural pits, 2 other extramural contexts, and 5 pit structures. Locus E has more evidence for pigment processing than any other activity (see Table 1.20). All the pit structures with ground stone in Locus E had evidence for pigment processing. Pit structure Features 3155 and 3407 each had a single sample of unmodified limonite. The three other pit structures had both raw material and the tools used in one stage or another of pigment processing.

Pit structure Feature 3229 contained 10 pieces of raw material, including hematite-rich rocks, samples of earthy hematite, and a metate fragment that was used to abrade pigment. A broken mano and a pulping stone provide the only other indication of activities associated with pit structure Feature 3229.

The evidence for pigment processing in pit structure Feature 3340 was two hematite-rich rocks in one bell-shaped pit and a lapstone used for pigment processing, among other things, in another bell-shaped

pit. The lapstone was also used in the finishing stages of stonework.

The ground stone assemblage in pit structure Feature 3431 had a variety of tools representative of more activities than other late San Pedro phase pit-houses in Locus E. Only one piece of raw material was recovered, but two hammerstones, two manos, a metate, and a handstone were used in processing shades of red pigment. The manos were originally used with flat/concave metates and secondarily used to abrade red pigment. One was in the hearth and the other in a bell-shaped pit. The metates are too broken to determine their design. The hammerstones were used for crushing raw material, and the netherstone and handstone were used for grinding it. The tools in this pit structure provide evidence for every stage of processing pigment.

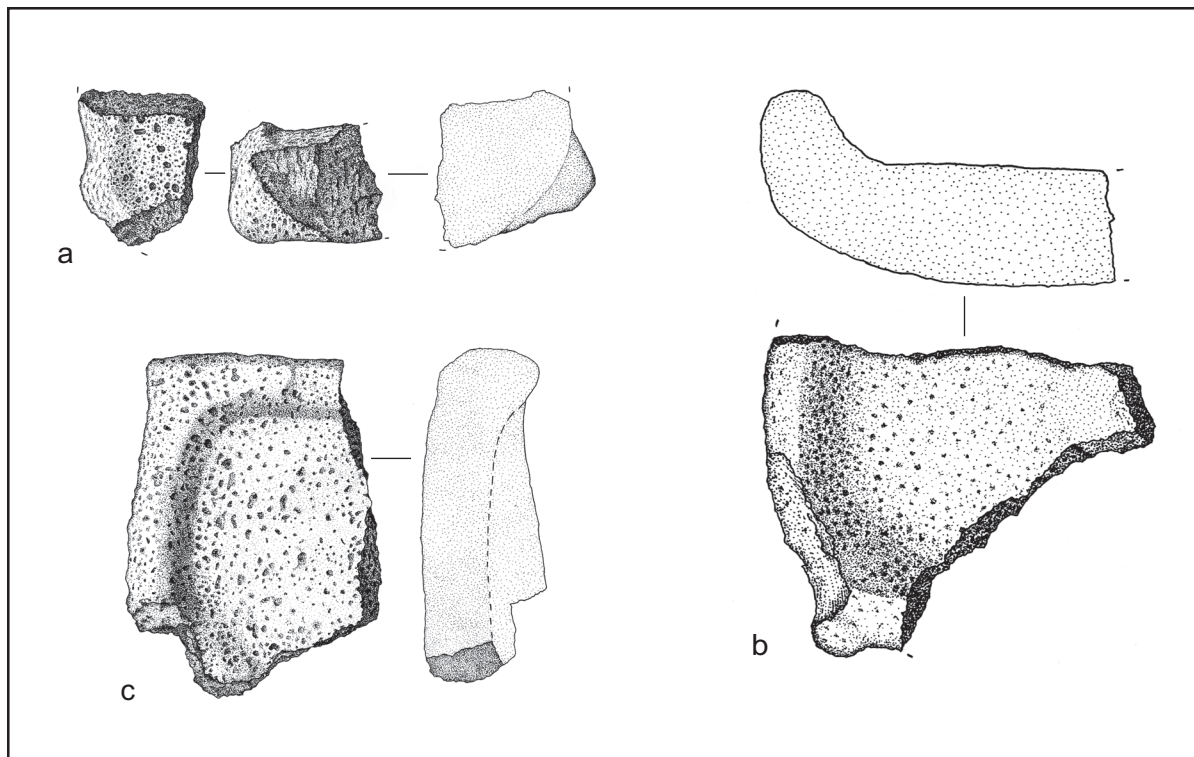
Other activities represented by ground stone in Feature 3431 are food processing and manufacturing. One side of a broken mano might have been used as a floor polisher. It has remnants of both red pigment and clay, as well as one surface with the distinctive central pecked area of a floor polisher (Adams 2014a:98-100). Two whole flat/concave manos were only used in food-processing activities. Two hammerstones and a lapstone were used in manufacturing activities.

Extramural features in Locus E also had abundant evidence for pigment processing. Hematite-rich rocks were in extramural pits, including bell-shaped pits, on extramural surface Feature 3421, and in pit-house fill. One sample of earthy hematite was in an extramural bell-shaped pit. A flat/concave mano in extramural pit Feature 3248 in Locus E was used in pigment processing, and is compatible with a broken metate in an early San Pedro phase extramural context in Locus F (see Table 1.13). The metate may have been intentionally broken, but the broken edge was reshaped by pecking, and smaller grinding surfaces were used on both sides of the metate. One redesigned metate surface is compatible with the mano.

The manufacture of ornaments in Locus E is evident with the collection of raw material. Muscovite samples that were in two extramural bell-shaped pits and in the postoccupational fill of a pit structure. It has been noted elsewhere that the manufacture of muscovite ornaments is most likely an outdoor activity (Miksa and Tompkins 1998:674).

#### **Stratum 504, Locus F (Late San Pedro Phase)**

Only seven items were analyzed from Locus F, and four of these were associated with one pit structure, Feature 23670. Two were in one extramural context, and one was in an extramural pit (see Table



**Figure 1.20.** Tray fragments from Las Capas, AZ AA:12:111 (ASM): (a) two views of a knobbed corner (Feature 13446; FN 3580; Catalog No. 2008-329-502); (b) plan and profile of a knobbed tray with part of the basin; use-wear in the basin is consistent with use of a stone pestle (Feature 13000; FN 2747; Catalog No. 2008-329-503); (c) plan and profile of a knobbed tray with part of a basin, but no obvious use-wear (Feature 14290; FN 4124; Catalog No. 2008-329-504).

1.20). A whorl recovered from the pit structure floor is the only item associated with a manufacturing task (see Figure 1.10f-g). Pigment-processing activities are represented by samples of earthy hematite. A flat/concave mano recovered from an extramural context was clearly used in food-processing activities, but the pestle from the same extramural context is small and could have been use in any processing activity. Other processing tools include a hammerstone and a chopper, both used for pulping activities, such as of leaves for fibers or fruits for juice.

#### **Stratum 504, Summary (Late San Pedro Phase)**

The ground stone assemblage recovered from late San Pedro phase Stratum 504 is approximately five times larger and spread out more broadly among the loci than the assemblage from the earlier, late San Pedro phase Stratum 505. Most of the Stratum 504 assemblage was in Loci D and E, and most of the Stratum 505 assemblage was in Locus B, which is more similar to the earlier assemblages. As in Stratum 505, pigment processing and food processing are the activities best represented by the

ground stone assemblage (see Table 1.15). Evidence for pigment processing in Stratum 504 is more abundant than any other activity, and is represented by raw material and processing tools, especially in Loci D and E. The evidence for manufacturing activities includes working of stone, wood, and hide.

Only two late San Pedro phase Stratum 504 mortuary features had associated ground stone items. A smoked pipe was buried with the individual in Feature 12021 in Locus C. Two natural items, a crystal and piece of calcite, were with the individual in Feature 7059 in Locus B.

Far more of the late San Pedro phase Stratum 504 ground stone assemblage was in pit structures than during any earlier timer period (see Table 1.6). That is, pigment processing is better represented in extramural contexts than in pit structures in all phases except the late San Pedro phase Stratum 504, when more pigment processing is associated with pit structures (see Table 1.6). Pigment processing was most associated with extramural bell-shaped pits in early San Pedro phase and extramural pits in late San Pedro phase Stratum 505. Stoneworking tools are consistently more prevalent in bell-shaped pits than in other contexts during all San Pedro phases.

## CONCLUSION

The details about the ground stone assemblage from Las Capas discussed here are supplementary to Adams (2014c), where the data are summarized and the project research questions relating to the early agricultural community are discussed. The three other chapters included here are data tables.

Chapter 2 is a summary database that includes the recorded variables for each analyzed piece of ground stone.

Chapter 3 provides a compilation of the ground stone artifacts found in pit structures and the ground stone artifacts in the extramural features within 3 m of the pit structures.

One of the most striking artifact counts at Las Capas is the number of fire-cracked rocks ( $n = 19,087$  from the 2008-2009 excavations). Fire-cracked rocks, including fire-cracked ground stone, were found in every type of feature, as well as in extramural areas, although their source was most likely roasting pits. The tables with this information are in Chapter 4.

Las Capas is a large site and has been the location of excavations by SWCA in 1998 (Whittlesey et al. 2010), and by Desert Archaeology, Inc., in 1998 and again in 2008-2009 (Mabry 2008; Vint 2014; Vint and Nials 2014). Through all this work and reported research, Las Capas has become one of the most important Early Agricultural period sites in the borderlands.



## THE GROUND STONE DATABASE FROM LAS CAPAS, AZ AA:12:111 (ASM)

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The variables analyzed for 785 artifacts from Las Capas, AZ AA:12:111 (ASM), are included in Table 2.1. These data are summarized in Adams (2014a),

and detailed descriptions of a few are presented in Chapter 1 (this volume).





Table 2.1. Specific attributes recorded for ground stone and ecofacts from Las Capas, AZ AA:12:111 (ASM).

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
504	Late San Pedro	A	4092.01	Bell-shaped pit	Extramural fill	Bell-shaped pit	5452.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	A	4092.05	Bell-shaped pit	Extramural fill	Bell-shaped pit	5478.01	Mano	Flat/concave	1	Whole	Fire-cracked	Strategic	Multiple	Concomitant
504	Late San Pedro	A	4092.05	Bell-shaped pit	Extramural fill	Bell-shaped pit	5477.01	Raw material	Tool	1	Whole	Fire-cracked	-	-	-
504	Late San Pedro	A	4013	Bell-shaped pit	Extramural fill	Bell-shaped pit	865.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	A	4015	Bell-shaped pit	Extramural fill	Bell-shaped pit	917.01	Lapstone	Flat	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	A	4015	Bell-shaped pit	Extramural fill	Bell-shaped pit	5004.01	Lapstone	Flat	1	Whole	No	Expedient	Multiple	-
504	Late San Pedro	A	4015	Bell-shaped pit	Extramural fill	Bell-shaped pit	918.01	Mano	Flat/concave	1	Whole	Yes	Expedient	Single	-
504	Late San Pedro	A	4015	Bell-shaped pit	Extramural fill	Bell-shaped pit	919.01	Raw material	Tool	1	Whole	No	-	-	-
504	Late San Pedro	A	4092.05	Bell-shaped pit	Extramural fill	Bell-shaped pit	5474.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	A	4092	Extramural surface	Surface	Extramural	5500.01	Mano	Basin	1	Whole	Fire-cracked	Expedient	Recycled	Sequential
504	Late San Pedro	A	4014.11	Interior feature	Bell-shaped pit	Structure occupation	5049.01	Abrader	Pebble-edge	1	Whole	No	Expedient	Multiple	-
504	Late San Pedro	A	4014.11	Interior feature	Bell-shaped pit	Structure occupation	5055.01	Painted clay	-	1	Sample	No	-	-	-
504	Late San Pedro	A	4014.11	Interior feature	Bell-shaped pit	Structure occupation	5050.01	Polisher	Pebble-edge	1	Whole	No	-	Multiple	Concomitant
504	Late San Pedro	A	4014.11	Interior feature	Bell-shaped pit	Structure occupation	5054.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	A	4030.04	Interior feature	Bell-shaped pit	Structure occupation	5354.01	Pecking stone	Cobble	1	Whole	Fire-cracked	Expedient	Single	-
504	Late San Pedro	A	4051.02	Interior feature	Bell-shaped pit	Structure occupation	5306.01	Pecking stone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	A	4014	Pit structure	Floor	Structure occupation	976.01	Lapstone	Flat	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	A	4054	Pit structure	Floor	Structure occupation	5195.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	A	4030.02	Interior feature	Posthole	Structure occupation	5333.01	Polisher	Pebble	1	Whole	No	Expedient	Single	-
504	Late San Pedro	A	4052	Roasting pit	Extramural fill	Roasting pit	5286.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	A	4064	Roasting pit	Extramural fill	Roasting pit	5656.01	Netherstone	-	1	Broken	Yes	Strategic	Multiple	-
504	Late San Pedro	A	4064	Roasting pit	Extramural fill	Roasting pit	5657.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	A	4061	Nonfeature	Sheet trash	Sheet trash	5302.01	Handstone	Flat/concave	1	Whole	Yes	-	Reused	Sequential
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7822.01	Disk	-	1	Broken	No	Strategic	-	-
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7687.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7815.01	Metate	-	1	Broken	Fire-cracked	Strategic	Recycled	-
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7821.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7686.01	Mortar	Tray - plain	1	Whole	No	Strategic	Single	-
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7684.01	Pestle	Shaped	1	Whole	No	Strategic	Single	-
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7685.01	Pestle	Shaped	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	B	7019	Bell-shaped pit	Extramural fill	Bell-shaped pit	7688.01	Raw material	Tool	1	Whole	No	-	-	-
504	Late San Pedro	B	7077	Extramural pit	Extramural fill	Extramural pit	5934.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	B	7077	Extramural pit	Extramural fill	Extramural pit	5937.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	B	7091	Extramural pit	Extramural fill	Extramural pit	5913.01	Handstone	Flat/concave	1	Whole	No	Expedient	Single	-
504	Late San Pedro	B	7193	Extramural pit	Extramural fill	Extramural pit	6309.01	Mano	Flat/concave	1	Whole	No	Incomplete	Unused	Concomitant
504	Late San Pedro	B	7059	Inhumation	Extramural fill	Mortuary	5919.01	Crystal	Natural	1	Broken	No	-	-	-
504	Late San Pedro	B	7059	Inhumation	Extramural fill	Mortuary	5921.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	6275.01	Mano	Flat/concave	1	Whole	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	7302.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	7360.01	Mano	Flat/concave	1	Broken	No	Strategic	Single	-
504	Late San Pedro	B	7245	Pit structure	Floor fill	Structure occupation	6712.01	Polisher	Pebble-edge	1	Whole	No	Expedient	Single	-
504	Late San Pedro	B	7075	Pit structure	Roof/wall fall	Structure occupation	6185.01	Polisher	Handstone	1	Broken	Fire-cracked	-	-	-
504	Late San Pedro	B	7075	Pit structure	Roof/wall fall	Structure occupation	6192.01	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	B	7282	Pit structure	Roof/wall fall	Structure occupation	6945.01	Raw material	Tool	1	Whole	Yes	-	-	-
504	Late San Pedro	B	7100	Roasting pit	Extramural fill	Roasting pit	6149.01	Raw material	Ornament	1	Whole	No	-	-	-
504	Late San Pedro	C	12035	Bell-shaped pit	Extramural fill	Bell-shaped pit	5039.01	Mortar	Tray - knobbed	1	Whole	No	Strategic	Multiple	-
504	Late San Pedro	C	12063	Bell-shaped pit	Extramural fill	Bell-shaped pit	5218.01	Handstone	Hide working	1	Whole	No	Expedient	Redesigned	Sequential
504	Late San Pedro	C	12063	Bell-shaped pit	Extramural fill	Bell-shaped pit	5225.01	Mano	Flat/concave	1	Broken	No	Strategic	Redesigned	-
504	Late San Pedro	C	12063	Bell-shaped pit	Extramural fill	Bell-shaped pit	5226.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
504	Late San Pedro	C	12063	Bell-shaped pit	Extramural fill	Bell-shaped pit	5227.01	Mano	Flat/concave	1	Whole	Yes	Strategic	Reused	Concomitant

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
4092.01	5452.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
4092.05	5478.01	Handstone	Heavy	Food processing	Pigment processing	Pigment processing	11.2	7.4	5.1	565.00	Sandstone	Santa Cruz River	Pigment	10R 4/6
4092.05	5477.01	Fire-cracked rock	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	-	Unknown	Unknown	-	-
4013	865.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/8
4015	917.01	Abrader	Heavy	Smoothing	Pigment processing	Pigment processing	6.7	4.8	0.8	37.50	Siltstone	Santa Cruz River	Pigment	10R 4/6
4015	5004.01	Polisher	Moderate	Polishing	Stoneworking	Stoneworking	7.2	4.3	0.8	38.50	Sandstone	Santa Cruz River	-	-
4015	918.01	-	Moderate	Food processing	Food processing	Food processing	8.4	7.2	3.2	307.50	Sandstone	Santa Cruz River	-	-
4015	919.01	-	Unused	Procurement	Stoneworking	Stoneworking	4.9	4.7	1.2	37.50	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
4092.05	5474.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.2	1.1	0.8	2.50	Hematite-rock	Tucson Basin	Pigment	10R 3/6
4092	5500.01	Fire-cracked rock	Light	Food processing	Multiple	Roasting	8.4	7.9	5.1	481.00	Metamorphic	Cañada del Oro, Rillito,Tanque Verde washes	-	-
4014.11	5049.01	Lapstone	Light	Smoothing	Manufacture	Manufacture	3.8	4.0	0.6	16.00	Andesite	Santa Cruz River	-	-
4014.11	5055.01	-	-	Paraphernalia	-	Paraphernalia	-	-	-	12.50	Hematite-earthly	Tucson Basin	Paint	10R 4/6
4014.11	5050.01	Polisher	Light	Smoothing	Manufacture	Manufacture	3.6	3.1	0.9	16.00	Meta-sandstone	Santa Cruz River	-	-
4014.11	5054.01	-	Unused	Procurement	Pigment processing	Pigment processing	5.1	2.8	2.5	54.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
4030.04	5354.01	-	Light	Percussion	Stoneworking	Stoneworking	8.0	7.5	4.0	393.00	Quartzite	Santa Cruz River	-	-
4051.02	5306.01	Fire-cracked rock	Moderate	Percussion	Multiple	Roasting	-	-	-	-	-	-	-	-
4014	976.01	Lapstone	Light	General processing	Pigment processing	Pigment processing	9.7	8.5	2.5	279.50	Granite	Cañada del Oro, Rillito,Tanque Verde washes	Pigment	10R 4/8
4054	5195.01	Pecking stone	Light	General processing	Pigment processing	Pigment processing	8.4	6.2	4.3	318.50	Sandstone	Santa Cruz River	Pigment	10R 4/6
4030.02	5333.01	-	Light	Polishing	Manufacture	Manufacture	5.5	3.9	2.2	71.00	Quartzite	Santa Cruz River	-	-
4052	5286.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Rhyolite	Santa Cruz River	-	-
4064	5656.01	Abrader	-	Processing	Pigment processing	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	Pigment	10R 3/6
4064	5657.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
4061	5302.01	Fire-cracked rock	-	General processing	Multiple	Roasting	6.7	5.9	4.2	212.50	Sandstone	Santa Cruz River	-	-
7019	7822.01	-	-	-	Pigment processing	Pigment processing	-	-	-	-	Mudstone	Santa Cruz River	Pigment	10R 4/6
7019	7687.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
7019	7815.01	Fire-cracked rock	Heavy	Food processing	Multiple	Roasting	-	-	6.4	-	Rhyolite	Tucson Mountains	-	-
7019	7821.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
7019	7686.01	-	Moderate	General processing	General processing	Processing	24.2	19.8	2.7	-	Felsic-vesicular	Tucson Mountains	-	-
7019	7684.01	-	Moderate	Percussion	General processing	Processing	8.2	5.9	4.5	359.50	Quartzite	Santa Cruz River	-	-
7019	7685.01	Pestle	Moderate	Percussion	Pigment processing	Pigment processing	7.5	4.1	3.0	166.50	Quartzite	Santa Cruz River	Pigment	10R 4/8
7019	7688.01	-	Unused	Procurement	Stoneworking	Stoneworking	7.9	7.7	1.9	152.00	Mudstone	Santa Cruz River	-	-
7077	5934.01	Pecking stone	Moderate	General processing	Pigment processing	Pigment processing	11.2	7.7	6.1	745.00	Quartzite	Santa Cruz River	Pigment	10R 4/8
7077	5937.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	2.00	Hematite/limonite	Tucson Basin	Pigment	10R 4/6
7091	5913.01	Handstone	Moderate	General processing	Pigment processing	Pigment processing	10.9	8.9	6.1	818.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	Pigment	10R 4/8
7193	6309.01	Pestle	Unused	Food processing	Multiple	Food processing	13.4	9.6	6.2	1,280.50	Monzonite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7059	5919.01	-	-	-	Ritual	Mortuary	-	-	-	-	Plagioclase feldspar	Unknown	-	-
7059	5921.01	Offering	Unused	Paraphernalia	Ritual	Mortuary	-	-	-	0.01	Calcite	Unknown	Calcite	5YR 7/4
7000	6275.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Schist	Santa Cruz River	-	-
7000	7302.01	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	12.0	9.9	4.2	871.50	Quartzite	Santa Cruz River	Pigment	10R 4/8
7000	7360.01	-	Moderate	Food processing	Food processing	Food processing	-	-	4.5	-	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7245	6712.01	-	Moderate	Smoothing	Manufacture	Manufacture	4.3	3.1	0.7	17.50	Mudstone	Santa Cruz River	-	-
7075	6185.01	-	Moderate	Polishing	-	Manufacture	-	-	-	-	Andesite	Santa Cruz River	-	-
7075	6192.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Quartzite	Santa Cruz River	-	-
7282	6945.01	-	Unused	Procurement	Stoneworking	Stoneworking	4.0	4.0	1.9	47.50	Sandstone	Santa Cruz River	-	-
7100	6149.01	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	-	Muscovite	Unknown	-	-
12035	5039.01	Netherstone	Heavy	General processing	Pigment processing	Pigment processing	33.8	21.9	4.3	-	Sandstone	Tucson Basin	Pigment	10R 4/8
12063	5218.01	Pestle	Moderate	Abrading	Multiple	Hide working	14.3	8	5.5	845.50	Dacite	Tucson Mountains	-	-
12063	5225.01	Mano	Moderate	Food processing	Food processing	Food processing	-	9.5	6.4	-	Basalt/andesite-vesicular	Tucson Mountains	-	-
12063	5226.01	-	Moderate	Food processing	Food processing	Food processing	10.3	8.5	3.7	504.00	Sandstone	Santa Cruz River	-	-
12063	5227.01	Handstone	Heavy	Food processing	Pigment processing	Pigment processing	10.4	9.6	3.8	683.50	Sandstone	Santa Cruz River	Pigment	10R 4/8

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
504	Late San Pedro	C	12063	Bell-shaped pit	Extramural fill	Bell-shaped pit	5228.01	Mano	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	C	12071	Bell-shaped pit	Extramural fill	Bell-shaped pit	5276.01	Unidentified	-	1	Broken	Fire-cracked	-	Multiple	Sequential
504	Late San Pedro	C	12117	Bell-shaped pit	Extramural fill	Bell-shaped pit	6273.01	Hammerstone	Pulping stone	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	C	12117	Bell-shaped pit	Extramural fill	Bell-shaped pit	5938.01	Mano	Blank	1	Whole	No	Strategic	Unused	-
504	Late San Pedro	C	12117	Bell-shaped pit	Extramural fill	Bell-shaped pit	6271.01	Mano	Flat/concave	1	Whole	No	Expedient	Reused	Concomitant
504	Late San Pedro	C	12117	Bell-shaped pit	Extramural fill	Bell-shaped pit	6272.01	Mano	Flat/concave	1	Whole	Yes	Strategic	Multiple	Concomitant
504	Late San Pedro	C	12196	Nonfeature	Nonfeature	Extramural	5715.02	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	C	12196	Nonfeature	Nonfeature	Extramural	5715.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	C	12084	Extramural pit	Extramural fill	Extramural pit	5241.01	Lapstone	Flat/concave	1	Whole	No	Expedient	Single	-
504	Late San Pedro	C	12084	Extramural pit	Extramural fill	Extramural pit	5240.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	C	12087	Extramural pit	Extramural fill	Extramural pit	5179.01	Mano	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	C	12122	Extramural pit	Extramural fill	Extramural pit	5939.01	Mano	Blank	1	Whole	No	Expedient	Unused	-
504	Late San Pedro	C	12147	Extramural pit	Extramural fill	Extramural pit	5463.01	Unidentified	-	4	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	C	12207	Extramural pit	Extramural fill	Extramural pit	5359.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	C	12239	Extramural pit	Extramural fill	Extramural pit	6263.27	Unidentified	-	1	Broken	No	-	-	-
504	Late San Pedro	C	12239	Extramural pit	Extramural fill	Extramural pit	6263.28	Unidentified	-	1	Broken	No	-	-	-
504	Late San Pedro	C	12239	Extramural pit	Extramural fill	Extramural pit	6264.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	C	12021	Inhumation	Extramural fill	Mortuary	5022.01	Pipe	Composite	1	Whole	from use	Strategic	Recycled	Sequential
504	Late San Pedro	C	12000	Nonfeature	Nonfeature	Extramural	5578.01	Pestle	Blank	1	Whole	No	Strategic	Unused	-
504	Late San Pedro	C	12177	Interior feature	Small pit	Structure occupation	5430.01	Lapstone	Flat	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	C	12242	Roasting pit	Extramural fill	Roasting pit	6336.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13398	Bell-shaped pit	Extramural fill	Bell-shaped pit	2077.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13398	Bell-shaped pit	Extramural fill	Bell-shaped pit	2078.01	Raw material	Ornament	1	Sample	No	-	-	-
504	Late San Pedro	D	13398	Bell-shaped pit	Extramural fill	Bell-shaped pit	2079.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13446	Bell-shaped pit	Extramural fill	Bell-shaped pit	3574.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13446	Bell-shaped pit	Extramural fill	Bell-shaped pit	3580.01	Mortar	Tray - knobbed	1	Broken	No	Strategic	-	-
504	Late San Pedro	D	13446	Bell-shaped pit	Extramural fill	Bell-shaped pit	3573.01	Pestle	Cylindrical	1	Broken	No	Strategic	-	-
504	Late San Pedro	D	13446	Bell-shaped pit	Extramural fill	Bell-shaped pit	3574.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13577	Bell-shaped pit	Extramural fill	Bell-shaped pit	3597.02	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13577	Bell-shaped pit	Extramural fill	Bell-shaped pit	3597.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13627	Bell-shaped pit	Extramural fill	Bell-shaped pit	2303.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Sequential
504	Late San Pedro	D	13663	Bell-shaped pit	Extramural fill	Bell-shaped pit	2354.01	Raw material	Pigment	1	Sample	No	-	Unused	-
504	Late San Pedro	D	13724	Bell-shaped pit	Extramural fill	Bell-shaped pit	3658.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13799	Bell-shaped pit	Extramural fill	Bell-shaped pit	2397.01	Chopper	Pulping stone	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13809	Bell-shaped pit	Extramural fill	Bell-shaped pit	2577.01	Raw material	Tool	1	Whole	No	-	-	-
504	Late San Pedro	D	13920	Bell-shaped pit	Extramural fill	Bell-shaped pit	3616.02	Mortar	Tray	1	Broken	-	-	-	-
504	Late San Pedro	D	13920	Bell-shaped pit	Extramural fill	Bell-shaped pit	3616.03	Mortar	Tray	1	Broken	-	-	-	-
504	Late San Pedro	D	13920	Bell-shaped pit	Extramural fill	Bell-shaped pit	3616.01	Netherstone	-	1	Broken	Yes	-	Multiple	-
504	Late San Pedro	D	13920	Bell-shaped pit	Extramural fill	Bell-shaped pit	8085.01	Raw material	Tool	1	Whole	No	-	-	-
504	Late San Pedro	D	14309	Bell-shaped pit	Extramural fill	Bell-shaped pit	4159.01	Pecking stone	Cobble	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	D	14309	Bell-shaped pit	Extramural fill	Bell-shaped pit	4157.01	Polisher	Pebble	1	Whole	No	Expedient	Single	-
504	Late San Pedro	D	14314	Bell-shaped pit	Extramural fill	Bell-shaped pit	4162.01	Lapstone	Flat	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	D	13475	Pit structure	Pithouse fill	Extramural	2589.01	Unidentified	-	1	Broken	No	-	Reused	Sequential
504	Late San Pedro	D	13456	Extramural pit	Extramural fill	Extramural pit	3631.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13465	Extramural pit	Extramural fill	Extramural pit	2064.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13479	Extramural pit	Extramural fill	Extramural pit	2787.01	Polisher	Pebble	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	D	13479	Extramural pit	Extramural fill	Extramural pit	2788.01	Shaped	-	1	Whole	No	Strategic	Unused	-
504	Late San Pedro	D	13479	Extramural pit	Extramural fill	Extramural pit	2786.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13481	Extramural pit	Extramural fill	Extramural pit	2158.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13537	Extramural pit	Extramural fill	Extramural pit	3111.01	Raw material	Pigment	1	Sample	No	-	-	-



Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
12063	5228.01	Lapstone	Moderate	Food processing	Multiple	Food processing	13.4	10.6	5.4	844.00	Basalt/andesite-vesicular	Tucson Mountains	-	-
12071	5276.01	Fire-cracked rock	-	-	Pigment processing	Pigment processing	-	-	6.7	-	Sandstone	Santa Cruz River	Pigment	10R 4/6
12117	6273.01	Hammerstone	Moderate	Percussion	General processing	Processing	8.8	6.2	5.0	459.50	Volcanic	Tucson Mountains	-	-
12117	5938.01	-	Unused	Food processing	Unused	Stoneworking	15.6	8.7	4.8	837.50	Felsic-vesicular	Tucson Mountains	-	-
12117	6271.01	Mano	Moderate	Food processing	Food processing	Food processing	13.0	11.2	5.2	-	Granite	Santa Cruz River	-	-
12117	6272.01	Pestle	Moderate	Food processing	Food processing	Food processing	9.1	7.9	4.1	477.00	Sandstone	Santa Cruz River	-	-
12196	5715.02	Fire-cracked rock	-	Processing	Multiple	Roasting	-	-	-	-	Volcanic	Tucson Mountains	-	-
12196	5715.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
12084	5241.01	-	Light	Smoothing	Manufacture	Manufacture	5.7	4.1	1.9	53.00	Dacite	Santa Cruz River	-	-
12084	5240.01	Fire-cracked rock	Moderate	-	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
12087	5179.01	Pestle	Light	Food processing	Food processing	Food processing	15.3	8.2	5.0	961.50	Latite	Santa Cruz River	-	-
12122	5939.01	-	Unused	Food processing	Unused	Stoneworking	15.4	8.9	5.3	1,026.50	Basalt/andesite-vesicular	Santa Cruz River	-	-
12147	5463.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
12207	5359.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
12239	6263.27	-	-	-	Pigment processing	Pigment processing	-	-	-	-	Andesite	Santa Cruz River	-	10R 5/6
12239	6263.28	-	-	-	Pigment processing	Pigment processing	-	-	-	-	-	-	Pigment	10R 5/6
12239	6264.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
12021	5022.01	Offering	Light	Paraphernalia	Ritual	Mortuary	7.2	2.7	2.7	44.80	Granite	Tucson Basin	Organic	10R 6/8
12000	5578.01	-	Unused	Percussion	Unused	Stoneworking	15.6	8.7	4.8	837.50	Sandstone	Santa Cruz River	-	-
12177	5430.01	Pecking stone	Moderate	General processing	Pigment processing	Pigment processing	10.9	8.1	3.4	347.50	Quartzite	Santa Cruz River	Pigment	10R 4/6
12242	6336.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthy	Tucson Basin	Pigment	10R 3/6
13398	2077.01	-	Unused	Procurement	Pigment processing	Pigment processing	0.8	0.6	0.6	-	Hematite-rock	Tucson Basin	Pigment	10R 4/6
13398	2078.01	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	-	Muscovite	Tucson Basin	-	-
13398	2079.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13446	3574.01	Fire-cracked rock	-	General processing	Pigment processing	Pigment processing	-	-	-	-	-	-	Pigment	10R 4/4
13446	3580.01	-	-	Paraphernalia	-	Processing	-	-	-	-	Basalt/andesite-vesicular	Santa Cruz River	-	-
13446	3573.01	-	-	Percussion	-	-	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
13446	3574.02	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	-	-	-	-
13577	3597.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13577	3597.01	Fire-cracked rock	Moderate	Processing	Multiple	Roasting	-	-	-	-	-	-	-	-
13627	2303.01	Pecking stone	Moderate	General processing	Pigment processing	Pigment processing	6.1	5.7	2.6	133.50	Quartzite	Santa Cruz River	Pigment	10R 4/6
13663	2354.01	-	Unused	Procurement	Unused	Pigment processing	-	-	-	6.00	Mafic minerals	Tucson Basin	Pigment	White
13724	3658.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13799	2397.01	Fire-cracked rock	Light	Percussion	Multiple	Roasting	-	-	-	-	Volcanic	Tucson Mountains	-	-
13809	2577.01	-	Unused	Procurement	Stoneworking	Stoneworking	14.5	5.0	3.1	299.50	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
13920	3616.02	-	-	Paraphernalia	-	Processing	-	-	-	-	-	-	-	-
13920	3616.03	-	-	Paraphernalia	-	Processing	-	-	-	-	-	-	-	-
13920	3616.01	Netherstone	-	Processing	Pigment processing	Pigment processing	-	-	-	-	Felsic-vesicular	Santa Cruz River	Pigment	10R 5/6
13920	8085.01	-	Unused	Procurement	Stoneworking	Stoneworking	4.3	3.0	1.2	26.50	Basalt/andesite	Santa Cruz River	-	-
14309	4159.01	Painted rock	Moderate	Percussion	Multiple	Pigment processing	5.5	5.9	4.7	272.00	Andesite	Santa Cruz River	Pigment	10R 5/8
14309	4157.01	-	Moderate	Polishing	Woodworking	Woodworking	3.7	3.1	2.4	43.50	Meta-sandstone	Santa Cruz River	-	-
14314	4162.01	Polisher	Moderate	Smoothing	Manufacture	Manufacture	7.8	6.3	1.7	130.50	Sandstone	Santa Cruz River	-	-
13475	2589.01	Abrader	-	-	Pigment processing	Pigment processing	-	-	-	-	Unknown	Unknown	Pigment	10R 4/6
13456	3631.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13465	2064.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	10.00	Hematite-rock	Tucson Basin	Pigment	10R 3/6
13479	2787.01	Pecking stone	Moderate	Polishing	Woodworking	Woodworking	2.7	2.0	1.7	13.50	Quartzite	Santa Cruz River	-	-
13479	2788.01	-	Unused	Paraphernalia	Unused	Stoneworking	3.5	2.9	0.3	5.00	Sandstone	Santa Cruz River	-	-
13479	2786.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13481	2158.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
13537	3111.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.7	1.6	1.0	2.50	Hematite-rock	Tucson Basin	Pigment	10R 3/6

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
504	Late San Pedro	D	13661	Extramural pit	Extramural fill	Extramural pit	3102.01	Unidentified	-	1	Broken	No	-	-	-
504	Late San Pedro	D	13662	Extramural pit	Extramural fill	Extramural pit	2262.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13857	Extramural pit	Extramural fill	Extramural pit	3867.01	Hammerstone	Pulping stone	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	D	13899	Extramural pit	Extramural fill	Extramural pit	2775.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	D	13899	Extramural pit	Extramural fill	Extramural pit	2727.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	14088	Extramural pit	Extramural fill	Extramural pit	3794.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	14208	Extramural pit	Extramural fill	Extramural pit	3356.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	14253	Extramural pit	Extramural fill	Extramural pit	3813.01	Mano	Basin	1	Whole	No	Strategic	Single	-
504	Late San Pedro	D	14284	Extramural pit	Extramural fill	Extramural pit	4088.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	14290	Extramural pit	Extramural fill	Extramural pit	4124.01	Mortar	Tray - knobbed	1	Broken	Yes	Strategic	Single	-
504	Late San Pedro	D	14376	Extramural pit	Extramural fill	Extramural pit	13722	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	14064	Extramural surface	Extramural fill	Extramural surface	2936.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13941	Nonfeature	Well	Extramural	3747.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	1911.01	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	2795.01	Mano	Flat/concave	1	Whole	Yes	Expedient	Single	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	2747.01	Mortar	Tray - knobbed	1	Broken	No	Strategic	Single	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	3960.01	Ornament	Pendant	1	Broken	No	Strategic	-	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	2846.01	Pipe	Barrel	1	Whole	No	Incomplete	Unused	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	1876.01	Polisher	Disk	1	Whole	No	Expedient	Redesigned	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	4094.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	2948.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	2949.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13218.1	Interior feature	Bell-shaped pit	Structure occupation	2182.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	D	13218.1	Interior feature	Bell-shaped pit	Structure occupation	2183.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	D	13218.1	Interior feature	Bell-shaped pit	Structure occupation	2243.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13218.1	Interior feature	Bell-shaped pit	Structure occupation	2179.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13325.1	Interior feature	Bell-shaped pit	Structure occupation	2143.01	Raw material	Ornament	1	Sample	No	-	-	-
504	Late San Pedro	D	13367	Interior feature	Bell-shaped pit	Structure occupation	2328.01	Polisher	Pebble	1	Whole	No	Expedient	Single	-
504	Late San Pedro	D	13596	Interior feature	Bell-shaped pit	Structure occupation	3839.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13596.1	Interior feature	Bell-shaped pit	Structure occupation	3847.01	Metate	-	1	Broken	Fire-cracked	-	-	-
504	Late San Pedro	D	13771.1	Interior feature	Feature fill	Structure occupation	2673.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13218	Pit structure	Floor	Structure occupation	1989.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	D	13325	Pit structure	Floor	Structure occupation	2108.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13475	Pit structure	Floor	Structure occupation	2744.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	-
504	Late San Pedro	D	13596	Pit structure	Floor	Structure occupation	3914.01	Pecking stone	Cobble	1	Whole	No	Expedient	Single	-
504	Late San Pedro	D	13218	Pit structure	Floor fill	Structure occupation	1988.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	D	13367	Pit structure	Floor fill	Structure occupation	2230.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13548	Pit structure	Floor fill	Structure occupation	2448.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	D	13596	Pit structure	Floor fill	Structure occupation	3921.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13367.1	Interior feature	Posthole	Structure occupation	2333.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	D	13367.1	Interior feature	Posthole	Structure occupation	2468.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	D	13367.1	Interior feature	Posthole	Structure occupation	2469.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
504	Late San Pedro	D	13367.1	Interior feature	Posthole	Structure occupation	2338.01	Abrader	Pebble	1	Whole	No	Expedient	Single	-
504	Late San Pedro	D	13596.1	Interior feature	Posthole	Structure occupation	3857.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13325	Interior feature	Small pit	Structure occupation	2122.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	D	13325	Interior feature	Small pit	Structure occupation	2117.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13222	Roasting pit	Extramural fill	Roasting pit	2829.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13354	Roasting pit	Extramural fill	Roasting pit	1974.01	Unidentified	-	1	Broken	No	-	-	-
504	Late San Pedro	D	13505	Roasting pit	Extramural fill	Roasting pit	2811.01	Pecking stone	-	1	Broken	Fire-cracked	Expedient	Multiple	Sequential
504	Late San Pedro	D	13542	Roasting pit	Extramural fill	Roasting pit	2263.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential



Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
13661	3102.01	-	-	-	-	-	-	-	-	-	-	-	-	-
13662	2262.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	2	Hematite-earthly	Tucson Basin	Pigment	10R 4/4
13857	3867.01	Abrader	Moderate	Percussion	Pigment processing	Pigment processing	7.9	7	4.1	355.00	Latite	Tucson Mountains	Pigment	10R 3/6
13899	2775.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	32.50	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
13899	2727.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
14088	3794.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.7	1.2	1.0	2.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
14208	3356.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
14253	3813.01	-	Moderate	Food processing	Food processing	Food processing	10.1	9.9	5.2	724.50	Granite	-	-	-
14284	4088.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	30.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
14290	4124.01	-	Moderate	General processing	General processing	Processing	-	-	-	-	Basalt/andesite-vesicular	Santa Cruz River	-	-
14376	13722	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
14064	2936.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
13941	3747.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.1	2.1	1.6	5.50	Hematite-earthly	Tucson Basin	Pigment	10R 5/8
13000	1911.01	-	Light	Food processing	Food processing	Food processing	10.7	9.3	4.7	779.50	Granodiorite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
13000	2795.01	-	Moderate	Food processing	Food processing	Food processing	10.4	9.3	4.9	776.50	Granodiorite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
13000	2747.01	-	-	General processing	General processing	Processing	-	-	-	-	Basalt/andesite-vesicular	Santa Cruz River	-	-
13000	3960.01	-	-	Paraphernalia	Paraphernalia	Paraphernalia	-	-	-	-	Sandstone	-	-	-
13000	2846.01	-	Unused	Paraphernalia	Manufacture	Stoneworking	7.2	5.2	5.2	142.00	Basalt/andesite-vesicular	Tucson Mountains	-	-
13000	1876.01	Graver	Moderate	Polishing	Woodworking	Woodworking	4.9	4.9	1.0	31.00	-	-	-	-
13000	4094.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	3.50	Hematite-rock	Tucson Basin	Pigment	10R 4/6
13000	2948.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13000	2949.01	Abrader	-	-	Pigment processing	Pigment processing	-	-	-	-	Quartzite	Santa Cruz River	Pigment	10R 4/6
13218.1	2182.01	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	14.9	9.3	4.4	895.00	Basalt/andesite-vesicular	Santa Cruz River	-	Multiple
13218.1	2183.01	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	11.6	9.9	4.1	837.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	10R 4/8
13218.1	2243.01	Fire-cracked rock	-	Processing	Multiple	Roasting	-	-	-	-	-	-	-	-
13218.1	2179.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	64.00	Hematite-rock	Tucson Basin	Pigment	10R 3/6
13325.1	2143.01	-	Unused	Procurement	Stoneworking	Stoneworking	1.3	1.0	0.1	-	Muscovite	Tucson Basin	-	-
13367	2328.01	-	Moderate	Polishing	Woodworking	Woodworking	3.5	3.1	2.1	32.50	Sandstone	Santa Cruz River	-	-
13596	3839.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13596.1	3847.01	-	-	Food processing	Pigment processing	Pigment processing	-	-	-	-	-	-	Pigment	10R 4/4
13771.1	2673.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13218	1989.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.9	3.9	2.6	40.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
13325	2108.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.4	2.6	1.7	13.50	Limonite-rock	Tucson Basin	Pigment	10YR 7/8
13475	2744.01	Pestle	Moderate	Food processing	Food processing	Food processing	14.2	7.8	5.6	756.00	Felsic-vesicular	Santa Cruz River	-	-
13596	3914.01	-	Light	Percussion	Manufacture	Manufacture	7.5	6.3	2.3	167.50	Sandstone	Santa Cruz River	-	-
13218	1988.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.4	2.0	1.3	7.00	Limonite-earthly	Tucson Basin	Pigment	7.5YR 7/8
13367	2230.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	9.00	Hematite-rock	Tucson Basin	Pigment	10R 4/2
13548	2448.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.6	2.1	1.7	7.50	Hematite-rock	Tucson Basin	Pigment	10R 5/8
13596	3921.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.3	2.5	1.9	27.50	Hematite-rock	Tucson Basin	Pigment	10R 4/6
13367.1	2333.01	Pecking stone	Moderate	General processing	Pigment processing	Pigment processing	6.9	6.8	4.0	270.00	Quartzite	Santa Cruz River	Pigment	10R 4/8
13367.1	2468.01	Pecking stone	Moderate	General processing	Pigment processing	Pigment processing	8.1	6.3	3.2	251.00	Quartzite	Santa Cruz River	Pigment	10R 4/6
13367.1	2469.01	Pecking stone	Moderate	General processing	Manufacture	Manufacture	5.5	4.9	3.4	132.50	Sandstone	Santa Cruz River	-	-
13367.1	2338.01	-	Light	Abrading	Pigment processing	Pigment processing	7.2	6.5	3.5	207.50	Basalt/andesite-vesicular	Santa Cruz River	Pigment	10R 4/6
13596.1	3857.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13325	2122.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.1	1.8	1.5	4.00	Hematite-earthly	Tucson Basin	Pigment	10R 5/8
13325	2117.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13222	2829.01	Fire-cracked rock	Moderate	Processing	Multiple	Roasting	-	-	-	-	-	-	-	-
13354	1974.01	-	-	-	Pigment processing	Roasting	-	-	-	-	Quartzite	Santa Cruz River	Pigment	10R 4/8
13505	2811.01	Fire-cracked rock	Moderate	Percussion	Multiple	Roasting	-	-	-	-	Granite	Rillito Creek	-	-
13542	2263.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
504	Late San Pedro	D	13660	Roasting pit	Extramural fill	Roasting pit	3099.01	Mano	Flat/concave	1	Whole	Fire-cracked	Strategic	Recycled	Sequential
504	Late San Pedro	D	13805	Roasting pit	Extramural fill	Roasting pit	4054.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	D	13820	Roasting pit	Extramural fill	Roasting pit	2558.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	D	13852	Roasting pit	Extramural fill	Roasting pit	4083.01	Metate	-	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
504	Late San Pedro	D	13880	Roasting pit	Extramural fill	Roasting pit	2547.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	13902	Roasting pit	Extramural fill	Roasting pit	4077.01	Abrader	Flat	1	Broken	Fire-cracked	Expedient	Recycled	Sequential
504	Late San Pedro	D	14000	Roasting pit	Extramural fill	Roasting pit	3674.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	14000	Roasting pit	Extramural fill	Roasting pit	3673.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	D	14225	Roasting pit	Extramural fill	Roasting pit	3663.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3149	Bell-shaped pit	Extramural fill	Bell-shaped pit	1643.01	Pecking stone	Cobble	1	Whole	Yes	Expedient	Recycled	Sequential
504	Late San Pedro	E	3171	Bell-shaped pit	Extramural fill	Bell-shaped pit	1493.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3171	Bell-shaped pit	Extramural fill	Bell-shaped pit	1493.02	Unidentified	-	3	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3236	Bell-shaped pit	Extramural fill	Bell-shaped pit	1251.01	Raw material	Ornament	1	Whole	No	-	-	-
504	Late San Pedro	E	3236	Bell-shaped pit	Extramural fill	Bell-shaped pit	1248.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3240	Bell-shaped pit	Extramural fill	Bell-shaped pit	1204.02	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3240	Bell-shaped pit	Extramural fill	Bell-shaped pit	1204.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3243	Bell-shaped pit	Extramural fill	Bell-shaped pit	1383.01	Raw material	Ornament	1	Whole	No	-	-	-
504	Late San Pedro	E	3251	Bell-shaped pit	Extramural fill	Bell-shaped pit	1519.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3260	Bell-shaped pit	Extramural fill	Bell-shaped pit	1549.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3260	Bell-shaped pit	Extramural fill	Bell-shaped pit	1549.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3264	Bell-shaped pit	Extramural fill	Bell-shaped pit	1442.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3333	Bell-shaped pit	Extramural fill	Bell-shaped pit	1483.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3335	Bell-shaped pit	Extramural fill	Bell-shaped pit	1450.01	Unidentified	-	1	Broken	No	-	-	-
504	Late San Pedro	E	3335	Bell-shaped pit	Extramural fill	Bell-shaped pit	1451.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3412	Bell-shaped pit	Extramural fill	Bell-shaped pit	1567.01	Crystal	Double point	1	Whole	No	-	Unused	-
504	Late San Pedro	E	3412	Bell-shaped pit	Extramural fill	Bell-shaped pit	1528.01	Raw material	Ornament	1	Whole	No	-	-	-
504	Late San Pedro	E	3413	Bell-shaped pit	Extramural fill	Bell-shaped pit	1571.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3416	Bell-shaped pit	Extramural fill	Bell-shaped pit	1585.01	Mano	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3416	Bell-shaped pit	Extramural fill	Bell-shaped pit	1588.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3416	Bell-shaped pit	Extramural fill	Bell-shaped pit	1564.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3424	Bell-shaped pit	Extramural fill	Bell-shaped pit	1736.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3424	Bell-shaped pit	Extramural fill	Bell-shaped pit	1733.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3427	Bell-shaped pit	Extramural fill	Bell-shaped pit	1702.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3427	Bell-shaped pit	Extramural fill	Bell-shaped pit	1702.02	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3428	Bell-shaped pit	Extramural fill	Bell-shaped pit	1722.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3428	Bell-shaped pit	Extramural fill	Bell-shaped pit	1725.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1406.03	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1406.04	Metate	-	1	Broken	-	-	-	-
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1406.02	Netherstone	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1264.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1408.01	Raw material	Ornament	1	Whole	No	-	-	-
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1278.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3155	Pit structure	Pithouse fill	Extramural	1406.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3407	Pit structure	Pithouse fill	Extramural	1677.01	Unidentified	-	3	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3248	Extramural pit	Extramural fill	Extramural pit	1180.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	E	3248	Extramural pit	Extramural fill	Extramural pit	1181.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3261	Extramural pit	Extramural fill	Extramural pit	1485.01	Unidentified	-	1	Whole	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3298	Extramural pit	Extramural fill	Extramural pit	1459.02	Mano	-	1	Broken	Fire-cracked	-	Reused	Concomitant
504	Late San Pedro	E	3298	Extramural pit	Extramural fill	Extramural pit	1459.01	Metate	-	1	Broken	Fire-cracked	-	Reused	Concomitant
504	Late San Pedro	E	3298	Extramural pit	Extramural fill	Extramural pit	1460.01	Metate	-	1	Broken	Fire-cracked	-	Reused	Concomitant

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
13660	3099.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	12.4	8.9	4.0	796.50	Felsic-vesicular	Santa Cruz River	-	-
13805	4054.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	10.00	Hematite-rock	Tucson Basin	Pigment	10R 3/6
13820	2558.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.8	1.4	0.8	2.00	Hematite-rock	Tucson Basin	Pigment	10R 4/4
13852	4083.01	Fire-cracked rock	Heavy	Food processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
13880	2547.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
13902	4077.01	Fire-cracked rock	Light	General processing	Pigment processing	Roasting	-	-	-	-	-	-	Pigment	10R 5/6
14000	3674.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
14000	3673.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
14225	3663.01	Fire-cracked rock	Moderate	General processing	Multiple	Roasting	-	-	-	-	-	-	-	-
3149	1643.01	Fire-cracked rock	Moderate	Percussion	Multiple	Roasting	6.9	5.9	5.4	253.50	Sandstone	Santa Cruz River	-	-
3171	1493.01	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	-	-	-	-	-
3171	1493.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3236	1251.01	-	Unused	Procurement	Stoneworking	Stoneworking	1.6	1.1	0.1	-	Muscovite	Tucson Basin	-	-
3236	1248.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3240	1204.02	Fire-cracked rock	-	Percussion	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3240	1204.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
3243	1383.01	-	Unused	Procurement	Stoneworking	Stoneworking	1.9	1.1	0.1	-	Muscovite	Unknown	-	-
3251	1519.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.2	2.2	1.7	12.50	Hematite-rock	Tucson Basin	Pigment	10R 3/6
3260	1549.01	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	-	-	-	-
3260	1549.02	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	-	-	-	-
3264	1442.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3333	1483.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	83.00	Hematite-rock	Tucson Basin	Pigment	10R 5/8
3335	1450.01	-	-	-	Pigment processing	Pigment processing	-	-	-	-	Andesite	Santa Cruz River	Pigment	10YR 6/8
3335	1451.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3412	1567.01	-	Unused	Paraphernalia	Unused	Paraphernalia	2.8	2.1	1.4	11.50	Quartz Crystal	-	-	-
3412	1528.01	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	6.00	Granite	Tucson Basin	-	-
3413	1571.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthy	Tucson Basin	Pigment	10R 3/6
3416	1585.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Metamorphic	Cañada del Oro, Rillito,Tanque Verde washes	-	-
3416	1588.01	-	Unused	Procurement	Pigment processing	Pigment processing	10.3	1.9	1.3	5.50	-	-	Pigment	10R 3/6
3416	1564.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
3424	1736.01	Fire-cracked rock	-	-	Multiple	Pigment processing	-	-	-	-	Felsic-vesicular	Tucson Mountains	Pigment	10R 5/8
3424	1733.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.8	1.9	1.5	8.50	Iron oxide	Tucson Basin	Pigment	10R 4/3
3427	1702.01	-	Unused	Procurement	Pigment processing	Pigment processing	6.4	5.9	1.4	104.50	Magnetite	Tucson Mountains	-	-
3427	1702.02	-	Unused	Procurement	Pigment processing	Pigment processing	2.8	2.5	1.4	15.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3428	1722.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3428	1725.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3155	1406.03	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	-	-	-	-	-
3155	1406.04	-	-	Food processing	Food processing	Food processing	-	-	-	-	Basalt/andesite-vesicular	Tucson Mountains	-	-
3155	1406.02	Fire-cracked rock	-	-	Multiple	Pigment processing	-	-	-	-	-	-	Pigment	-
3155	1264.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.1	1.7	1.1	4.50	Hematite-rock	Tucson Basin	Pigment	10R 3/6
3155	1408.01	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	-	Muscovite	Tucson Basin	-	-
3155	1278.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3155	1406.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	Pigment	10R 4/6
3407	1677.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Unknown	-	-	-
3248	1180.01	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	9.7	8.4	5.0	638.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	Pigment	10R 4/8
3248	1181.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Basalt/andesite-vesicular	Santa Cruz River	-	-
3261	1485.01	Netherstone	-	-	-	Roasting	-	-	-	-	Volcanic	Santa Cruz River	-	-
3298	1459.02	Handstone	Moderate	Food processing	General processing	Pigment processing	-	-	-	-	-	-	Pigment	10R 4/6
3298	1459.01	Metate	-	Food processing	Pigment processing	Pigment processing	-	-	-	-	Felsic-vesicular	Santa Cruz River	Pigment	10R 4/6
3298	1460.01	Netherstone	-	Food processing	Pigment processing	Pigment processing	-	-	-	-	Felsic-vesicular	Tucson Mountains	Pigment	10R 4/8



Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
504	Late San Pedro	E	3334	Extramural pit	Extramural fill	Extramural pit	1501.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3349	Extramural pit	Extramural fill	Extramural pit	1430.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3350	Extramural pit	Extramural fill	Extramural pit	1419.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3421	Extramural surface	Extramural fill	Extramural surface	1506.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3421	Extramural surface	Extramural fill	Extramural surface	1508.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3421	Extramural surface	Extramural fill	Extramural surface	1510.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3229.08	Interior feature	Bell-shaped pit	Structure occupation	1290.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3229.09	Interior feature	Bell-shaped pit	Structure occupation	1324.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3340.01	Interior feature	Bell-shaped pit	Structure occupation	1774.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3340.01	Interior feature	Bell-shaped pit	Structure occupation	1793.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3340.01	Interior feature	Bell-shaped pit	Structure occupation	1773.01	Unidentified	-	3	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3340.03	Interior feature	Bell-shaped pit	Structure occupation	1825.01	Lapstone	Flat	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	E	3340.03	Interior feature	Bell-shaped pit	Structure occupation	1826.01	Mano	-	1	Broken	Fire-cracked	Strategic	-	-
504	Late San Pedro	E	3340.03	Interior feature	Bell-shaped pit	Structure occupation	1826.02	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3431.02	Interior feature	Bell-shaped pit	Structure occupation	1834.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	E	3431.02	Interior feature	Bell-shaped pit	Structure occupation	1835.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	E	3431.02	Interior feature	Bell-shaped pit	Structure occupation	1836.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3431.03	Interior feature	Bell-shaped pit	Structure occupation	1845.01	Handstone	Flat/concave	1	Whole	Yes	Expedient	Single	-
504	Late San Pedro	E	3431.03	Interior feature	Bell-shaped pit	Structure occupation	1846.01	Metate	-	1	Broken	Yes	-	-	-
504	Late San Pedro	E	3431.03	Interior feature	Bell-shaped pit	Structure occupation	1846.02	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Floor	Structure occupation	1142.01	Mano	-	1	Broken	Yes	-	-	-
504	Late San Pedro	E	3229	Pit structure	Floor	Structure occupation	1400.01	Metate	-	1	Broken	Fire-cracked	-	-	-
504	Late San Pedro	E	3229	Pit structure	Floor	Structure occupation	1145.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3229	Pit structure	Floor	Structure occupation	1313.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1801.01	Hammerstone	Natural	1	Whole	Yes	Expedient	Single	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1806.01	Hammerstone	Core	1	Broken	Yes	Expedient	Multiple	Sequential
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1808.01	Hammerstone	Natural	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1809.01	Hammerstone	-	1	Broken	No	-	-	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1812.01	Lapstone	Flat	1	Whole	Yes	Expedient	Single	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1804.01	Mano	Flat/concave	1	Whole	Yes	Strategic	Single	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1807.01	Mano	Flat/concave	1	Broken	No	Strategic	Reused	Concomitant
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1810.01	Metate	-	1	Broken	Fire-cracked	-	Multiple	Concomitant
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1795.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1811.01	Netherstone	-	1	Broken	Fire-cracked	-	-	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1797.01	Raw material	Tool	1	Whole	Fire-cracked	-	-	-
504	Late San Pedro	E	3431	Pit structure	Floor	Structure occupation	1796.01	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Floor fill	Structure occupation	1185.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3229	Pit structure	Floor fill	Structure occupation	1197.01	Unidentified	-	14	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Floor fill	Structure occupation	1371.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Floor fill	Structure occupation	1371.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3407	Pit structure	Floor fill	Structure occupation	1709.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3407	Pit structure	Floor fill	Structure occupation	1710.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3431	Pit structure	Floor fill	Structure occupation	1769.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3431	Pit structure	Floor fill	Structure occupation	1767.01	Unidentified	-	3	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3431.01	Interior feature	Hearth	Structure occupation	1843.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
504	Late San Pedro	E	3155.05	Interior feature	Posthole	Structure occupation	1553.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3155.07	Interior feature	Posthole	Structure occupation	1556.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3155.1	Interior feature	Posthole	Structure occupation	1759.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3229.06	Interior feature	Posthole	Structure occupation	1240.01	Hammerstone	Pulping stone	1	Whole	Yes	Expedient	Single	-
504	Late San Pedro	E	3229.15	Interior feature	Posthole	Structure occupation	1389.01	Raw material	Pigment	1	Sample	Yes	-	-	-

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
3334	1501.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.2	1.7	1.1	8.00	Hematite-rock	Tucson Basin	Pigment	10R 4/4
3349	1430.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.7	2.1	1.7	2.00	Limonite-rock	Tucson Basin	Pigment	10YR 6/8
3350	1419.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	9.50	Hematite-rock	Tucson Basin	Pigment	10R 4/4
3421	1506.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	45.50	Hematite-rock	Tucson Basin	Pigment	10R 5/6
3421	1508.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	30.50	Hematite-rock	Tucson Basin	Pigment	10R 4/4
3421	1510.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.7	1.9	1.2	6.50	Hematite-rock	Tucson Basin	Pigment	10R 4/8
3229.08	1290.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	18.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3229.09	1324.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.5	1.2	0.5	-	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3340.01	1774.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	18.50	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3340.01	1793.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	8.50	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3340.01	1773.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3340.03	1825.01	Lithic anvil	Light	Smoothing	Multiple	Pigment processing	9.8	7.7	1.8	193.50	Sandstone	Santa Cruz River	Pigment	10R 4/8
3340.03	1826.01	-	-	Food processing	-	Food processing	-	-	-	-	-	-	-	-
3340.03	1826.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3431.02	1834.01	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	16.6	8.9	4.2	900.00	Dacite	Santa Cruz River	Pigment	10R 4/6
3431.02	1835.01	Pestle	Moderate	Food processing	Multiple	Food processing	11.8	7.5	6.1	945.50	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
3431.02	1836.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3431.03	1845.01	-	Moderate	General processing	Pigment processing	Pigment processing	5.7	5.7	3.1	150.00	Sandstone	Santa Cruz River	Pigment	10R 4/6
3431.03	1846.01	-	-	Food processing	-	Food processing	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3431.03	1846.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
3229	1142.01	-	Moderate	Food processing	-	Food processing	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3229	1400.01	-	-	Food processing	Pigment processing	Pigment processing	-	-	-	-	Felsic-vesicular	Santa Cruz River	Pigment	10R 4/6
3229	1145.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	12.50	Iron oxide	Tucson Basin	Pigment	10R 4/4
3229	1313.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	426.00	Hematite-rock	Tucson Basin	Pigment	10R 5/8
3431	1801.01	-	Moderate	Percussion	Manufacture	Manufacture	9.1	6.9	4.5	364.00	Dacite	Tucson Mountains	-	-
3431	1806.01	Abrader	Moderate	Percussion	Pigment processing	Pigment processing	7.2	5.8	4.2	217.00	Rhyolite	Tucson Mountains	Pigment	10R 4/8
3431	1808.01	Abrader	Moderate	Percussion	Pigment processing	Pigment processing	9.6	8.9	8.4	793.00	Dacite	Tucson Mountains	Pigment	10R 4/8
3431	1809.01	-	-	Percussion	-	Manufacture	7.0	6.5	3.9	251.00	Dacite	Tucson Mountains	-	-
3431	1812.01	-	Moderate	Smoothing	Manufacture	Manufacture	11.7	9.1	-	233.00	Quartzite	Santa Cruz River	-	-
3431	1804.01	-	Moderate	Food processing	Food processing	Food processing	12.0	9.0	4.4	658.00	Basalt/andesite-vesicular	Santa Cruz River	-	-
3431	1807.01	Handstone	Moderate	Food processing	Multiple	Food processing	-	-	-	-	Gneiss	Cañada del Oro, Rillito,Tanque Verde washes	Clay	Gray
3431	1810.01	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	-	-	-	-	Basalt/andesite-vesicular	Santa Cruz River	Pigment	10R 4/8
3431	1795.01	Fire-cracked rock	Moderate	Processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3431	1811.01	-	Moderate	-	-	Pigment processing	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3431	1797.01	-	Unused	Procurement	Multiple	Roasting	-	-	-	-	Mudstone	Santa Cruz River	-	-
3431	1796.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Basalt	Tucson Mountains	-	-
3229	1185.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	44.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3229	1197.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3229	1371.01	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3229	1371.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Dacite	Santa Cruz River	-	-
3407	1709.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	17.50	Hematite/limonite	Tucson Basin	Pigment	10YR 6/8
3407	1710.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Granite	Tortolita, Catalina mountains	-	-
3431	1769.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.5	2.4	1.6	14.00	Iron oxide	Tucson Basin	Pigment	10R 4/6
3431	1767.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3431.01	1843.01	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	16.6	8.6	3.5	900.00	-	-	Pigment	10R 4/8
3155.05	1553.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3155.07	1556.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
3155.1	1759.01	-	Unused	Procurement	Pigment processing	Pigment processing	4.6	2.7	2.1	29.00	Limonite-rock	Tucson Basin	Pigment	10YR 6/8
3229.06	1240.01	-	Moderate	Percussion	General processing	Processing	8.1	6.5	5.0	364.50	Andesite	Santa Cruz River	-	-
3229.15	1389.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	14.50	Hematite-earthy	Tucson Basin	Pigment	10R 4/4



Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
504	Late San Pedro	E	3229	Pit structure	Roof/wall fall	Structure occupation	1229.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Roof/wall fall	Structure occupation	1229.02	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Roof/wall fall	Structure occupation	1158.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3229	Pit structure	Roof/wall fall	Structure occupation	1233.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	E	3229	Pit structure	Roof/wall fall	Structure occupation	1229.03	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	-
504	Late San Pedro	E	3229	Pit structure	Roof/wall fall	Structure occupation	1229.04	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	-
504	Late San Pedro	E	3229.02	Interior feature	Small pit	Structure occupation	1224.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3229.02	Interior feature	Small pit	Structure occupation	1223.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	-
504	Late San Pedro	E	3229.02	Interior feature	Small pit	Structure occupation	1223.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3229.11	Interior feature	Small pit	Structure occupation	1366.01	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3229.11	Interior feature	Small pit	Structure occupation	1366.02	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3229	Pit structure	Unknown	Structure occupation	1175.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	E	3247	Roasting pit	Extramural fill	Roasting pit	1212.03	Hammerstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3247	Roasting pit	Extramural fill	Roasting pit	1212.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3247	Roasting pit	Extramural fill	Roasting pit	1212.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3247	Roasting pit	Extramural fill	Roasting pit	1212.04	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3247	Roasting pit	Extramural fill	Roasting pit	1212.05	Unidentified	-	1	Broken	Yes	-	Recycled	Sequential
504	Late San Pedro	E	3297	Roasting pit	Extramural fill	Roasting pit	1345.01	Mano	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3297	Roasting pit	Extramural fill	Roasting pit	1345.03	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3297	Roasting pit	Extramural fill	Roasting pit	1345.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3414	Roasting pit	Extramural fill	Roasting pit	1612.01	Mano	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	E	3414	Roasting pit	Extramural fill	Roasting pit	1613.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	F	3106	Possible pithouse	Pithouse fill	Extramural pit	1050.01	Unidentified	-	1	Broken	No	-	-	-
504	Late San Pedro	F	3167	Possible pithouse	Pithouse fill	Extramural pit	1046.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
504	Late San Pedro	F	23757	Extramural pit	Extramural fill	Extramural pit	7565.01	Chopper	Pulping stone	1	Whole	Yes	Expedient	Multiple	Concomitant
504	Late San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	6435.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
504	Late San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7583.01	Pestle	Cobble	1	Whole	Yes	Strategic	Single	-
504	Late San Pedro	F	23670	Pit structure	Floor	Structure occupation	7239.01	Whorl	Flat Disk	1	Whole	No	Strategic	Single	-
504	Late San Pedro	F	23670	Pit structure	Floor fill	Structure occupation	7102.01	Raw material	Pigment	1	Sample	No	-	-	-
504	Late San Pedro	F	23670.1	Interior feature	Posthole	Structure occupation	7261.01	Hammerstone	Pulping stone	1	Whole	No	Expedient	Single	-
504	Late San Pedro	F	23670.1	Interior feature	Small pit	Structure occupation	7257.01	Raw material	Pigment	1	Sample	Yes	-	-	-
504	Late San Pedro	G	3014	Extramural pit	Extramural fill	Extramural pit	1008.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	B	8084	Bell-shaped pit	Extramural fill	Bell-shaped pit	4722.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	B	8084	Bell-shaped pit	Extramural fill	Bell-shaped pit	4723.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	B	8343	Bell-shaped pit	Extramural fill	Bell-shaped pit	4992.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	B	8438	Bell-shaped pit	Extramural fill	Bell-shaped pit	11530	Mineral	Natural	1	Whole	No	-	Unused	-
505	Late San Pedro	B	7774	Extramural pit	Extramural fill	Extramural pit	8652.01	Mano	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
505	Late San Pedro	B	7774	Extramural pit	Extramural fill	Extramural pit	8653.01	Mano	Flat/concave	1	Whole	No	Strategic	Reused	Concomitant
505	Late San Pedro	B	8387	Extramural pit	Extramural fill	Extramural pit	4940.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
505	Late San Pedro	B	8530	Extramural pit	Extramural fill	Extramural pit	8892.01	Mano	Flat/concave	1	Whole	No	Strategic	Reused	Concomitant
505	Late San Pedro	B	8646	Extramural pit	Extramural fill	Extramural pit	10419	Raw material	Ornament	1	Whole	No	-	-	-
505	Late San Pedro	B	9408	Extramural pit	Extramural fill	Extramural pit	14223	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	B	9408	Extramural pit	Extramural fill	Extramural pit	14330	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	B	7977.03	Bell-shaped pit	Extramural fill	Bell-shaped pit	4663.01	Mano	Flat/concave	1	Whole	No	Expedient	Multiple	-
505	Late San Pedro	B	7977	Extramural surface	Extramural fill	Extramural surface	4653.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	B	8731	Extramural surface	Surface	Extramural surface	12451	Mano	Flat/concave	1	Whole	No	Expedient	Reused	Sequential
505	Late San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	4843.01	Chopper	-	1	Whole	Yes	Expedient	Single	Sequential
505	Late San Pedro	B	8076.06	Interior feature	Bell-shaped pit	Structure occupation	10130	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
505	Late San Pedro	B	8470	Possible pithouse	Floor fill	Structure occupation	12652	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
505	Late San Pedro	D	13619	Nonfeature	Nonfeature	Extramural	2992.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
3229	1229.01	Fire-cracked rock	-	Processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3229	1229.02	Fire-cracked rock	-	Processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3229	1158.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.2	1.6	1.2	5.50	Hematite-earthly	Tucson Basin	Pigment	10R 3/6
3229	1233.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	81.50	Hematite-rock	Tucson Basin	Pigment	10R 4/4
3229	1229.03	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3229	1229.04	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Granite	Tortolita, Catalina mountains	-	-
3229.02	1224.01	-	Unused	Procurement	Pigment processing	Pigment processing	4.2	3.6	1.1	21.00	Hematite-rock	Tucson Basin	Pigment	10R 3/6
3229.02	1223.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Quartzite	Santa Cruz River	-	-
3229.02	1223.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Andesite	Santa Cruz River	-	-
3229.11	1366.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3229.11	1366.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3229	1175.01	-	Unused	Procurement	Pigment processing	Pigment processing	15.8	12.0	10.6	2,143.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3247	1212.03	Fire-cracked rock	-	Percussion	Multiple	Roasting	-	-	-	-	Andesite	Santa Cruz River	-	-
3247	1212.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
3247	1212.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
3247	1212.04	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
3247	1212.05	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Volcanic	Santa Cruz River	-	-
3297	1345.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Granite	Tortolita, Catalina mountains	-	-
3297	1345.03	Fire-cracked rock	-	Processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3297	1345.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
3414	1612.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Schist	Cañada del Oro, Rillito,Tanque Verde washes	-	-
3414	1613.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.7	1.8	1.3	9.50	Hematite-rock	Tucson Basin	Pigment	10R 4/4
3106	1050.01	-	-	-	-	-	-	-	-	-	-	-	-	-
3167	1046.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
23757	7565.01	Polisher	Light	Percussion	Multiple	Processing	11.9	5.4	3.5	282.50	Volcanic	Santa Cruz River	-	-
23000	6435.01	-	Moderate	Food processing	Food processing	Food processing	11.8	9.9	3.7	697.50	Metamorphic	Cañada del Oro, Rillito,Tanque Verde washes	-	-
23000	7583.01	-	Moderate	Percussion	General processing	Processing	7.6	4.0	3.9	162.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
23670	7239.01	-	Moderate	Paraphernalia	Manufacture	Manufacture	2.9	2.7	0.4	5.00	Phyllite	Tucson Basin	-	-
23670	7102.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Calcite	Tucson Basin	Pigment	10R 3/6
23670.1	7261.01	-	Moderate	Percussion	General processing	Processing	9.1	5.7	5.5	510.00	Quartzite	Santa Cruz River	-	-
23670.1	7257.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/4
3014	1008.01	Fire-cracked rock	Moderate	General processing	Multiple	Roasting	-	-	-	-	-	-	-	-
8084	4722.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 3/6
8084	4723.01	-	Unused	Procurement	Pigment processing	Pigment processing	7.6	5.2	1.9	105.00	Limonite-earthly	Tucson Basin	Pigment	10YR 6/8
8343	4992.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.3	0.7	0.6	-	Hematite-rock	Tucson Basin	Pigment	10R 3/6
8438	11530	-	Unused	Paraphernalia	Unused	Paraphernalia	1.0	0.7	0.1	-	orthoclase	Unknown	-	-
7774	8652.01	Pestle	Moderate	Food processing	Food processing	Food processing	8.9	8.8	6.3	689.50	Quartzite	Unknown	-	-
7774	8653.01	Basin Mano	Moderate	Food processing	Food processing	Food processing	10.5	8.9	6.2	850.00	Quartzite	Unknown	-	-
8387	4940.01	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	12.4	11.2	6.3	1332.50	-	-	Pigment	10R 4/6
8530	8892.01	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	14.0	11.6	5.2	1227.50	Felsic-vesicular	Tucson Mountains	Pigment	10R 4/6
8646	10419	-	Unused	Procurement	Stoneworking	Stoneworking	1.0	1.1	0.1	-	Muscovite	Unknown	-	-
9408	14223	-	Unused	Procurement	Pigment processing	Pigment processing	11.9	5.9	2.8	366.00	Hematite-earthly	Tucson Basin	Pigment	10R 5/3
9408	14330	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	49.50	Hematite-earthly	Tucson Basin	Pigment	10R 5/3
7977.03	4663.01	Pestle	Light	Food processing	Multiple	Food processing	10.9	7.9	5.1	700.50	Granite	Tortolita, Catalina mountains	-	-
7977	4653.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.2	0.7	0.5	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
8731	12451	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	10.6	10.1	5.7	877.00	Gneiss	Santa Catalina Mountains	Pigment	10R 3/4
7000	4843.01	-	Light	Percussion	Manufacture	Manufacture	-	-	-	-	Andesite	Santa Cruz River	-	-
8076.06	10130	-	Moderate	Food processing	Food processing	Food processing	13.5	12.1	6.9	1,458.00	Felsic-vesicular	Tucson Mountains	-	-
8470	12652	-	Moderate	Food processing	Food processing	Food processing	9.5	8.5	4.2	541.00	Sandstone	Santa Cruz River	-	-
13619	2992.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
505	Late San Pedro	D	13619	Nonfeature	Nonfeature	Extramural	3035.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	D	13619	Nonfeature	Nonfeature	Extramural	3041.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	D	13619	Nonfeature	Nonfeature	Extramural	3048.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	D	13000	Nonfeature	Nonfeature	Extramural	4849.01	Mortar	Rock	1	Whole	No	Expedient	Multiple	Concomitant
505	Late San Pedro	F	23792	Bell-shaped pit	Extramural fill	Bell-shaped pit	8134.01	Ornament	Disk	1	Whole	No	Expedient	-	-
505	Late San Pedro	F	23830	Bell-shaped pit	Extramural fill	Bell-shaped pit	10634	Pipe	Barrel	1	Whole	No	Incomplete	Unused	-
505	Late San Pedro	F	23559	Extramural pit	Extramural fill	Extramural pit	6571.01	Whorl	Flat Disk	1	Whole	No	Strategic	Single	-
505	Late San Pedro	F	23595	Extramural pit	Extramural fill	Extramural pit	6469.01	Pestle	Cobble	1	Whole	No	Strategic	Single	-
505	Late San Pedro	F	23649	Extramural pit	Extramural fill	Extramural pit	6675.01	Netherstone	-	1	Broken	Yes	-	Recycled	Sequential
505	Late San Pedro	F	23663	Extramural pit	Extramural fill	Extramural pit	6678.01	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	F	23774	Extramural pit	Extramural fill	Extramural pit	7762.01	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Sequential
505	Late San Pedro	F	23775	Extramural pit	Extramural fill	Extramural pit	8013.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	6596.01	Mano	Flat/concave	1	Whole	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7035.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
505	Late San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7207.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	F	23000	Nonfeature	Sheet trash	Sheet trash	8399.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	G	3325	Bell-shaped pit	Extramural fill	Bell-shaped pit	322.01	Lapstone	Flat	1	Whole	Fire-cracked	Expedient	Single	-
505	Late San Pedro	G	3526	Bell-shaped pit	Extramural fill	Bell-shaped pit	905.01	Spindle base	Natural	1	Whole	No	Expedient	Single	-
505	Late San Pedro	G	3396	Pit structure	Pithouse fill	Extramural	550.01	Pestle	Parabolic	1	Whole	No	Expedient	Multiple	Concomitant
505	Late San Pedro	G	3302	Extramural pit	Extramural fill	Extramural pit	418.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	G	3304	Extramural pit	Extramural fill	Extramural pit	342.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
505	Late San Pedro	G	3375	Extramural pit	Extramural fill	Extramural pit	394.01	Raw material	Pigment	1	Sample	No	-	-	-
505	Late San Pedro	G	3391	Extramural pit	Extramural fill	Extramural pit	446.01	Lapstone	Flat	1	Whole	No	Expedient	Multiple	Concomitant
505	Late San Pedro	G	3466	Extramural pit	Extramural fill	Extramural pit	724.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Concomitant
505	Late San Pedro	G	3485	Extramural pit	Extramural fill	Extramural pit	787.01	Raw material	Pigment	1	Sample	Yes	-	-	-
505	Late San Pedro	G	3396	Pit structure	Floor fill	Structure occupation	559.01	Fossil	Fossil	1	Whole	No	-	Unused	-
506	Early San Pedro	A	4250	Bell-shaped pit	Extramural fill	Bell-shaped pit	7048.01	Netherstone	Flat/concave	1	Broken	No	Strategic	Redesigned	Concomitant
506	Early San Pedro	A	4252	Bell-shaped pit	Extramural fill	Bell-shaped pit	7346.01	Abrader	Pebble-edge	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4267	Bell-shaped pit	Extramural fill	Bell-shaped pit	6939.01	Abrader	Pebble-edge	1	Whole	No	Strategic	Single	-
506	Early San Pedro	A	4267	Bell-shaped pit	Extramural fill	Bell-shaped pit	6937.01	Metate	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	A	4267	Bell-shaped pit	Extramural fill	Bell-shaped pit	6938.01	Metate	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4267	Bell-shaped pit	Extramural fill	Bell-shaped pit	6933.01	Pigment	Processed	1	Sample	No	Strategic	Unused	-
506	Early San Pedro	A	4280	Bell-shaped pit	Extramural fill	Bell-shaped pit	10003	Netherstone	Flat	1	Whole	Yes	Expedient	Single	-
506	Early San Pedro	A	4280	Bell-shaped pit	Extramural fill	Bell-shaped pit	6744.01	Pecking stone	-	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4280	Bell-shaped pit	Extramural fill	Bell-shaped pit	6748.01	Pigment	Processed	1	Sample	No	Strategic	Unused	-
506	Early San Pedro	A	4307	Bell-shaped pit	Extramural fill	Bell-shaped pit	7170.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	A	4307	Bell-shaped pit	Extramural fill	Bell-shaped pit	6926.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	A	4307	Bell-shaped pit	Extramural fill	Bell-shaped pit	7165.01	Unidentified	-	3	Broken	-	-	-	-
506	Early San Pedro	A	4308	Bell-shaped pit	Extramural fill	Bell-shaped pit	7180.01	Hammerstone	Pulping stone	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	A	4308	Bell-shaped pit	Extramural fill	Bell-shaped pit	7658.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	A	4308	Bell-shaped pit	Extramural fill	Bell-shaped pit	7658.02	Raw material	Pigment	1	Sample	Yes	-	-	-
506	Early San Pedro	A	4324	Bell-shaped pit	Extramural fill	Bell-shaped pit	7269.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	A	4324	Bell-shaped pit	Extramural fill	Bell-shaped pit	7194.01	Metate	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4324	Bell-shaped pit	Extramural fill	Bell-shaped pit	7272.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	A	4355	Bell-shaped pit	Extramural fill	Bell-shaped pit	7850.01	Pecking stone	Cobble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4356	Bell-shaped pit	Extramural fill	Bell-shaped pit	7632.01	Abrader	Pebble-edge	1	Whole	No	Expedient	Single	Sequential
506	Early San Pedro	A	4356	Bell-shaped pit	Extramural fill	Bell-shaped pit	7643.01	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4410	Bell-shaped pit	Extramural fill	Bell-shaped pit	7492.01	Tabular Tool	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	A	4410	Bell-shaped pit	Extramural fill	Bell-shaped pit	7485.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	A	4411	Bell-shaped pit	Extramural fill	Bell-shaped pit	7458.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential



Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
13619	3035.01	Fire-cracked rock	-	-	-	Roasting	-	-	-	- -	-	-	-	-
13619	3041.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	- -	-	-	-	-
13619	3048.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	- -	-	-	-	-
13000	4849.01	Netherstone	Heavy	Percussion	Food processing	Food processing	27.5	21.3	20.6	- -	-	-	-	-
23792	8134.01	-	-	Paraphernalia	Stoneworking	Stoneworking	1.0	0.05	0.1	-	Muscovite	Unknown	-	-
23830	10634	-	Unused	Paraphernalia	Manufacture	Stoneworking	4.4	3.5	3.5	42.00	Basalt/andesite-vesicular	Tucson Mountains	Pigment	10R 5/8
23559	6571.01	-	Light	Paraphernalia	Manufacture	Manufacture	4.2	4.1	0.7	18.50	Sandstone	Santa Cruz River	-	-
23595	6469.01	-	Moderate	Percussion	Food processing	Food processing	32.3	10.4	6.5	3,449.50	Andesite	Santa Cruz River	-	-
23649	6675.01	Fire-cracked rock	-	Processing	Multiple	Roasting	-	-	-	- -	-	-	-	-
23663	6678.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	- -	-	-	-	-
23774	7762.01	Handstone	Light	General processing	Pigment processing	Pigment processing	4.9	4.1	2.9	86.00	Quartzite	Santa Cruz River	Pigment	10R 4/6
23775	8013.01	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	- -	-	-	-	-
23000	6596.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	10.9	9.1	4.4	644.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
23000	7035.01	-	Moderate	Food processing	Food processing	Food processing	12.8	9.6	4.1	775.50	Felsic-vesicular	Santa Cruz River	-	-
23000	7207.01	-	Unused	Procurement	Pigment processing	Pigment processing	4.9	2.5	1.4	12.00	Limonite-earthy	Tucson Basin	Pigment	10YR 7/8
23000	8399.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.7	1.4	1.0	4.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
3325	322.01	-	Light	Polishing	Manufacture	Manufacture	9.5	6.5	3.1	1,314.50	Sandstone	Santa Cruz River	-	-
3526	905.01	-	Light	Paraphernalia	Manufacture	Manufacture	4.9	4.2	2.1	68.50	Andesite	Santa Cruz River	-	-
3396	550.01	Lapstone	Light	Percussion	Multiple	Food processing	32.2	8.5	5.2	2,110.50	Rhyolite	Tucson Mountains	-	-
3302	418.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	- -	-	-	-	-
3304	342.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	- -	-	-	-	-
3375	394.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.2	0.6	0.5	-	Hematite-earthy	Tucson Basin	Pigment	10R 3/6
3391	446.01	Pecking stone	Light	Smoothing	Multiple	Manufacture	17.4	3.9	2.3	264.50	Sandstone	Santa Cruz River	-	-
3466	724.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Granite	Santa Cruz River	-	-
3485	787.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	4.50	Hematite-earthy	Tucson Basin	Pigment	10R 4/6
3396	559.01	-	Unused	Paraphernalia	Unused	Paraphernalia	2.1	1.2	1.1	3.50	Silica	Tucson Basin	-	-
4250	7048.01	Chopper	Moderate	Processing	Multiple	Processing	-	-	1.7	-	Granodiorite	Tortolita Mountains	-	-
4252	7346.01	Chopper	Light	Abrading	Multiple	Manufacture	5.2	4.9	1.0	28.70	Quartzite	Santa Cruz River	-	-
4267	6939.01	-	Light	Abrading	Manufacture	Manufacture	3.2	2.7	0.6	7.40	Andesite	Tucson Mountains	-	-
4267	6937.01	-	Moderate	Food processing	Food processing	Food processing	37.5	30.1	9.5	- -	-	-	-	-
4267	6938.01	-	Moderate	Food processing	Food processing	Food processing	42.1	30.1	11.3	- -	-	-	-	-
4267	6933.01	-	Unused	Paraphernalia	Unused	Pigment processing	-	-	-	6.00	Hematite-earthy	Tucson Basin	Pigment	10R 3/6
4280	10003	-	Light	Smoothing	Manufacture	Manufacture	16.6	12.4	7.5	2,139.60	Latite	Tucson Mountains	-	-
4280	6744.01	-	Moderate	Percussion	Stoneworking	Stoneworking	6.6	6.8	5.1	269.50	-	-	-	-
4280	6748.01	-	Unused	Paraphernalia	Unused	Pigment processing	1.2	0.7	0.6	1.50	Hematite-earthy	Tucson Basin	Pigment	10R 4/6
4307	7170.01	-	Moderate	Food processing	Food processing	Food processing	10.4	8.8	5.6	890.30	Quartzite	Santa Cruz River	-	-
4307	6926.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	7.00	Hematite-earthy	Tucson Basin	Pigment	10R 3/6
4307	7165.01	-	-	-	-	Roasting	-	-	-	- -	-	-	-	-
4308	7180.01	Core	Moderate	Percussion	Pigment processing	Pigment processing	7.7	7.5	5.2	310.70	Andesite	Santa Cruz River	Pigment	10R 3/6
4308	7658.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.0	0.6	0.4	-	Limonite-earthy	Tucson Basin	Pigment	10YR 8/8
4308	7658.02	-	Unused	Procurement	Pigment processing	Pigment processing	1.2	0.7	0.6	-	Hematite-earthy	Tucson Basin	Pigment	10R 4/6
4324	7269.01	-	Moderate	Food processing	Food processing	Food processing	13	7.7	5.8	780.00	Quartzite	Unknown	-	-
4324	7194.01	-	Moderate	Food processing	Food processing	Food processing	44.5	29.4	11.5	-	Rhyolite-vesicular	Tucson Mountains	-	-
4324	7272.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	4.50	Hematite-earthy	Tucson Basin	Pigment	10R 5/6
4355	7850.01	-	Moderate	Percussion	Stoneworking	Stoneworking	6.2	5.5	6.2	296.50	Rhyolite	Tucson Mountains	-	-
4356	7632.01	-	Moderate	Abrading	Manufacture	Manufacture	4.9	4.0	0.8	25.90	Schist	Tortolita Mountains	-	-
4356	7643.01	-	Light	Food processing	Food processing	Food processing	10.1	8.2	6.0	795.60	Granodiorite	Tortolita Mountains	-	-
4410	7492.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	98.50	Phyllite	Extra basin	-	-
4410	7485.01	Fire-cracked rock	-	-	General processing	Roasting	-	-	-	- -	-	-	-	-
4411	7458.01	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	Latite	Tucson Mountains	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	A	4507	Bell-shaped pit	Extramural fill	Bell-shaped pit	7784.01	Mano	Blank	1	Whole	No	Strategic	Unused	Concomitant
506	Early San Pedro	A	4530	Bell-shaped pit	Extramural fill	Bell-shaped pit	4439.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	A	4533	Bell-shaped pit	Extramural fill	Bell-shaped pit	8515.01	Mano	Flat/concave	1	Whole	Yes	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4560	Bell-shaped pit	Extramural fill	Bell-shaped pit	4638.01	Pestle	Cobble	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	A	4560	Bell-shaped pit	Extramural fill	Bell-shaped pit	4639.01	Pigment	Processed	1	Sample	No	Strategic	Unused	-
506	Early San Pedro	A	4586	Bell-shaped pit	Extramural fill	Bell-shaped pit	8878.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	A	4597	Bell-shaped pit	Extramural fill	Bell-shaped pit	8857.01	Unidentified	-	1	Broken	Yes	-	-	-
506	Early San Pedro	A	4597	Bell-shaped pit	Extramural fill	Bell-shaped pit	8857.02	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	A	4282	Pit structure	Pithouse fill	Extramural	6858.01	Abrader	Pebble-edge	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	A	4282	Pit structure	Pithouse fill	Extramural	6851.01	Unidentified	-	1	Broken	Yes	-	-	-
506	Early San Pedro	A	4228	Extramural pit	Extramural fill	Extramural pit	7411.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	A	4245	Extramural pit	Extramural fill	Extramural pit	4181.01	Netherstone	Flat/concave	1	Broken	No	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4259	Extramural pit	Extramural fill	Extramural pit	4178.01	Mano	Flat/concave	1	Broken	Yes	Strategic	Recycled	-
506	Early San Pedro	A	4259	Extramural pit	Extramural fill	Extramural pit	4180.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4275	Extramural pit	Extramural fill	Extramural pit	6692.01	Shaped	-	1	Whole	No	Incomplete	Unused	-
506	Early San Pedro	A	4283	Extramural pit	Extramural fill	Extramural pit	6646.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	A	4303	Extramural pit	Extramural fill	Extramural pit	7382.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	A	4358	Extramural pit	Extramural fill	Extramural pit	7358.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4358	Extramural pit	Extramural fill	Extramural pit	7341.01	Netherstone	-	2	Broken	Fire-cracked	-	-	-
506	Early San Pedro	A	4386	Extramural pit	Extramural fill	Extramural pit	8497.01	Handstone	-	1	Broken	No	-	-	Sequential
506	Early San Pedro	A	4398	Extramural pit	Extramural fill	Extramural pit	7854.01	Unidentified	-	1	Sample	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	A	4465	Extramural pit	Extramural fill	Extramural pit	7514.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	A	4524	Extramural pit	Extramural fill	Extramural pit	8788.01	Handstone	Flat/concave	1	Broken	Fire-cracked	-	Multiple	Concomitant
506	Early San Pedro	A	4541	Extramural pit	Extramural fill	Extramural pit	8791.01	Unidentified	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	A	4576	Extramural pit	Extramural fill	Extramural pit	11069	Pestle	Cylindrical	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4642	Extramural pit	Extramural fill	Extramural pit	11257	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	A	4000	Nonfeature	Nonfeature	Extramural	4967.01	Lapstone	Flat	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4000	Nonfeature	Nonfeature	Extramural	7530.01	Mano	Flat/concave	1	Whole	Fire-cracked	Expedient	Recycled	Sequential
506	Early San Pedro	A	4000	Nonfeature	Nonfeature	Extramural	7975.01	Mano	Basin	1	Whole	No	Expedient	Single	-
506	Early San Pedro	A	4000	Nonfeature	Nonfeature	Extramural	4335.01	Netherstone	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	A	4434	Pit structure	Floor	Structure occupation	7617.01	Unidentified	-	3	Broken	No	Strategic	-	-
506	Early San Pedro	A	4434	Pit structure	Floor	Structure occupation	7617.02	Unidentified	-	1	Broken	Fire-cracked	-	Destroyed	-
506	Early San Pedro	A	4434	Pit structure	Floor fill	Structure occupation	7597.01	Pecking stone	Cobble	1	Whole	No	Expedient	Single	Concomitant
506	Early San Pedro	A	4434	Pit structure	Floor fill	Structure occupation	7599.01	Shaped	-	1	Whole	No	Strategic	Unused	-
506	Early San Pedro	A	4584	Pit structure	Floor fill	Structure occupation	4608.01	Tabular Tool	1 irregular edge	1	Whole	-	Expedient	Single	-
506	Early San Pedro	A	4512.04	Interior feature	Posthole	Structure occupation	8024.01	Metate	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	A	4282.04	Interior feature	Small pit	Structure occupation	6835.01	Abrader	Pebble-edge	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	A	4282.04	Interior feature	Small pit	Structure occupation	6833.01	Metate	-	1	Broken	No	-	-	-
506	Early San Pedro	A	4000	Nonfeature	Sheet trash	Sheet trash	7471.01	Raw material	Ornament	1	Whole	No	-	-	-
506	Early San Pedro	A	4000	Nonfeature	Sheet trash	Sheet trash	7754.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7383	Bell-shaped pit	Extramural fill	Bell-shaped pit	13790	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7383	Bell-shaped pit	Extramural fill	Bell-shaped pit	13791	Mano	Basin	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7383	Bell-shaped pit	Extramural fill	Bell-shaped pit	13792	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7383	Bell-shaped pit	Extramural fill	Bell-shaped pit	13793	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7383	Bell-shaped pit	Extramural fill	Bell-shaped pit	13794	Mano	Basin	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7391	Bell-shaped pit	Extramural fill	Bell-shaped pit	4695.01	Pecking stone	Cobble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7391	Bell-shaped pit	Extramural fill	Bell-shaped pit	4289.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7391	Bell-shaped pit	Extramural fill	Bell-shaped pit	4706.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7391	Bell-shaped pit	Extramural fill	Bell-shaped pit	4706.02	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7391	Bell-shaped pit	Extramural fill	Bell-shaped pit	4732.03	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential



Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
4507	7784.01	Pestle	Unused	Food processing	Multiple	Stoneworking	13.6	10.9	6.2	1,188.30	Rhyolite	Tucson Mountains	-	-
4530	4439.01	-	Unused	Procurement	Pigment processing	Pigment processing	1.7	1.0	0.9	-	Hematite-rock	Tucson Basin	Pigment	10R 4/6
4533	8515.01	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	9.1	6.6	3.0	291.30	Granite	Tortolita Mountains	Pigment	10R 5/8
4560	4638.01	Hammerstone	Moderate	Percussion	Multiple	Food processing	20.8	8.9	6.8	2,113.90	Rhyolite	Tucson Mountains	-	-
4560	4639.01	-	Unused	Paraphernalia	Unused	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
4586	8878.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/8
4597	8857.01	-	-	-	-	Roasting	-	-	-	-	Phyllite	Extra basin	-	-
4597	8857.02	-	-	-	-	-	-	-	-	-	-	-	-	-
4282	6858.01	Chopper	Light	Abrading	Manufacture	Manufacture	5.2	3.9	1.2	36.20	Schist	Tortolita, Santa Catalina, Rincon mountains	-	-
4282	6851.01	-	-	-	-	Roasting	-	-	-	-	-	-	-	-
4228	7411.01	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	-	-	-	-	-
4245	4181.01	Netherstone	Moderate	Processing	Pigment processing	Pigment processing	-	-	2.5	-	Mylonite	Santa Catalina Mountains	Pigment	10R 5/6
4259	4178.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	10.9	-	5.2	-	Schist	Tortolita Mountains	-	-
4259	4180.01	Lapstone	Moderate	Food processing	Multiple	Food processing	12.2	8.3	5.5	903.10	Mylonite	Santa Catalina Mountains	-	-
4275	6692.01	-	Unused	Paraphernalia	Unused	Stoneworking	5.2	3.6	0.9	24.90	Phyllite	Extra basin	-	-
4283	6646.01	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	-	Tuff	Tucson Mountains	-	-
4303	7382.01	-	Unused	Procurement	Pigment processing	Pigment processing	0.6	0.6	0.3	-	Hematite-rock	Tucson Basin	Pigment	10R 5/8
4358	7358.01	Pestle	Light	Food processing	Food processing	Food processing	13.1	8.9	7.3	1,421.80	Granite	Tortolita, Catalina mountains	-	-
4358	7341.01	-	-	-	-	Roasting	-	-	-	-	Basalt/andesite	Tucson Mountains	-	-
4386	8497.01	-	-	-	-	-	-	-	-	-	Andesite	Tucson Mountains	-	-
4398	7854.01	Fire-cracked rock	-	-	Pigment processing	Pigment processing	-	-	-	-	Latite	Tucson Mountains	Pigment	10R 4/8
4465	7514.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Latite	Tucson Mountains	-	-
4524	8788.01	Handstone	-	General processing	Pigment processing	Pigment processing	-	-	-	-	Granite	Tortolita Mountains	Pigment	10R 4/8
4541	8791.01	-	-	-	-	Roasting	-	-	-	-	-	-	-	-
4576	11069	Abrader	Moderate	Percussion	Pigment processing	Pigment processing	21.7	5.7	5.2	1,116.80	Schist	Tortolita Mountains	Pigment	10R 5/8
4642	11257	-	Moderate	Food processing	Food processing	Food processing	9.9	8.6	4.8	656.60	Quartzite	Unknown	-	-
4000	4967.01	-	Moderate	Smoothing	Woodworking	Woodworking	9.2	5.1	1.5	105.00	Rhyolite-vesicular	Santa Cruz River	-	-
4000	7530.01	Fire-cracked rock	Light	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
4000	7975.01	-	Moderate	Food processing	Food processing	Food processing	8.6	7.6	5.0	515.50	Granite	Santa Cruz River	-	-
4000	4335.01	Pick	Moderate	Polishing	Pigment processing	Pigment processing	27.8	6.1	3.5	1,047.50	Latite	Tucson Mountains	Pigment	10R 4/8
4434	7617.01	-	-	General processing	General processing	Processing	-	-	-	-	Schist	Tortolita Mountains	-	-
4434	7617.02	-	-	-	-	-	-	-	-	-	Basalt/andesite-vesicular	Tucson Mountains	-	-
4434	7597.01	-	Moderate	Percussion	Stoneworking	Stoneworking	7.3	7.4	5.3	360.60	Andesite	Santa Cruz River	-	-
4434	7599.01	-	Unused	Paraphernalia	Unused	Stoneworking	3.4	2.9	0.5	6.70	Quartzite	Santa Cruz River	-	-
4584	4608.01	-	Moderate	Cutting/Scraping	Cutting	Manufacture	13.9	10.8	2.2	497.60	Slate	Tortolita, Santa Catalina, Rincon mountains	-	-
4512.04	8024.01	-	-	Food processing	-	Food processing	-	-	-	-	Rhyolite-vesicular	Tucson Mountains	-	-
4282.04	6835.01	Polisher	Light	Abrading	Manufacture	Manufacture	8.2	2.6	1.9	63.10	Quartzite	Santa Cruz River	-	-
4282.04	6833.01	-	-	Food processing	-	Food processing	-	-	-	-	Basalt/andesite-vesicular	Tucson Mountains	-	-
4000	7471.01	-	Unused	Procurement	Stoneworking	Stoneworking	1.6	1.2	0.4	2.00	Muscovite	Tucson Basin	-	-
4000	7754.01	-	Unused	Procurement	Pigment processing	Pigment processing	4.5	3.6	3.6	50.00	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
7383	13790	-	Moderate	Food processing	Food processing	Food processing	9.6	7.4	6.4	781.00	Quartzite	Santa Cruz River	-	-
7383	13791	Lapstone	Moderate	Food processing	Multiple	Food processing	8.9	7.2	5.8	593.50	Granodiorite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7383	13792	Pestle	Moderate	Food processing	Food processing	Food processing	11.6	6.9	6.3	926.00	Granodiorite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7383	13793	-	Moderate	Food processing	Food processing	Food processing	13.7	9.5	8.9	1,745.50	Volcanic	Santa Cruz River	-	-
7383	13794	Abrader	Light	Food processing	Food processing	Food processing	8.9	8.5	5.6	586.50	Granite	Santa Cruz River	-	10R 3/6
7391	4695.01	-	Moderate	Percussion	Manufacture	Manufacture	7.1	7.2	4.9	358.90	Andesite	Santa Cruz River	-	-
7391	4289.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	0.50	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
7391	4706.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
7391	4706.02	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
7391	4732.03	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Volcanic	Tucson Mountains	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	7394	Bell-shaped pit	Extramural fill	Bell-shaped pit	11156	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7394	Bell-shaped pit	Extramural fill	Bell-shaped pit	11158	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7394	Bell-shaped pit	Extramural fill	Bell-shaped pit	11156	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7394	Bell-shaped pit	Extramural fill	Bell-shaped pit	11156	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7397	Bell-shaped pit	Extramural fill	Bell-shaped pit	11099	Pecking stone	-	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7397	Bell-shaped pit	Extramural fill	Bell-shaped pit	11095	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7403	Bell-shaped pit	Extramural fill	Bell-shaped pit	13089	Metate	Basin	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7412	Bell-shaped pit	Extramural fill	Bell-shaped pit	13415	Polisher	Pebble-edge	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7412	Bell-shaped pit	Extramural fill	Bell-shaped pit	13720	Polisher	Pebble-edge	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7412	Bell-shaped pit	Extramural fill	Bell-shaped pit	13370	Raw material	Pigment	1	Broken	No	-	-	-
506	Early San Pedro	B	7412	Bell-shaped pit	Extramural fill	Bell-shaped pit	13416	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7425	Bell-shaped pit	Extramural fill	Bell-shaped pit	10015	Mano	-	1	Broken	No	-	Single	-
506	Early San Pedro	B	7425	Bell-shaped pit	Extramural fill	Bell-shaped pit	10016	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7500	Bell-shaped pit	Extramural fill	Bell-shaped pit	4308.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7520	Bell-shaped pit	Extramural fill	Bell-shaped pit	8642.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7520	Bell-shaped pit	Extramural fill	Bell-shaped pit	8031.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7520	Bell-shaped pit	Extramural fill	Bell-shaped pit	8028.01	Unidentified	-	1	Broken	No	Expedient	-	-
506	Early San Pedro	B	7549	Bell-shaped pit	Extramural fill	Bell-shaped pit	4304.01	Handstone	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7565	Bell-shaped pit	Extramural fill	Bell-shaped pit	13145	Mano	Flat/concave	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	7568	Bell-shaped pit	Extramural fill	Bell-shaped pit	8578.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	Concomitant
506	Early San Pedro	B	7579	Bell-shaped pit	Extramural fill	Bell-shaped pit	8376.01	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7589	Bell-shaped pit	Extramural fill	Bell-shaped pit	8548.01	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7602	Bell-shaped pit	Extramural fill	Bell-shaped pit	7989.01	Hammerstone	Natural	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7602	Bell-shaped pit	Extramural fill	Bell-shaped pit	7990.01	Handstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7602	Bell-shaped pit	Extramural fill	Bell-shaped pit	7988.01	Pecking stone	-	1	Broken	No	Expedient	Single	-
506	Early San Pedro	B	7605	Bell-shaped pit	Extramural fill	Bell-shaped pit	10030	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7632	Bell-shaped pit	Extramural fill	Bell-shaped pit	13689	Metate	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7661	Bell-shaped pit	Extramural fill	Bell-shaped pit	4604.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7708	Bell-shaped pit	Extramural fill	Bell-shaped pit	4444.01	Ornament	Disk	1	Whole	No	Strategic	Unused	-
506	Early San Pedro	B	7714	Bell-shaped pit	Extramural fill	Bell-shaped pit	11538	Chisel	-	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7714	Bell-shaped pit	Extramural fill	Bell-shaped pit	11539	Mano	-	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	7725	Bell-shaped pit	Extramural fill	Bell-shaped pit	4359.01	Handstone	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7731	Bell-shaped pit	Extramural fill	Bell-shaped pit	8387.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7731	Bell-shaped pit	Extramural fill	Bell-shaped pit	8385.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7732	Bell-shaped pit	Extramural fill	Bell-shaped pit	4373.01	Awl	Blank	1	Broken	No	Strategic	Unused	-
506	Early San Pedro	B	7733	Bell-shaped pit	Extramural fill	Bell-shaped pit	4702.01	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7733	Bell-shaped pit	Extramural fill	Bell-shaped pit	4702.02	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7735	Bell-shaped pit	Extramural fill	Bell-shaped pit	8529.01	Handstone	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7735	Bell-shaped pit	Extramural fill	Bell-shaped pit	8536.01	Mano	Flat/concave	1	Whole	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	7735	Bell-shaped pit	Extramural fill	Bell-shaped pit	8527.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7735	Bell-shaped pit	Extramural fill	Bell-shaped pit	8525.01	Pigment	Processed	1	Sample	No	Strategic	Unused	-
506	Early San Pedro	B	7735	Bell-shaped pit	Extramural fill	Bell-shaped pit	8535.01	Raw material	Tool	1	Whole	No	-	-	-
506	Early San Pedro	B	7736	Bell-shaped pit	Extramural fill	Bell-shaped pit	4187.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7771	Bell-shaped pit	Extramural fill	Bell-shaped pit	10737	Pipe	Stemmed	1	Broken	from use	Strategic	Single	-
506	Early San Pedro	B	7778	Bell-shaped pit	Extramural fill	Bell-shaped pit	11287	Ornament	Blank	1	Whole	No	Incomplete	Unused	-
506	Early San Pedro	B	7779	Bell-shaped pit	Extramural fill	Bell-shaped pit	10274	Raw material	Pigment	1	Sample	Yes	-	-	-
506	Early San Pedro	B	7870	Bell-shaped pit	Extramural fill	Bell-shaped pit	11825	Pestle	Pebble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7908	Bell-shaped pit	Extramural fill	Bell-shaped pit	10382	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7929	Bell-shaped pit	Extramural fill	Bell-shaped pit	4923.01	Weaving Tool	Batten	1	Whole	No	Strategic	Redesigned	-
506	Early San Pedro	B	7929	Bell-shaped pit	Extramural fill	Bell-shaped pit	4924.01	Unidentified	-	4	Broken	Fire-cracked	-	Recycled	Sequential

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
7394	11156	-	Unused	Procurement	Pigment processing	Pigment processing	4.0	3.9	0.8	-	Rhyolite	Santa Cruz River	Pigment	10R 4/4
7394	11158	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	6.50	-	-	Pigment	10R 4/6
7394	11156	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
7394	11156	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
7397	11099	-	Light	Percussion	Stoneworking	Stoneworking	6.0	5.2	3.9	201.00	-	-	-	-
7397	11095	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	0.50	Hematite-earthly	Tucson Basin	Pigment	10R 3/6
7403	13089	-	Heavy	Food processing	Food processing	Food processing	22.3	13.9	8.9	-	Granodiorite	Tortolita, Catalina mountains	-	-
7412	13415	-	Moderate	Smoothing	Manufacture	Manufacture	4.6	3.9	1.6	16.00	Mudstone	Santa Cruz River	-	-
7412	13720	-	Light	Polishing	Woodworking	Woodworking	3.3	2.4	0.5	6.00	Quartzite	Santa Cruz River	-	-
7412	13370	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	15.00	Limonite-earthly	Tucson Basin	-	-
7412	13416	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	12.50	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
7425	10015	-	-	Food processing	-	Food processing	-	-	-	-	Sandstone	Santa Cruz River	-	-
7425	10016	-	Moderate	Food processing	Food processing	Food processing	7.5	5.9	4.7	292.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7500	4308.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/8
7520	8642.01	Hammerstone	Moderate	Food processing	Multiple	Food processing	11.1	7.2	4.1	484.50	Quartzite	Santa Cruz River	-	-
7520	8031.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	4.50	Limonite-earthly	Tucson Basin	Pigment	10YR 6/8
7520	8028.01	-	-	-	-	-	-	3.2	1.0	-	Mudstone	Santa Catalina Mountains	-	-
7549	4304.01	Fire-cracked rock	Moderate	General processing	Multiple	Roasting	6.6	5.9	-	-	Schist	Tortolita Mountains	-	-
7565	13145	-	Moderate	Food processing	Food processing	Food processing	11.5	9.6	5.0	909.50	Latite	Extra basin	-	-
7568	8578.01	-	Moderate	Food processing	Food processing	Food processing	13.7	9.2	4.9	1,062.50	Quartzite	Santa Cruz River	-	-
7579	8376.01	-	-	-	-	-	-	-	-	-	-	-	-	-
7589	8548.01	-	-	-	-	-	-	-	-	-	-	-	-	-
7602	7989.01	Abrader	Light	Percussion	Pigment processing	Pigment processing	7.3	5.5	5.7	259.50	-	-	Pigment	10R 4/6
7602	7990.01	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	Quartzite	Santa Cruz River	-	-
7602	7988.01	-	Heavy	Percussion	Stoneworking	Stoneworking	-	4.6	3.5	-	-	-	-	-
7605	10030	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	5.50	Hematite/limonite	Tucson Basin	Pigment	5YR 6/8
7632	13689	-	Moderate	Food processing	Food processing	Food processing	41.5	24.4	8.2	-	Rhyolite-vesicular	Tucson Mountains	-	-
7661	4604.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Latite	Tucson Mountains	-	-
7708	4444.01	-	Unused	Paraphernalia	Stoneworking	Stoneworking	-	-	-	-	Muscovite	Unknown	-	-
7714	11538	-	-	Percussion	Manufacture	Woodworking	10.9	1.2	1.2	27.50	Mudstone	Santa Catalina Mountains	-	-
7714	11539	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Dacite	Tucson Mountains	-	-
7725	4359.01	-	Light	General processing	General processing	Processing	10.2	7.7	3.9	-	Quartzite	Santa Cruz River	-	-
7731	8387.01	-	Unused	Procurement	Pigment processing	Pigment processing	0.9	0.9	0.5	-	Hematite/limonite	Tucson Basin	Pigment	10YR 6/8
7731	8385.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Dacite	Tucson Mountains	-	-
7732	4373.01	-	Unused	Cutting/Scraping	Unused	Stoneworking	-	1.3	0.9	6.00	Mudstone	Santa Catalina Mountains	-	-
7733	4702.01	-	-	-	-	-	-	-	-	-	-	-	-	-
7733	4702.02	-	-	-	-	-	-	-	-	-	-	-	-	-
7735	8529.01	-	Moderate	General processing	Manufacture	Processing	4.5	4.8	3.6	108.50	Granite	Santa Cruz River	-	-
7735	8536.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	9.3	8.2	5.3	588.50	Schist	Tortolita Mountains	-	-
7735	8527.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Dacite	Tucson Mountains	-	-
7735	8525.01	-	Unused	Paraphernalia	Unused	Pigment processing	-	-	-	4.00	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
7735	8535.01	-	Unused	Procurement	Stoneworking	Stoneworking	6.1	4.8	10.5	60.00	Quartzite	Santa Cruz River	-	-
7736	4187.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Latite	Extra Basin	-	-
7771	10737	-	Moderate	Paraphernalia	Ritual	Paraphernalia	-	2.1	2.2	-	Granite	Tucson Mountains	Carbon	10R 5/4
7778	11287	-	Unused	Paraphernalia	Stoneworking	Stoneworking	3.2	2.1	0.4	3.30	Phyllite	Extra basin	-	-
7779	10274	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	10.00	Hematite-rock	Tucson Basin	Pigment	10R 4/6
7870	11825	-	Moderate	Percussion	General processing	Processing	15.4	4.4	3.1	382.80	Rhyolite	Tortolita, Santa Catalina, Rincon mountains	-	-
7908	10382	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
7929	4923.01	Awl	Moderate	Paraphernalia	Manufacture	Stoneworking	7.5	1.4	0.4	6.90	Argillite	Extra basin	-	-
7929	4924.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-



Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	7930	Bell-shaped pit	Extramural fill	Bell-shaped pit	11328	Raw material	Pigment	1	Sample	Yes	-	-	-
506	Early San Pedro	B	7932	Bell-shaped pit	Extramural fill	Bell-shaped pit	11240	Metate	Basin	1	Whole	No	Strategic	Destroyed	-
506	Early San Pedro	B	7932	Bell-shaped pit	Extramural fill	Bell-shaped pit	11239	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7939	Bell-shaped pit	Extramural fill	Bell-shaped pit	11111	Hammerstone	Pulping stone	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7939	Bell-shaped pit	Extramural fill	Bell-shaped pit	11118	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7940	Bell-shaped pit	Extramural fill	Bell-shaped pit	11318	Hammerstone	Pulping stone	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7940	Bell-shaped pit	Extramural fill	Bell-shaped pit	11313	Mano	Flat/concave	1	Broken	No	Expedient	Multiple	-
506	Early San Pedro	B	7940	Bell-shaped pit	Extramural fill	Bell-shaped pit	11314	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	-
506	Early San Pedro	B	7940	Bell-shaped pit	Extramural fill	Bell-shaped pit	11315	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7948	Bell-shaped pit	Extramural fill	Bell-shaped pit	14138	Metate	3/4 Basin	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7948	Bell-shaped pit	Extramural fill	Bell-shaped pit	14137	Pecking stone	Cobble	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7952	Bell-shaped pit	Extramural fill	Bell-shaped pit	11077	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7955	Bell-shaped pit	Extramural fill	Bell-shaped pit	4976.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	7971	Bell-shaped pit	Extramural fill	Bell-shaped pit	4345.01	Unidentified	-	1	Broken	No	-	Recycled	-
506	Early San Pedro	B	8024	Bell-shaped pit	Extramural fill	Bell-shaped pit	4405.01	Pipe - clay	Bulbous	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	8024	Bell-shaped pit	Extramural fill	Bell-shaped pit	4403.01	Raw material	Tool	1	Whole	Yes	-	-	-
506	Early San Pedro	B	8024	Bell-shaped pit	Extramural fill	Bell-shaped pit	4402.01	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	8036	Bell-shaped pit	Extramural fill	Bell-shaped pit	10308	Mano	Basin	1	Whole	No	Strategic	Multiple	-
506	Early San Pedro	B	8148	Bell-shaped pit	Extramural fill	Bell-shaped pit	12637	Pecking stone	-	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8173	Bell-shaped pit	Extramural fill	Bell-shaped pit	14419	Abrader	Pebble-edge	1	Whole	No	-	Single	-
506	Early San Pedro	B	8173	Bell-shaped pit	Extramural fill	Bell-shaped pit	14417	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8173	Bell-shaped pit	Extramural fill	Bell-shaped pit	14418	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8173	Bell-shaped pit	Extramural fill	Bell-shaped pit	14416	Pestle	Cylindrical	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8180	Bell-shaped pit	Extramural fill	Bell-shaped pit	11381	Chopper	Pulping stone	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8180	Bell-shaped pit	Extramural fill	Bell-shaped pit	11383	Mano	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8185	Bell-shaped pit	Extramural fill	Bell-shaped pit	11581	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8253	Bell-shaped pit	Extramural fill	Bell-shaped pit	11504	Mano	Flat/concave	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	8274	Bell-shaped pit	Extramural fill	Bell-shaped pit	11633	Mano	Flat/concave	1	Broken	No	Strategic	Multiple	Sequential
506	Early San Pedro	B	8274	Bell-shaped pit	Extramural fill	Bell-shaped pit	11632	Pecking stone	Pulping stone	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8274	Bell-shaped pit	Extramural fill	Bell-shaped pit	11628	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8284	Bell-shaped pit	Extramural fill	Bell-shaped pit	11486	Unidentified	-	1	Broken	Yes	-	-	-
506	Early San Pedro	B	8371	Bell-shaped pit	Extramural fill	Bell-shaped pit	14712	Metate	Flat/concave	1	Broken	Yes	Strategic	Single	-
506	Early San Pedro	B	8441	Bell-shaped pit	Extramural fill	Bell-shaped pit	13069	Metate	Basin	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8475	Bell-shaped pit	Extramural fill	Bell-shaped pit	11532	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8481	Bell-shaped pit	Extramural fill	Bell-shaped pit	12001	Abrader	-	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8481	Bell-shaped pit	Extramural fill	Bell-shaped pit	12001	Painted rock	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	8481	Bell-shaped pit	Extramural fill	Bell-shaped pit	12005	Scraper	Other	1	Whole	No	-	-	-
506	Early San Pedro	B	8520	Bell-shaped pit	Extramural fill	Bell-shaped pit	14170	Chopper	Other	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8520	Bell-shaped pit	Extramural fill	Bell-shaped pit	14171	Handstone	Flat	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8520	Bell-shaped pit	Extramural fill	Bell-shaped pit	14171	Mano	Basin	1	Whole	Yes	Expedient	Single	-
506	Early San Pedro	B	8520	Bell-shaped pit	Extramural fill	Bell-shaped pit	10984	Netherstone	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8520	Bell-shaped pit	Extramural fill	Bell-shaped pit	10983	Raw material	Tool	1	Whole	No	-	-	-
506	Early San Pedro	B	8533	Bell-shaped pit	Extramural fill	Bell-shaped pit	13393	Pigment	Processed	1	Sample	No	Strategic	Unused	-
506	Early San Pedro	B	8545	Bell-shaped pit	Extramural fill	Bell-shaped pit	11718	Raw material	Ornament	1	Whole	No	-	-	-
506	Early San Pedro	B	8668	Bell-shaped pit	Extramural fill	Bell-shaped pit	12499	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8700	Bell-shaped pit	Extramural fill	Bell-shaped pit	11865	Hammerstone	Billet	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8700	Bell-shaped pit	Extramural fill	Bell-shaped pit	11872	Hammerstone	Natural	1	Whole	No	Expedient	Multiple	Sequential
506	Early San Pedro	B	8700	Bell-shaped pit	Extramural fill	Bell-shaped pit	11875	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8700	Bell-shaped pit	Extramural fill	Bell-shaped pit	11880	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8713	Bell-shaped pit	Extramural fill	Bell-shaped pit	10610	Raw material	Pigment	1	Sample	No	-	-	-

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
7930	11328	-	Unused	Procurement	Pigment processing	Pigment processing	2.6	1.5	1.0	5.00	Hematite-earthly	Tucson Basin	Pigment	10R 4/8
7932	11240	-	Heavy	Food processing	Food processing	Food processing	48.4	32.3	10.7	-	Rhyolite-vesicular	Tucson Mountains	-	-
7932	11239	-	-	-	-	-	-	-	-	-	Andesite	Santa Cruz River	-	-
7939	11111	-	Moderate	Percussion	General processing	Processing	6.7	5.8	6.0	324.80	Andesite	Santa Cruz River	-	-
7939	11118	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 6/4
7940	11318	-	Moderate	Percussion	Manufacture	Manufacture	6.9	6.8	6.5	444.80	Granodiorite	Tortolita Mountains	-	10R 4/6
7940	11313	Pestle	Heavy	Food processing	Multiple	Food processing	9.3	7.6	6.2	-	Rhyolite	Tucson Mountains	-	-
7940	11314	Handstone	Heavy	Food processing	Multiple	Food processing	10.9	8.7	7.0	1,146.00	Gneiss	Tortolita, Santa Catalina, Rincon mountains	-	-
7940	11315	-	Moderate	Food processing	Food processing	Food processing	9.3	7.7	4.5	608.50	Quartzite	Unknown	-	-
7948	14138	Abrader	Heavy	Food processing	Manufacture	Food processing	25.9	22.4	7.1	6,546.70	Rhyolite	Tucson Mountains	-	-
7948	14137	Abrader	Moderate	Percussion	Manufacture	Manufacture	6.2	5.6	5.0	287.50	Tuff	Tucson Mountains	-	-
7952	11077	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	9.9	8.5	5.6	745.50	Rhyolite	Tucson Mountains	Pigment	10R 4/6
7955	4976.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
7971	4345.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Quartzite	Santa Cruz River	-	-
8024	4405.01	-	Light	Paraphernalia	Ritual	Paraphernalia	8.3	2.5	2.6	25.00	Clay	Tucson Basin	Carbon	-
8024	4403.01	-	Unused	Procurement	Stoneworking	Stoneworking	7.2	6.6	4.0	278.00	Schist	Santa Catalina, Rincon mountains	-	-
8024	4402.01	-	-	-	-	-	-	-	-	-	Volcanic	Tucson Mountains	-	-
8036	10308	Mano	Moderate	Food processing	Food processing	Food processing	11.4	9.6	7.5	1,167.00	Rhyolite	Santa Cruz River	-	-
8148	12637	-	Heavy	Percussion	Stoneworking	Stoneworking	7.3	5.2	4.9	225.00	-	-	-	-
8173	14419	-	-	Abrading	Manufacture	Manufacture	-	-	-	-	Quartzite	Santa Cruz River	-	-
8173	14417	-	Light	Food processing	Food processing	Food processing	10.4	9.5	4.9	756.10	Quartzite	Tortolita, Santa Catalina, Rincon mountains	-	-
8173	14418	-	Moderate	Food processing	Food processing	Food processing	11.7	8.4	5.4	783.30	Quartzite	Tortolita, Santa Catalina, Rincon mountains	-	-
8173	14416	-	Moderate	Percussion	Food processing	Food processing	22.3	7.3	7.5	1,846.20	-	-	-	-
8180	11381	-	Moderate	Percussion	General processing	Processing	6.8	6.6	6.5	444.80	-	-	Pigment	10R 3/6
8180	11383	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	8.7	6.4	-	Volcanic	Tucson Mountains	-	-
8185	11581	-	Unused	Procurement	Pigment processing	Pigment processing	1.9	1.6	1.2	4.00	-	-	Pigment	10R 4/6
8253	11504	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	7.5	5.4	-	-	-	-	-
8274	11633	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	-	8.3	4.6	-	Quartzite	Unknown	Pigment	Multiple
8274	11632	Pecking stone	Heavy	Percussion	Pigment processing	Pigment processing	6.0	5.2	3.9	225.00	-	-	Pigment	10R 3/6
8274	11628	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 3/6
8284	11486	-	-	-	-	Roasting	-	-	-	-	-	-	-	-
8371	14712	-	Moderate	Food processing	Food processing	Food processing	-	-	5.4	-	Rhyolite-vesicular	Tucson Mountains	-	-
8441	13069	-	Heavy	Food processing	Food processing	Food processing	34.9	21.5	4.4	5,199.10	Gneiss	Santa Catalina, Rincon mountains	-	-
8475	11532	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	241.00	Caliche	Tucson Basin	Pigment	White
8481	12001	-	Light	Abrading	Pigment processing	Pigment processing	5.3	2.8	2.1	34.70	Quartzite	Santa Cruz River	Pigment	10R 3/6
8481	12001	Fire-cracked rock	-	-	Other	Pigment processing	-	-	-	-	Basalt	Tucson Mountains	Pigment	10R 4/6
8481	12005	-	Light	-	Pigment processing	Pigment processing	-	-	-	-	-	-	Pigment	10R 3/6
8520	14170	-	Light	Percussion	General processing	Processing	28.6	13.0	4.0	-	Granite	Tortolita, Catalina mountains	-	-
8520	14171	-	Light	Smoothing	Manufacture	Manufacture	8.4	6.7	5.6	400.50	Basalt/andesite	Tucson Mountains	-	-
8520	14171	-	Moderate	Food processing	Food processing	Food processing	10.3	9.2	6.6	868.50	Granodiorite	Tortolita, Catalina mountains	-	-
8520	10984	-	Moderate	Processing	General processing	Processing	25.7	12.4	4.1	-	Meta-sandstone	Santa Cruz River	-	-
8520	10983	-	Unused	Procurement	Stoneworking	Stoneworking	18.4	6.5	3.2	363.00	Rhyolite-vesicular	Tucson Mountains	-	-
8533	13393	-	Unused	Paraphernalia	Unused	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 3/6
8545	11718	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	-	Muscovite	Unknown	-	-
8668	12499	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
8700	11865	-	Heavy	Percussion	Stoneworking	Stoneworking	7.5	6.2	5.0	366.50	Rhyolite	Tucson Mountains	-	-
8700	11872	Abrader	Heavy	Percussion	Pigment processing	Pigment processing	6.4	5.9	4.7	271.60	Andesite	Tucson Mountains	Pigment	10R 3/6
8700	11875	Pestle	Moderate	Food processing	Pigment processing	Pigment processing	11.0	8.2	4.4	694.40	Quartzite	Santa Cruz River	Pigment	10R 4/3
8700	11880	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	2.00	Hematite-earthly	Tucson Basin	Pigment	10R 4/8
8713	10610	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	5.50	Hematite-earthly	Tucson Basin	Pigment	10R 4/6



Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	8796	Bell-shaped pit	Extramural fill	Bell-shaped pit	12059	Lapstone	Flat/concave	1	Broken	Yes	-	Multiple	Concomitant
506	Early San Pedro	B	8796	Bell-shaped pit	Extramural fill	Bell-shaped pit	12057	Mano	Flat/concave	1	Broken	Fire-cracked	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8808	Bell-shaped pit	Extramural fill	Bell-shaped pit	10800	Handstone	Flat/concave	1	Whole	Yes	Expedient	Single	Sequential
506	Early San Pedro	B	8808	Bell-shaped pit	Extramural fill	Bell-shaped pit	10801	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8808	Bell-shaped pit	Extramural fill	Bell-shaped pit	10799	Ornament	Pendant	1	Whole	Yes	Incomplete	Unused	-
506	Early San Pedro	B	8886	Bell-shaped pit	Extramural fill	Bell-shaped pit	10748	Handstone	Other	1	Broken	Yes	Strategic	Multiple	Sequential
506	Early San Pedro	B	8907	Bell-shaped pit	Extramural fill	Bell-shaped pit	12512	Mano	Flat/concave	1	Whole	No	-	Multiple	Concomitant
506	Early San Pedro	B	8923	Bell-shaped pit	Extramural fill	Bell-shaped pit	12892	Mineral	Natural	1	Whole	No	-	Unused	-
506	Early San Pedro	B	8928	Bell-shaped pit	Extramural fill	Bell-shaped pit	13117	Mano	Basin	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8939	Bell-shaped pit	Extramural fill	Bell-shaped pit	13524	Mano	Basin	1	Whole	Yes	Expedient	Multiple	Sequential
506	Early San Pedro	B	8939	Bell-shaped pit	Extramural fill	Bell-shaped pit	14815	Polisher	Pebble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8953	Bell-shaped pit	Extramural fill	Bell-shaped pit	13590	Fossil	Fossil	1	Whole	No	-	Unused	-
506	Early San Pedro	B	8953	Bell-shaped pit	Extramural fill	Bell-shaped pit	13589	Hammerstone	Pulping stone	1	Whole	Yes	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8955	Bell-shaped pit	Extramural fill	Bell-shaped pit	12577	Handstone	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8955	Bell-shaped pit	Extramural fill	Bell-shaped pit	13441	Mano	Flat/concave	1	Broken	Fire-cracked	Expedient	Recycled	Sequential
506	Early San Pedro	B	8955	Bell-shaped pit	Extramural fill	Bell-shaped pit	12577	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9079	Bell-shaped pit	Extramural fill	Bell-shaped pit	13439	Polisher	Pebble	1	Whole	No	Expedient	Multiple	-
506	Early San Pedro	B	9144	Bell-shaped pit	Extramural fill	Bell-shaped pit	14023	Chopper	Other	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9165	Bell-shaped pit	Extramural fill	Bell-shaped pit	12827	Mano	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9247	Bell-shaped pit	Extramural fill	Bell-shaped pit	14089	Raw material	Ornament	1	Whole	No	-	-	-
506	Early San Pedro	B	9247	Bell-shaped pit	Extramural fill	Bell-shaped pit	14090	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	9247	Bell-shaped pit	Extramural fill	Bell-shaped pit	14099	Raw material	Ornament	1	Whole	No	-	-	-
506	Early San Pedro	B	9271	Bell-shaped pit	Extramural fill	Bell-shaped pit	13993	Lapstone	Flat/concave	1	Whole	Fire-cracked	Strategic	Multiple	Concomitant
506	Early San Pedro	B	9283	Bell-shaped pit	Extramural fill	Bell-shaped pit	13954	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9283	Bell-shaped pit	Extramural fill	Bell-shaped pit	13955	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	9283	Bell-shaped pit	Extramural fill	Bell-shaped pit	13952	Metate	Basin	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	9283	Bell-shaped pit	Extramural fill	Bell-shaped pit	13953	Pestle	Cylindrical	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	9285	Bell-shaped pit	Extramural fill	Bell-shaped pit	14118	Pecking stone	-	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9368	Bell-shaped pit	Extramural fill	Bell-shaped pit	14169	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	9380	Bell-shaped pit	Extramural fill	Bell-shaped pit	11306	Pigment	Processed	1	Sample	Yes	Strategic	Unused	-
506	Early San Pedro	B	9385	Bell-shaped pit	Extramural fill	Bell-shaped pit	14211	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	9468	Bell-shaped pit	Extramural fill	Bell-shaped pit	13706	Mano	Flat/concave	1	Broken	No	Expedient	Single	-
506	Early San Pedro	B	7780	Pit structure	Pithouse fill	Extramural	4539.01	Ornament	Pendant	1	Broken	No	Strategic	Redesigned	-
506	Early San Pedro	B	7780	Pit structure	Pithouse fill	Extramural	4517.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8058	Pit structure	Pithouse fill	Extramural	11056	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8244	Pit structure	Pithouse fill	Extramural	12416	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8244	Pit structure	Pithouse fill	Extramural	12417	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	8247	Pit structure	Pithouse fill	Extramural	11558	Hammerstone	Pulping stone	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7379	Extramural pit	Extramural fill	Extramural pit	14048	Hammerstone	Other	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7379	Extramural pit	Extramural fill	Extramural pit	14049	Hammerstone	Natural	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7379	Extramural pit	Extramural fill	Extramural pit	14046	Pestle	Cobble	1	Whole	No	Expedient	Multiple	Sequential
506	Early San Pedro	B	7384	Extramural pit	Extramural fill	Extramural pit	4243.01	Mano	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7384	Extramural pit	Extramural fill	Extramural pit	4240.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	7384	Extramural pit	Extramural fill	Extramural pit	4274.01	Unidentified	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	7415	Extramural pit	Extramural fill	Extramural pit	8701.01	Raw material	Pigment	1	Sample	Yes	-	-	-
506	Early San Pedro	B	7416	Extramural pit	Extramural fill	Extramural pit	8555.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7439	Extramural pit	Extramural fill	Extramural pit	8838.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7445	Extramural pit	Extramural fill	Extramural pit	4176.01	Fossil	Other	1	Whole	No	-	Unused	-
506	Early San Pedro	B	7491	Extramural pit	Extramural fill	Extramural pit	10002	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7504	Extramural pit	Extramural fill	Extramural pit	8174.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
8796	12059	Abrader	Moderate	Abrading	Manufacture	Manufacture	-	-	2.7	-	Schist	Tortolita Mountains	-	-
8796	12057	Pestle	Moderate	Food processing	Food processing	Food processing	-	7.6	4.9	-	Gneiss	Santa Catalina Mountains	-	-
8808	10800	-	Moderate	General processing	General processing	Processing	6.5	4.8	3.5	150.50	Quartzite	Santa Cruz River	-	-
8808	10801	-	Light	Food processing	Food processing	Food processing	10.5	8.2	6.7	948.50	Quartzite	Unknown	-	-
8808	10799	-	Unused	Paraphernalia	Stoneworking	Stoneworking	3.2	2.5	0.4	4.00	Andesite	Tucson Mountains	Organic	-
8886	10748	Abrader	Moderate	General processing	Manufacture	Manufacture	-	6.2	3.3	-	Quartzite	Santa Cruz River	-	-
8907	12512	Pecking stone	Moderate	Food processing	Food processing	Food processing	11.2	7.2	5.5	748.50	Granite	Tortolita, Catalina Mountains	-	-
8923	12892	-	Unused	Procurement	Unused	Paraphernalia	-	-	-	-	Caliche	Tucson Basin	-	-
8928	13117	-	Moderate	Food processing	Food processing	Food processing	9.6	6.7	5.1	476.00	Meta-sandstone	Santa Cruz River	-	-
8939	13524	Pestle	Moderate	Food processing	Food processing	Food processing	10.8	8.9	6.9	1,001.00	Rhyolite	Santa Cruz River	-	-
8939	14815	-	Moderate	Polishing	Manufacture	Manufacture	3.9	1.8	0.8	10.00	Mudstone	Santa Cruz River	-	-
8953	13590	-	Unused	Paraphernalia	Unused	Paraphernalia	1.8	1.4	0.6	2.00	Silica	Tucson Basin	-	-
8953	13589	Polisher	Moderate	Percussion	Multiple	Processing	8.1	7.4	4.5	419.20	Quartzite	Santa Cruz River	-	-
8955	12577	Fire-cracked rock	Light	General processing	Multiple	Roasting	-	-	-	-	Latite	Tucson Mountains	-	-
8955	13441	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	7.0	-	Unknown	Unknown	-	-
8955	12577	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Latite	-	-	-
9079	13439	Handstone	Moderate	Smoothing	Pigment processing	Pigment processing	5.7	5.2	3.7	158.50	Quartzite	Santa Cruz River	Pigment	10R 5/8
9144	14023	-	Light	Percussion	Stoneworking	Stoneworking	34.3	6.7	5.6	2,649.00	Granite	Tortolita, Catalina Mountains	-	-
9165	12827	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Granodiorite	Unknown	-	-
9247	14089	-	Unused	Procurement	Stoneworking	Stoneworking	1.5	0.9	0.1	-	Muscovite	Unknown	-	-
9247	14090	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/6
9247	14099	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	-	Muscovite	Unknown	-	-
9271	13993	Lapstone	Moderate	General processing	Pigment processing	Pigment processing	17.9	12.9	2.0	889.50	Rhyolite	Tucson Mountains	Pigment	10R 5/6
9283	13954	-	Moderate	Food processing	Food processing	Food processing	11.5	10.2	7.9	1,240.10	Rhyolite	Tucson Mountains	-	-
9283	13955	-	Moderate	Food processing	Food processing	Food processing	11.3	10.0	6.1	1,206.90	Quartzite	Santa Cruz River	-	-
9283	13952	Netherstone	Moderate	Food processing	Multiple	Food processing	29.9	18.9	3.9	3,169.00	Sandstone	-	-	-
9283	13953	-	Moderate	Percussion	Food processing	Food processing	30.1	7.9	7.5	2,395.80	Rhyolite	Tucson Mountains	-	-
9285	14118	-	Light	Percussion	Stoneworking	Stoneworking	6.3	5.6	4.7	200.50	-	-	-	-
9368	14169	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthly	Tucson Basin	Pigment	10R 4/3
9380	11306	-	Unused	Paraphernalia	Unused	Pigment processing	2.4	1.5	1.0	5.50	-	-	Pigment	10R 4/2
9385	14211	-	Moderate	Food processing	Food processing	Food processing	6.9	5.9	4.8	344.00	Quartzite	Santa Cruz River	-	-
9468	13706	-	Moderate	Food processing	Food processing	Food processing	-	7.2	5.1	-	Granodiorite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7780	4539.01	Ornament	Moderate	Paraphernalia	Stoneworking	Stoneworking	-	1.3	0.4	-	Argillite	Tucson Basin	-	-
7780	4517.01	-	Unused	Procurement	Pigment processing	Pigment processing	0.8	0.6	0.5	-	Hematite-earthly	Tucson Basin	Pigment	10R 5/8
8058	11056	Fire-cracked rock	Moderate	-	Multiple	Roasting	-	-	-	-	Granite	Tortolita, Catalina Mountains	-	-
8244	12416	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Andesite	Tucson Mountains	-	-
8244	12417	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	Andesite	Tucson Mountains	-	-
8247	11558	Core	Moderate	Percussion	Pigment processing	Pigment processing	7.1	5.9	4.2	260.80	Andesite	Santa Cruz River	Pigment	10R 4/6
7379	14048	Handstone	Moderate	Percussion	Pigment processing	Pigment processing	9.6	10.2	7.4	1,108.50	Rhyolite	Tucson Mountains	Paint	10R 4/6
7379	14049	-	Moderate	Percussion	Stoneworking	Stoneworking	10.2	9.1	6.6	734.50	-	-	-	-
7379	14046	Lapstone	Moderate	Percussion	Pigment processing	Pigment processing	27.5	9.2	5.7	2,205.50	Rhyolite-vesicular	Tucson Mountains	Pigment	10R 5/8
7384	4243.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
7384	4240.01	Fire-cracked rock	-	-	Pigment processing	Pigment processing	-	-	-	-	Rhyolite	Tucson Mountains	Paint	10R 4/4
7384	4274.01	-	-	-	-	Roasting	-	-	-	-	-	-	-	-
7415	8701.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.2	1.9	1.0	-	Hematite-earthly	Tucson Basin	Pigment	10R 3/6
7416	8555.01	Pestle	Moderate	Food processing	Food processing	Food processing	11.5	8.6	6.9	1,116.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7439	8838.01	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
7445	4176.01	-	Unused	Paraphernalia	Unused	Paraphernalia	3.1	3.2	0.9	6.50	Silica	Tucson Basin	-	-
7491	10002	-	Light	Food processing	Food processing	Food processing	12.1	9.6	5.6	977.50	Granite	CDO, Rillito,Tanque Verde Washes	-	-
7504	8174.01	-	Moderate	Food processing	Food processing	Food processing	11.4	8.3	7.1	899.50	Schist	Tortolita Mountains	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	7566	Extramural pit	Extramural fill	Extramural pit	13140	Pestle	Cylindrical	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7644	Extramural pit	Extramural fill	Extramural pit	7861.01	Metate	Basin	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7645	Extramural pit	Extramural fill	Extramural pit	7958.01	Unidentified	-	1	Broken	-	-	-	-
506	Early San Pedro	B	7664	Extramural pit	Extramural fill	Extramural pit	10579	Metate	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7664	Extramural pit	Extramural fill	Extramural pit	10580	Metate	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7671	Extramural pit	Extramural fill	Extramural pit	8113.01	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7684	Extramural pit	Extramural fill	Extramural pit	8979.01	Mano	Flat/concave	1	Whole	Yes	Expedient	Multiple	Sequential
506	Early San Pedro	B	7684	Extramural pit	Extramural fill	Extramural pit	8983.01	Pecking stone	-	1	Broken	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7789	Extramural pit	Extramural fill	Extramural pit	11024	Abrader	Pebble-edge	1	Whole	Yes	Expedient	Single	-
506	Early San Pedro	B	7875	Extramural pit	Extramural fill	Extramural pit	12287	Ornament	Pendant	1	Broken	No	Strategic	Unused	-
506	Early San Pedro	B	7909	Extramural pit	Extramural fill	Extramural pit	11145	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	7970	Extramural pit	Extramural fill	Extramural pit	4353.01	Mano	Flat/concave	1	Whole	Yes	Strategic	Reused	Concomitant
506	Early San Pedro	B	7992	Extramural pit	Extramural fill	Extramural pit	4839.01	Lapstone	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8023	Extramural pit	Extramural fill	Extramural pit	4434.01	Chopper	Pulping stone	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8023	Extramural pit	Extramural fill	Extramural pit	4436.01	Handstone	-	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	8023	Extramural pit	Extramural fill	Extramural pit	4435.01	Pecking stone	-	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8026	Extramural pit	Extramural fill	Extramural pit	12217	Lapstone	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8028	Extramural pit	Extramural fill	Extramural pit	11341	Unidentified	-	1	Broken	No	-	Recycled	Sequential
506	Early San Pedro	B	8046	Extramural pit	Extramural fill	Extramural pit	11197	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8220	Extramural pit	Extramural fill	Extramural pit	11890	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8238	Extramural pit	Extramural fill	Extramural pit	10697	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8238	Extramural pit	Extramural fill	Extramural pit	10698	Handstone	Flat/concave	1	Broken	Fire-cracked	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8238	Extramural pit	Extramural fill	Extramural pit	10696	Mano	Flat/concave	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	8238	Extramural pit	Extramural fill	Extramural pit	10695	Metate	Basin	1	Broken	No	Strategic	Destroyed	-
506	Early San Pedro	B	8249	Extramural pit	Extramural fill	Extramural pit	8990.01	Handstone	Flat/concave	1	Broken	Fire-cracked	-	Multiple	Sequential
506	Early San Pedro	B	8264	Extramural pit	Extramural fill	Extramural pit	4833.01	Hammerstone	Pulping stone	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8264	Extramural pit	Extramural fill	Extramural pit	13784	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8285	Extramural pit	Extramural fill	Extramural pit	10249	Pecking stone	Cobble	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8495	Extramural pit	Extramural fill	Extramural pit	13499	Hammerstone	Billet	1	Whole	No	Expedient	Single	Sequential
506	Early San Pedro	B	8495	Extramural pit	Extramural fill	Extramural pit	13498	Mano	Basin	1	Whole	Yes	Expedient	Reused	-
506	Early San Pedro	B	8495	Extramural pit	Extramural fill	Extramural pit	13500	Netherstone	Flat	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8500	Extramural pit	Extramural fill	Extramural pit	11611	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8538	Extramural pit	Extramural fill	Extramural pit	10286	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8567	Extramural pit	Extramural fill	Extramural pit	13101	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8575	Extramural pit	Extramural fill	Extramural pit	12420	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8585	Extramural pit	Extramural fill	Extramural pit	10999	Scraper	Other	1	Whole	Yes	Expedient	Recycled	Sequential
506	Early San Pedro	B	8589	Extramural pit	Extramural fill	Extramural pit	10951	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8612	Extramural pit	Extramural fill	Extramural pit	14156	Mano	Basin	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8676	Extramural pit	Extramural fill	Extramural pit	12154	Fossil	Fossil	1	Whole	No	-	Unused	-
506	Early San Pedro	B	8811	Extramural pit	Extramural fill	Extramural pit	12367	Mano	Flat/concave	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	8834	Extramural pit	Extramural fill	Extramural pit	12187	Mano	Basin	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	8835	Extramural pit	Extramural fill	Extramural pit	13682	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8904	Extramural pit	Extramural fill	Extramural pit	10986	Mano	Flat/concave	1	Whole	Yes	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8904	Extramural pit	Extramural fill	Extramural pit	10989	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8904	Extramural pit	Extramural fill	Extramural pit	10990	Mano	Basin	1	Whole	No	-	Multiple	Concomitant
506	Early San Pedro	B	8909	Extramural pit	Extramural fill	Extramural pit	12484	Mano	Flat/concave	1	Whole	No	Expedient	Multiple	-
506	Early San Pedro	B	8909	Extramural pit	Extramural fill	Extramural pit	12485	Mano	Basin	1	Whole	Fire-cracked	Expedient	Recycled	Sequential
506	Early San Pedro	B	8909	Extramural pit	Extramural fill	Extramural pit	12486	Mano	Flat/concave	1	Whole	Yes	Expedient	Reused	Concomitant
506	Early San Pedro	B	8954	Extramural pit	Extramural fill	Extramural pit	8710.01	Mano	Basin	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8958	Extramural pit	Extramural fill	Extramural pit	13377	Fossil	Fossil	1	Whole	No	-	Unused	-



Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
7566	13140	Lapstone	Heavy	Percussion	Multiple	Food processing	20.2	7.5	6.7	1,769.50	Rhyolite	Tucson Mountains	-	-
7644	7861.01	-	Heavy	Food processing	Food processing	Food processing	-	27.9	9.2	-	Rhyolite-vesicular	Tucson Mountains	-	-
7645	7958.01	-	-	-	-	Roasting	-	-	-	-	-	-	-	-
7664	10579	-	Moderate	Food processing	Food processing	Food processing	42.5	25.2	7.7	-	Rhyolite	Tucson Mountains	-	-
7664	10580	-	Moderate	Food processing	Food processing	Food processing	42.7	27.0	6.8	-	Rhyolite	Tucson Mountains	-	-
7671	8113.01	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
7684	8979.01	Abrader	Light	Food processing	Multiple	Food processing	-	10.7	5.2	-	Gneiss	Santa Catalina, Rincon mountains	-	-
7684	8983.01	Abrader	Light	Percussion	Pigment processing	Pigment processing	6.0	5.0	4.5	136.50	-	-	Pigment	10R 4/4
7789	11024	-	Light	Abrading	Manufacture	Manufacture	11.7	7.4	2.1	227.50	Schist	Tortolita Mountains	-	-
7875	12287	-	Unused	Paraphernalia	Stoneworking	Stoneworking	3.2	2.1	-	-	Phyllite	Extra basin	-	-
7909	11145	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
7970	4353.01	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	10.4	7.8	4.8	692.00	Quartzite	Unknown	Pigment	10R 4/6
7992	4839.01	-	Light	Smoothing	Stoneworking	Stoneworking	9.2	7.1	1.6	200.00	Basalt/andesite	Tucson Mountains	-	-
8023	4434.01	Abrader	Moderate	Percussion	Manufacture	Processing	7.2	7.3	5.8	360.60	-	-	-	-
8023	4436.01	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	-	Quartzite	Santa Cruz River	-	-
8023	4435.01	-	Moderate	Percussion	Pigment processing	Pigment processing	6.5	4.9	4.9	223.50	-	-	Pigment	10R 3/6
8026	12217	-	Moderate	Polishing	Stoneworking	Stoneworking	12.6	7.5	5.2	641.00	Granite	Tortolita, Catalina Mountains	-	-
8028	11341	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Granodiorite	Tortolita, Catalina Mountains	-	-
8046	11197	-	Unused	Procurement	Pigment processing	Pigment processing	2.9	1.8	1.4	6.50	Hematite-rock	Tucson Basin	Pigment	10R 4/6
8220	11890	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	-	-	-	-
8238	10697	Pecking stone	Light	General processing	General processing	Processing	8.6	7.4	5.1	450.00	Quartzite	Santa Cruz River	-	-
8238	10698	Handstone	Moderate	General processing	Pigment processing	Pigment processing	-	6.1	4.3	-	Rhyolite	Santa Cruz River	Pigment	10R 4/6
8238	10696	-	Moderate	Food processing	Food processing	Food processing	8.6	6.8	4.7	443.50	Granodiorite	Cañada del Oro	-	-
8238	10695	-	Heavy	Food processing	Food processing	Food processing	-	-	-	-	Quartzite	Santa Catalina, Rincon Mountains	-	-
8249	8990.01	Abrader	Moderate	General processing	Multiple	Roasting	-	-	-	-	Volcanic	Tucson Mountains	-	-
8264	4833.01	Abrader	Moderate	Percussion	Pigment processing	Pigment processing	10.0	8.7	6.8	869.00	Volcanic	Tucson Basin	Pigment	10R 4/6
8264	13784	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	4,861.10	Quartzite	Santa Cruz River	-	-
8285	10249	Abrader	Moderate	Percussion	Pigment processing	Pigment processing	5.5	5.9	6.0	286.00	Rhyolite	Santa Cruz River	Pigment	10R 4/8
8495	13499	-	Heavy	Percussion	Stoneworking	Stoneworking	8.1	8.4	5.3	439.00	-	-	-	-
8495	13498	Mano	Moderate	Food processing	Food processing	Food processing	8.7	9.2	5.9	767.50	Basalt/andesite	Tucson Mountains	-	-
8495	13500	Chopper	Moderate	Processing	Multiple	Processing	22.1	17.9	3.1	1,758.00	Granodiorite	Tortolita Mountains	-	-
8500	11611	Pestle	Moderate	Food processing	Food processing	Food processing	10.1	8.3	4.6	-	Quartzite	Santa Cruz River	-	-
8538	10286	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-earthy	Tucson Basin	Pigment	10R 6/8
8567	13101	-	Moderate	Food processing	Food processing	Food processing	10.2	8.3	5.0	671.00	Quartzite	Santa Cruz River	-	-
8575	12420	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Volcanic	Tucson Mountains	-	-
8585	10999	Fire-cracked rock	Light	Cutting/Scraping	Multiple	Roasting	20.1	10.8	4.4	1,733.50	Basalt/andesite-vesicular	Tucson Mountains	-	-
8589	10951	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	1.00	Hematite-earthy	Tucson Basin	Pigment	10R 6/4
8612	14156	-	Moderate	Food processing	Food processing	Food processing	10.7	9.2	8.3	1,056.00	Rhyolite	Tucson Mountains	-	-
8676	12154	-	Unused	Paraphernalia	Unused	Paraphernalia	4.9	2.9	1.3	16.50	Silica	Tucson Basin	-	-
8811	12367	-	Moderate	Food processing	Food processing	Food processing	13.6	10.1	7.1	1,352.00	Rhyolite	Tucson Mountains	-	-
8834	12187	-	Light	Food processing	Food processing	Food processing	9.9	8.6	7.2	857.60	Schist	Tortolita, Santa Catalina, Rincon mountains	-	-
8835	13682	-	Light	Food processing	Food processing	Food processing	10.9	8.8	6.6	1,044.60	Quartzite	Santa Cruz River	-	-
8904	10986	Abrader	Moderate	Food processing	Pigment processing	Pigment processing	1.2	8.9	4.7	673.50	Granite	Cañada del Oro, Rillito,Tanque Verde washes	Pigment	10R 4/8
8904	10989	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	11.7	9.6	5.6	1,156.00	Granite	Tortolita, Catalina Mountains	Pigment	10R 5/8
8904	10990	Pestle	Moderate	Food processing	Food processing	Food processing	11.9	7.9	7.2	1,062.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
8909	12484	Pecking stone	Light	Food processing	Multiple	Food processing	7.8	6.5	3.6	270.00	Quartzite	Santa Cruz River	-	-
8909	12485	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	8.6	7.9	5.5	-	Quartzite	Santa Cruz River	-	-
8909	12486	Mano	Moderate	Food processing	Pigment processing	Pigment processing	11.6	9.0	5.4	830.00	Quartzite	Santa Cruz River	Pigment	10R 4/6
8954	8710.01	-	Moderate	Food processing	Food processing	Food processing	8.2	6.4	5.2	395.00	Sandstone	-	-	-
8958	13377	-	Unused	Paraphernalia	Unused	Paraphernalia	2.1	1.8	0.9	4.50	Silica	Tucson Basin	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	8995	Extramural pit	Extramural fill	Extramural pit	13246	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9026	Extramural pit	Extramural fill	Extramural pit	13307	Mano	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9135	Extramural pit	Extramural fill	Extramural pit	13850	Polisher	Pebble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9166	Extramural pit	Extramural fill	Extramural pit	13564	Netherstone	-	1	Whole	Yes	Expedient	Single	-
506	Early San Pedro	B	9196	Extramural pit	Extramural fill	Extramural pit	13693	Netherstone	-	1	Broken	Yes	-	-	-
506	Early San Pedro	B	9302	Extramural pit	Extramural fill	Extramural pit	13857	Mano	Basin	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9302	Extramural pit	Extramural fill	Extramural pit	13858	Mano	Basin	1	Whole	Fire-cracked	Expedient	Multiple	Concomitant
506	Early San Pedro	B	9302	Extramural pit	Extramural fill	Extramural pit	13855	Metate	Flat/concave	1	Whole	Yes	Expedient	Single	-
506	Early San Pedro	B	9302	Extramural pit	Extramural fill	Extramural pit	13856	Metate	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9370	Extramural pit	Extramural fill	Extramural pit	13877	Pestle	Shaped	1	Whole	No	Strategic	Multiple	Sequential
506	Early San Pedro	B	8904	Extramural pit	Extramural fill	Extramural pit	10985	Mano	Basin	1	Whole	Fire-cracked	Expedient	Recycled	Sequential
506	Early San Pedro	B	8904	Extramural pit	Extramural fill	Extramural pit	10987	Pestle	-	1	Broken	Fire-cracked	-	Multiple	Sequential
506	Early San Pedro	B	8176.1	Bell-shaped pit	Extramural fill	Bell-shaped pit	11797	Mano	Flat/concave	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	8245	Extramural surface	Extramural fill	Extramural surface	10526	Raw material	Debitage	1	Sample	No	-	-	-
506	Early San Pedro	B	8610	Extramural surface	Extramural fill	Extramural surface	12204	Lapstone	Flat/concave	1	Whole	Yes	Strategic	Single	-
506	Early San Pedro	B	8245.02	Extramural pit	Extramural fill	Extramural pit	10633	Abrader	Pebble-edge	1	Whole	No	Expedient	Multiple	-
506	Early San Pedro	B	8245.03	Extramural pit	Extramural fill	Extramural pit	12032	Mano	Flat/concave	1	Broken	Yes	Strategic	-	-
506	Early San Pedro	B	8479	Inhumation	Extramural fill	Mortuary	11254	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	12786	Mano	Flat/concave	1	Whole	Yes	Strategic	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13361	Mano	Flat/concave	1	Whole	Yes	Expedient	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	12787	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13183	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13185	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13187	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13188	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13189	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13190	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13192	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13193	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13194	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13196	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13197	Metate	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13198	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13199	Metate	-	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13200	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13202	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13203	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13323	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13327	Metate	Flat/concave	1	Broken	Fire-cracked	Expedient	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13332	Metate	-	2	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13334	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13338	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13343	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13344	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13352	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13353	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13355	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13358	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13359	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13362	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential



Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
8995	13246	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	Volcanic	Santa Cruz River	-	-
9026	13307	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Rhyolite	Santa Cruz River	-	-
9135	13850	-	Light	Smoothing	Manufacture	Manufacture	5.3	2.2	2.2	45.50	Quartzite	Santa Cruz River	-	-
9166	13564	-	Light	Smoothing	Manufacture	Manufacture	18.4	13.6	11.1	3,765.10	Schist	Santa Catalina, Rincon mountains	-	-
9196	13693	-	-	-	-	-	-	-	-	-	Granite	Tortolita, Catalina Mountains	-	-
9302	13857	-	Moderate	Food processing	Food processing	Food processing	9.0	8.7	6.2	715.30	-	-	-	-
9302	13858	Pestle	Moderate	Food processing	Food processing	Food processing	11.0	7.5	7.4	983.60	Granite	Tortolita, Catalina Mountains	-	-
9302	13855	-	Moderate	Food processing	Food processing	Food processing	26.2	18.4	4.5	4,012.60	Rhyolite-vesicular	Tucson Mountains	-	-
9302	13856	-	Moderate	Food processing	Food processing	Food processing	26.7	18.1	1.7	1,577.00	Schist	Tortolita Mountains	-	-
9370	13877	Lapstone	Moderate	Percussion	Multiple	Food processing	29.0	7.5	7.5	2,876.50	Rhyolite-vesicular	Tucson Mountains	-	-
8904	10985	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	14.1	12.0	8.6	-	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
8904	10987	Handstone	-	Percussion	Multiple	Roasting	-	-	-	-	Granite	Tortolita, Catalina mountains	-	-
8176.1	11797	-	Heavy	Food processing	Food processing	Food processing	10.6	10.1	5.2	893.20	-	-	-	-
8245	10526	-	Unused	Paraphernalia	Stoneworking	Stoneworking	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8610	12204	-	Moderate	General processing	General processing	Processing	22.1	15.1	2.2	-	Schist	Tortolita Mountains	-	-
8245.02	10633	Polisher	Moderate	Abrading	Manufacture	Manufacture	5.0	2.9	0.5	10.20	Quartzite	Santa Cruz River	-	-
8245.03	12032	-	Moderate	Food processing	-	Food processing	-	-	-	-	Schist	Tortolita Mountains	-	-
8479	11254	Offering	Unused	Paraphernalia	Ritual	Mortuary	-	-	-	491.20	Hematite-earthly	Tucson Basin	Pigment	10R 4/8
8580	12786	Offering	Moderate	Food processing	Ritual	Mortuary	9.6	8.0	4.4	-	Quartzite	Unknown	-	-
8580	13361	Offering	Moderate	Food processing	Ritual	Mortuary	7.4	6.0	6.4	-	Quartzite	Unknown	-	-
8580	12787	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13183	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13185	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13187	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13188	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	-	-	-	-	-	-
8580	13189	Offering	-	Food processing	Ritual	Mortuary	-	-	5.4	-	Rhyolite	Tucson Mountains	-	-
8580	13190	Offering	-	Food processing	Ritual	Mortuary	-	-	6.1	-	Iron oxide	Tucson Basin	Pigment	10R 4/8
8580	13192	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	-	-	Paint	5YR 4/4
8580	13193	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13194	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13196	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13197	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	4.2	-	Rhyolite	Tucson Mountains	-	-
8580	13198	Offering	-	Food processing	Ritual	Mortuary	-	-	10.4	-	Rhyolite	Tucson Mountains	-	-
8580	13199	Offering	-	Food processing	Ritual	Mortuary	-	-	10.1	-	Rhyolite	Tucson Mountains	-	-
8580	13200	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	-	-	Schist	Santa Catalina Mountains	-	-
8580	13202	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13203	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13323	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13327	Offering	Moderate	Food processing	Ritual	Mortuary	-	22.9	6.2	-	Schist	Tortolita, Santa Catalina, Rincon mountains	-	-
8580	13332	Offering	Heavy	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13334	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13338	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13343	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13344	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	Pigment	10R 4/8
8580	13352	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13353	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13355	Offering	Moderate	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13358	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13359	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13362	Offering	-	Food processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-

Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13184	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13186	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13206	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13325	Netherstone	-	2	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13329	Netherstone	-	2	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13330	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13340	Netherstone	-	2	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13357	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13360	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	12380	Pipe - clay	Bulbous	1	Whole	from use	Strategic	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	12790	Pipe - clay	Composite	1	Whole	No	Strategic	Unused	-
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13318	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13195	Unidentified	-	1	Whole	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13204	Unidentified	-	1	Whole	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13205	Unidentified	-	1	Sample	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13207	Unidentified	-	1	Whole	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13208	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13331	Unidentified	-	1	Whole	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13335	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13337	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13339	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13345	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13346	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13349	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13354	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13356	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13357	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8580	Inhumation	Extramural fill	Mortuary	13363	Unidentified	-	126	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9015	Inhumation	Extramural fill	Mortuary	13425	Mano	-	1	Broken	Fire-cracked	-	-	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Mortuary	14677.1	Hammerstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Mortuary	14440	Handstone	Flat/concave	1	Whole	No	Strategic	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Mortuary	14439	Mano	Flat/concave	1	Broken	Fire-cracked	Expedient	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Mortuary	14676	Pipe	-	1	Broken	from use	Strategic	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Mortuary	14438	Raw material	Tool	1	Whole	No	-	-	-
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14441	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14441	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14441	Unidentified	-	4	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14441	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14675	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14677	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14677	Unidentified	-	14	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14677	Unidentified	-	3	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14677	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9441	Inhumation	Extramural fill	Extramural	14677.1	Unidentified	-	8	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	4443.01	Hammerstone	Billet	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	14401	Handstone	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	4848.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	10853	Mano	Flat/concave	1	Whole	No	Expedient	Single	Concomitant
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	10854	Mano	Flat/concave	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	11614	Mano	Flat/concave	1	Whole	No	Expedient	Single	-

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
8580	13184	Offering	-	-	Ritual	Mortuary	-	-	-	-	Mylonite	Santa Catalina Mountains	-	-
8580	13186	Offering	-	-	Ritual	Mortuary	-	-	-	-	Mylonite	Santa Catalina Mountains	-	-
8580	13206	Offering	-	Processing	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	Pigment	10R 5/8
8580	13325	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13329	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13330	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13340	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13357	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13360	Offering	Light	-	Ritual	Mortuary	-	-	-	-	Mylonite	Santa Catalina Mountains	-	-
8580	12380	Offering	Light	Paraphernalia	Ritual	Mortuary	14.8	2.7	2.6	42.30	Clay	Tucson Basin	Organic	-
8580	12790	Offering	Unused	Paraphernalia	Manufacture	Mortuary	4.8	2.2	2.2	16.60	Clay	Tucson Basin	-	-
8580	13318	Offering	Unused	Paraphernalia	Ritual	Mortuary	-	-	-	-	-	-	Pigment	10R 5/6
8580	13195	Offering	-	-	Ritual	Mortuary	17.0	10.2	12.1	2,560.70	Gneiss	Santa Catalina Mountains	-	-
8580	13204	Offering	-	-	Ritual	Mortuary	-	-	-	-	Monzonite	Tortolita Mountains	-	-
8580	13205	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	Pigment	10R 4/6
8580	13207	Offering	-	-	Ritual	Mortuary	14.0	12.3	10.6	-	Schist	Santa Catalina Mountains	-	-
8580	13208	Offering	Moderate	-	Ritual	Mortuary	-	-	-	-	-	-	-	-
8580	13331	Offering	-	-	Ritual	Mortuary	14.2	10.9	7.1	-	Schist	Tortolita Mountains	-	-
8580	13335	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13337	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13339	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13345	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13346	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13349	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13354	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13356	Offering	-	-	Ritual	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8580	13357	Offering	-	-	Ritual	Mortuary	-	-	-	-	-	-	-	-
8580	13363	Offering	-	-	Ritual	Mortuary	-	-	-	-	-	-	-	-
9015	13425	-	Moderate	Food processing	Multiple	Mortuary	-	-	-	-	Andesite	Tucson Mountains	-	-
9441	14677.1	-	-	Percussion	-	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	10R 5/8-10YR 7/8
9441	14440	Offering	Light	General processing	Multiple	Mortuary	-	5.6	3.3	-	Quartzite	Santa Cruz River	-	-
9441	14439	-	Moderate	Food processing	Multiple	Mortuary	-	-	4.7	-	Dacite	Tucson Mountains	-	-
9441	14676	Offering	Moderate	Paraphernalia	Ritual	Mortuary	-	-	-	-	Unknown	Unknown	Organic	10R 3/6
9441	14438	Offering	Unused	Procurement	Stone working	Mortuary	10.5	6.9	1.0	86.90	Schist	Tortolita, Santa Catalina, Rincon mountains	-	-
9441	14441	-	Moderate	-	-	Mortuary	-	-	-	-	Granodiorite	Tortolita Mountains	-	-
9441	14441	-	-	-	-	Mortuary	-	-	-	-	Andesite	Tucson Mountains	-	-
9441	14441	-	-	-	-	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
9441	14441	-	-	-	-	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
9441	14675	-	Moderate	-	-	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
9441	14677	-	-	-	-	Mortuary	-	-	-	-	Gneiss	Santa Catalina Mountains	-	-
9441	14677	-	-	-	-	Mortuary	-	-	-	-	Rhyolite	Tucson Mountains	-	-
9441	14677	-	-	-	-	Mortuary	-	-	-	-	Quartzite	Tucson Basin	-	-
9441	14677	-	-	-	-	Mortuary	-	-	-	-	Hematite-rock	Tucson Basin	-	-
9441	14677.1	-	-	-	-	Mortuary	-	-	-	-	Andesite	Tucson Mountains	-	-
7000	4443.01	Pulping stone	Moderate	Percussion	Pigment processing	Pigment processing	8.6	7.0	5.3	448.50	Meta-sandstone	Santa Cruz River	Paint	10R 3/6
7000	14401	-	Light	General processing	General processing	Processing	10.2	8.3	5.3	662.00	Meta-sandstone	Santa Cruz River	-	-
7000	4848.01	-	Moderate	Food processing	Food processing	Food processing	11.4	9.9	6.7	1,018.00	Felsic-vesicular	Santa Cruz River	-	-
7000	10853	-	Moderate	Food processing	Food processing	Food processing	9.6	8.4	5.6	672.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7000	10854	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7000	11614	-	Heavy	Food processing	Food processing	Food processing	9.5	7.6	5.9	218.50	Quartzite	Santa Cruz River	-	-



Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	13951	Metate	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	6811.01	Pestle	Parabolic	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	14140	Pestle	Cylindrical	1	Whole	No	Strategic	Unused	-
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	10001	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	10981	Raw material	Tool	1	Whole	Yes	-	-	-
506	Early San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	12436	Raw material	Ornament	1	Whole	No	-	-	-
506	Early San Pedro	B	9075	Nonfeature	Nonfeature	Extramural	14300	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9075	Nonfeature	Nonfeature	Extramural	14301	Mano	Basin	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	8873.02	Interior feature	Bell-shaped pit	Structure occupation	10829	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8058	Pit structure	Floor	Structure occupation	10436	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8417	Pit structure	Floor	Structure occupation	11984	Handstone	Flat/concave	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	8417	Pit structure	Floor	Structure occupation	11687	Polisher	Pebble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8873	Pit structure	Floor	Structure occupation	12228	Polisher	Pebble	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7862	Pit structure	Floor fill	Structure occupation	13253	Handstone	Flat/concave	1	Whole	No	Expedient	Multiple	Concomitant
506	Early San Pedro	B	7862	Pit structure	Floor fill	Structure occupation	13254	Unidentified	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	8059	Pit structure	Floor fill	Structure occupation	13547	Abrader	Pebble-edge	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8417	Pit structure	Floor fill	Structure occupation	11682	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8873	Pit structure	Floor fill	Structure occupation	10821	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8059.02	Interior feature	Posthole	Structure occupation	10657	Mano	Flat/concave	1	Broken	Fire-cracked	Expedient	-	-
506	Early San Pedro	B	8059.13	Interior feature	Posthole	Structure occupation	12785	Mano	-	1	Broken	Fire-cracked	Strategic	Redesigned	Sequential
506	Early San Pedro	B	8176.12	Ramada	Posthole	Ramada	11802	Mano	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8417.06	Interior feature	Posthole	Structure occupation	11810	Polisher	Pebble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7862	Pit structure	Roof/wall fall	Structure occupation	13259	Polisher	Pebble	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7780.02	Interior feature	Small pit	Structure occupation	4559.01	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7862.02	Interior feature	Small pit	Structure occupation	13271	Unidentified	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	8012.11	Interior feature	Small pit	Structure occupation	4917.01	Hoe	Blank	1	Whole	Yes	Expedient	Unused	-
506	Early San Pedro	B	8259.03	Interior feature	Small pit	Structure occupation	11759	Metate	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	8417.14	Interior feature	Small pit	Structure occupation	10557	Mano	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	8873.03	Interior feature	Small pit	Structure occupation	10841	Handstone	-	1	Broken	Fire-cracked	-	-	-
506	Early San Pedro	B	7471	Roasting pit	Extramural fill	Roasting pit	11941	Chopper	Other	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	7474	Roasting pit	Extramural fill	Roasting pit	8490.01	Raw material	Pigment	1	Sample	Yes	-	-	-
506	Early San Pedro	B	7492	Roasting pit	Extramural fill	Roasting pit	13226	Mano	Flat/concave	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	7492	Roasting pit	Extramural fill	Roasting pit	13474	Metate	Basin	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7492	Roasting pit	Extramural fill	Roasting pit	13225	Raw material	Other	1	Sample	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	7538	Roasting pit	Extramural fill	Roasting pit	8907.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	7538	Roasting pit	Extramural fill	Roasting pit	8912.01	Unidentified	-	1	Broken	No	-	-	-
506	Early San Pedro	B	7633	Roasting pit	Extramural fill	Roasting pit	8470.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	7809	Roasting pit	Extramural fill	Roasting pit	4714.01	Pecking stone	Cobble	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8070	Roasting pit	Extramural fill	Roasting pit	12642	Mano	Flat/concave	1	Whole	Yes	Strategic	Recycled	Sequential
506	Early San Pedro	B	8070	Roasting pit	Extramural fill	Roasting pit	12643	Mano	Flat/concave	1	Whole	Yes	Strategic	Multiple	Concomitant
506	Early San Pedro	B	8152	Roasting pit	Extramural fill	Roasting pit	12412	Unidentified	-	1	Broken	Fire-cracked	-	-	Sequential
506	Early San Pedro	B	8677	Roasting pit	Extramural fill	Roasting pit	13056	Hammerstone	Billet	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	8839	Roasting pit	Extramural fill	Roasting pit	12049	Chopper	Pulping stone	1	Whole	No	Strategic	Single	-
506	Early San Pedro	B	8839	Roasting pit	Extramural fill	Roasting pit	12042	Metate	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	8839	Roasting pit	Extramural fill	Roasting pit	12048	Metate	-	1	Broken	Fire-cracked	-	Recycled	-
506	Early San Pedro	B	8839	Roasting pit	Extramural fill	Roasting pit	12048	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	8860	Roasting pit	Extramural fill	Roasting pit	12755	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	B	9002	Roasting pit	Extramural fill	Roasting pit	12572	Mano	Flat/concave	1	Whole	Yes	-	Multiple	Concomitant
506	Early San Pedro	B	9002	Roasting pit	Extramural fill	Roasting pit	12571	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9005	Roasting pit	Extramural fill	Roasting pit	12606	Raw material	Pigment	1	Sample	Yes	-	-	-

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
7000	13951	-	Light	Food processing	Food processing	Food processing	33.6	25.3	7.7	-	-	-	-	-
7000	6811.01	Lapstone	Moderate	Percussion	Food processing	Food processing	29.7	9.7	5.2	1,878.00	-	-	-	-
7000	14140	-	Unused	Percussion	Unused	Stoneworking	31.7	9.2	7.0	2,976.50	Felsic-vesicular	Tucson Mountains	-	-
7000	10001	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	2.00	Malachite	Tucson Basin	Pigment	5G 6/2
7000	10981	-	Unused	Procurement	Stoneworking	Stoneworking	10.4	10.4	2.1	355.00	Meta-sandstone	Santa Cruz River	-	-
7000	12436	-	Unused	Procurement	Stoneworking	Stoneworking	-	-	-	2.00	Muscovite	Unknown	-	-
9075	14300	-	Light	Food processing	Food processing	Food processing	10.0	9.0	5.2	770.50	Quartzite	Santa Cruz River	-	-
9075	14301	Handstone	Moderate	Food processing	Pigment processing	Pigment processing	7.5	6.6	5.5	411.50	Quartzite	Santa Cruz River	Pigment	10R 4/4
8873.02	10829	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	4.00	-	-	Pigment	10R 5/6
8058	10436	Abrader	Moderate	Food processing	Multiple	Food processing	11.7	8.6	5.2	828.50	-	-	-	-
8417	11984	-	-	General processing	-	Processing	-	-	-	-	Volcanic	Tucson Mountains	-	-
8417	11687	-	Moderate	Polishing	Stoneworking	Stoneworking	3.1	3.2	1.9	28.50	Quartzite	Santa Cruz River	-	-
8873	12228	Pecking stone	Moderate	Polishing	Stoneworking	Stoneworking	5.4	4.6	3.6	122.50	Basalt/andesite	Tucson Mountains	-	-
7862	13253	Polisher	Moderate	General processing	Multiple	Processing	5.6	3.7	2.8	105.70	Unknown	Unknown	-	-
7862	13254	-	-	-	-	Roasting	-	-	-	-	Andesite	Tucson Mountains	-	-
8059	13547	-	Light	Abrading	Manufacture	Manufacture	6.1	3.9	0.8	27.40	Quartzite	Tortolita, Santa Catalina, Rincon mountains	-	-
8417	11682	-	Unused	Procurement	Pigment processing	Pigment processing	1.3	1.3	0.8	2.00	Hematite-earthy	Tucson Basin	Pigment	10R 4/6
8873	10821	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	27.00	Hematite-earthy	Tucson Basin	Pigment	10R 5/8
8059.02	10657	-	Moderate	Food processing	-	Food processing	-	-	-	-	Quartzite	Santa Cruz River	-	-
8059.13	12785	Abrader	Moderate	Food processing	Multiple	Food processing	-	-	-	-	Schist	Tortolita Mountains	-	-
8176.12	11802	Fire-cracked rock	-	Food processing	Multiple	Food processing	-	-	-	-	Rhyolite	Tucson Mountains	-	-
8417.06	11810	-	Light	Smoothing	Manufacture	Manufacture	4.0	1.9	0.8	9.00	Sandstone	Santa Cruz River	-	-
7862	13259	-	Moderate	Polishing	Manufacture	Manufacture	4.1	1.9	0.9	13.40	Unknown	-	-	-
7780.02	4559.01	-	-	-	-	-	-	-	-	-	-	-	-	-
7862.02	13271	-	-	-	-	Roasting	-	-	-	-	Schist	Tortolita Mountains	-	-
8012.11	4917.01	-	Unused	Percussion	Unused	Stoneworking	21.6	9.6	4.4	-	Basalt/andesite	Santa Cruz River	-	-
8259.03	11759	-	-	Food processing	-	Food processing	-	-	-	-	Volcanic	Tucson Mountains	-	-
8417.14	10557	-	Moderate	Food processing	-	Food processing	-	-	-	-	Felsic-vesicular	Santa Cruz River	-	-
8873.03	10841	-	-	-	-	Processing	-	-	-	-	Dacite	Tucson Mountains	-	-
7471	11941	-	Light	Percussion	Manufacture	Processing	7.8	2.8	1.4	54.50	Sandstone	Santa Cruz River	-	-
7474	8490.01	-	Unused	Procurement	Pigment processing	Pigment processing	2.3	1.7	1.4	8.00	Hematite-earthy	Tucson Basin	Pigment	10R 4/6
7492	13226	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
7492	13474	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
7492	13225	Fire-cracked rock	Unused	Procurement	Multiple	Roasting	25.3	14.3	7.7	4,489.30	Granodiorite	Tortolita, Catalina mountains	-	-
7538	8907.01	-	Moderate	Food processing	Food processing	Roasting	11.2	9.1	5.4	941.50	Granodiorite	Tortolita Mountains	-	-
7538	8912.01	-	-	-	-	Roasting	-	-	-	-	-	-	-	-
7633	8470.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.2	2.2	1.9	18.00	Caliche	Tucson Basin	Pigment	White
7809	4714.01	Fire-cracked rock	-	Percussion	Stone working	Roasting	-	7.5	6.3	453.70	-	-	-	-
8070	12642	Fire-cracked rock	Moderate	Food processing	Food processing	Roasting	11.3	9.9	4.5	855.00	Granite	Tortolita, Catalina mountains	-	-
8070	12643	Handstone	Moderate	Food processing	Roasting	Pigment processing	11.2	8.9	5.0	821.50	Volcanic	Santa Cruz River	Pigment	10R 4/8
8152	12412	Fire-cracked rock	-	-	-	Roasting	-	-	-	-	-	-	-	-
8677	13056	-	Heavy	Percussion	Stoneworking	Stoneworking	5.4	5.0	4.2	153.50	-	-	-	-
8839	12049	-	Moderate	Percussion	Manufacture	Processing	6.8	5.1	4.1	173.70	Andesite	Santa Cruz River	-	-
8839	12042	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
8839	12048	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
8839	12048	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	-	-	-	-
8860	12755	-	Moderate	Food processing	Food processing	Roasting	9.5	5.8	6.7	-	Granodiorite	Tortolita, Catalina Mountains	-	-
9002	12572	Pestle	Heavy	Food processing	Multiple	Roasting	10.0	6.2	5.2	564.50	Quartzite	Santa Cruz River	-	-
9002	12571	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Rhyolite	Tucson Mountains	-	-
9005	12606	-	Unused	Procurement	Pigment processing	Pigment processing	1.9	2.0	1.2	4.50	Hematite-earthy	Tucson Basin	Pigment	10R 4/6



Table 2.1. Continued.

Stratum	Phase	Locus	Feature	Feature Type	Context	Context2	FN	Artifact	Subtype	Count	Condition	Burned	Design	Use	Sequence
506	Early San Pedro	B	9072	Roasting pit	Extramural fill	Roasting pit	12734	Mano	Flat/concave	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9273	Roasting pit	Extramural fill	Roasting pit	12965	Metate	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	B	9298	Roasting pit	Extramural fill	Roasting pit	13776	Metate	Flat/concave	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
506	Early San Pedro	B	7542	Nonfeature	Sheet trash	Sheet trash	8097.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	B	8351	Nonfeature	Sheet trash	Sheet trash	11645	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	F	23780	Bell-shaped pit	Extramural fill	Bell-shaped pit	4581.01	Netherstone	-	1	Broken	Fire-cracked	-	Recycled	Sequential
506	Early San Pedro	F	23769	Extramural pit	Extramural fill	Extramural pit	7934.01	Raw material	Pigment	1	Sample	No	-	-	-
506	Early San Pedro	F	23852	Extramural pit	Extramural fill	Extramural pit	12530	Metate	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	F	23860	Extramural pit	Extramural fill	Extramural pit	12104	Metate	Flat/concave	1	Whole	No	Strategic	Redesigned	Concomitant
506	Early San Pedro	F	23860	Extramural pit	Extramural fill	Extramural pit	12103	Raw material	Tool	1	Whole	No	-	-	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	12529	Handstone	Flat/concave	1	Whole	No	Expedient	Single	Concomitant
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7517.01	Mano	Flat/concave	1	Whole	Yes	Expedient	Multiple	Concomitant
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7579.01	Mano	Flat/concave	1	Whole	No	Strategic	Multiple	Sequential
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7585.01	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	10732	Mano	Flat/concave	1	Broken	Yes	Strategic	Single	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	12163	Mano	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	12525	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	12164	Metate	Flat/concave	1	Whole	No	Strategic	Single	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	12536	Metate	Flat/concave	1	Broken	No	Strategic	Redesigned	-
506	Early San Pedro	F	23000	Nonfeature	Nonfeature	Extramural	7518.01	Pestle	Cylindrical	1	Broken	No	Strategic	-	-
506	Early San Pedro	F	23788	Roasting pit	Extramural fill	Roasting pit	7981.01	Unidentified	-	1	Broken	Fire-cracked	-	Recycled	Sequential
507	Pre-San Pedro	A	4000	Nonfeature	Nonfeature	Extramural	12078	Mano	Flat/concave	1	Whole	No	Expedient	Single	-
507	Pre-San Pedro	B	9449	Bell-shaped pit	Extramural fill	Bell-shaped pit	14408	Handstone	-	1	Broken	Fire-cracked	-	Recycled	-
507	Pre-San Pedro	B	9190	Extramural pit	Extramural fill	Extramural pit	14172	Raw material	Tool	1	Whole	No	-	-	-
507	Pre-San Pedro	B	9311	Extramural pit	Extramural fill	Extramural pit	14190	Raw material	Pigment	1	Sample	No	-	-	-
507	Pre-San Pedro	B	9321	Extramural pit	Extramural fill	Extramural pit	13943	Abrader	Pebble-edge	1	Whole	No	Expedient	Multiple	-
507	Pre-San Pedro	B	9423	Extramural pit	Extramural fill	Extramural pit	14305	Mano	Flat/concave	1	Whole	Yes	Strategic	Single	-
507	Pre-San Pedro	B	9424	Extramural pit	Extramural fill	Extramural pit	14642	Pigment	Processed	1	Sample	No	Strategic	Unused	-
507	Pre-San Pedro	B	9448	Extramural pit	Extramural fill	Extramural pit	14684	Metate	Flat/concave	1	Broken	Yes	Expedient	Multiple	Concomitant
507	Pre-San Pedro	B	9448	Extramural pit	Extramural fill	Extramural pit	14685	Unidentified	-	2	Broken	Fire-cracked	-	Recycled	-
507	Pre-San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	13566	Handstone	Flat/concave	1	Whole	Fire-cracked	Expedient	Recycled	Sequential
507	Pre-San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	13567	Handstone	Flat/concave	1	Broken	Fire-cracked	-	Recycled	-
507	Pre-San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	13565	Mano	Flat/concave	1	Whole	Yes	Expedient	Single	-
507	Pre-San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	13677	Mano	Flat/concave	1	Broken	Fire-cracked	Strategic	Recycled	Sequential
507	Pre-San Pedro	B	7000	Nonfeature	Nonfeature	Extramural	14217	Pestle	Cylindrical	1	Whole	No	Strategic	Multiple	-

Table 2.1. Continued.

Feature	FN	Second Type	Wear	Designed Activity	Actual Activity	Text Activity	Length (cm)	Width (cm)	Thickness (cm)	Weight (gm)	Rock Type	Provenance	Residue	Color
9072	12734	Pestle	-	Food processing	Multiple	Roasting	-	-	-	-	Granite	Tortolita, Catalina Mountains	-	-
9273	12965	Fire-cracked rock	-	Food processing	Multiple	Roasting	-	-	-	-	Basalt/andesite-vesicular	Tucson Mountains	-	-
9298	13776	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Felsic-vesicular	Tucson Mountains	-	-
7542	8097.01	-	Unused	Procurement	Pigment processing	Pigment processing	3.1	3.1	2.1	26.00	Caliche	Tucson Basin	Pigment	White
8351	11645	-	Unused	Procurement	Pigment processing	Pigment processing	1.2	0.8	0.2	2.00	Hematite-rock	Tucson Basin	Pigment	10R 3/6
23780	4581.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
23769	7934.01	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Limonite-rock	Tucson Basin	Pigment	10YR 7/6
23852	12530	-	Moderate	Food processing	Food processing	Food processing	49.7	34.4	6.4	-	-	-	-	-
23860	12104	Chopper	Heavy	Food processing	Pigment processing	Pigment processing	34.1	17.8	4.1	-	Quartzite	Santa Cruz River	Pigment	10R 4/6
23860	12103	-	Unused	Procurement	Stoneworking	Stoneworking	35.7	15.7	5.2	4,354.50	Dacite	Tucson Mountains	-	-
23000	12529	-	Moderate	General processing	Pigment processing	Pigment processing	7.9	7.7	4.3	285.00	Sandstone	Santa Cruz River	Pigment	10R 4/8
23000	7517.01	Mano	Moderate	Food processing	Food processing	Food processing	10.2	8.1	5.0	604.50	Rhyolite	Santa Cruz River	-	-
23000	7579.01	Pestle	Moderate	Food processing	Food processing	Food processing	10.9	9.2	6.3	1,046.00	Metamorphic	Cañada del Oro, Rillito,Tanque Verde washes	-	-
23000	7585.01	-	Moderate	Food processing	Food processing	Food processing	11.2	8.7	6.1	892.00	Granite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
23000	10732	-	Light	Food processing	Food processing	Food processing	-	7.6	4.8	-	-	-	-	-
23000	12163	-	Moderate	Food processing	Food processing	Food processing	11.9	10.7	6.4	1,310.50	Gneiss	Cañada del Oro, Rillito,Tanque Verde washes	-	-
23000	12525	-	Heavy	Food processing	Food processing	Food processing	11.2	8.9	8.6	907.05	Sandstone	Santa Cruz River	-	-
23000	12164	-	Moderate	Food processing	Food processing	Food processing	24.7	18.4	3.9	-	Granite	-	-	-
23000	12536	Metate	Heavy	Food processing	Food processing	Food processing	-	29.3	3.3	-	Quartzite	-	-	-
23000	7518.01	-	Heavy	Percussion	Food processing	Food processing	-	-	-	-	Andesite	Tucson Mountains	-	-
23788	7981.01	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	-	-	-	-
4000	12078	-	Light	Food processing	Food processing	Food processing	11.4	8.3	5.4	743.50	Dacite	Santa Cruz River	-	-
9449	14408	Fire-cracked rock	-	General processing	Multiple	Roasting	-	-	-	-	Latite	Tucson Mountains	-	-
9190	14172	-	Unused	Procurement	Stoneworking	Stoneworking	27.9	11.4	3.9	1,809.80	Schist	Tortolita Mountains	-	-
9311	14190	-	Unused	Procurement	Pigment processing	Pigment processing	-	-	-	-	Hematite-rock	Tucson Basin	Pigment	10R 5/8
9321	13943	Polisher	Light	Abrading	Multiple	Manufacture	6.1	4.0	1.2	41.20	Rhyolite	Tucson Mountains	-	-
9423	14305	-	Heavy	Food processing	Food processing	Food processing	10.7	9.5	4.9	735.30	Rhyolite	Tucson Mountains	-	-
9424	14642	-	Unused	Paraphernalia	Unused	Pigment processing	7.4	4.1	4.2	100.00	Caliche	Tucson Basin	Pigment	White
9448	14684	Netherstone	Moderate	Food processing	Pigment processing	Pigment processing	-	17.5	4.6	-	Schist	Tortolita Mountains	Pigment	10R 4/8
9448	14685	Fire-cracked rock	-	-	Multiple	Roasting	-	-	-	-	Schist	Tortolita Mountains	-	-
7000	13566	Fire-cracked rock	Light	General processing	General processing	Roasting	12.4	11.5	5.6	-	Volcanic	Santa Cruz River	-	-
7000	13567	Fire-cracked rock	Moderate	General processing	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
7000	13565	-	Moderate	Food processing	Food processing	Food processing	12.2	10.4	6.0	1,188.50	Granodiorite	Cañada del Oro, Rillito,Tanque Verde washes	-	-
7000	13677	Fire-cracked rock	Moderate	Food processing	Multiple	Roasting	-	-	-	-	Sandstone	Santa Cruz River	-	-
7000	14217	-	Moderate	Percussion	Food processing	Food processing	34.2	6.2	4.3	1,864.00	Metamorphic	Santa Catalina, Rincon mountains	-	-

**THE ASSOCIATION OF PIT  
STRUCTURES AND EXTRAMURAL  
CONTEXTS WITH GROUND STONE  
ARTIFACTS FROM LAS CAPAS,  
AZ AA:12:111 (ASM)**

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During the 2008-2009 excavations at Las Capas, AZ AA:12:111 (ASM), the excavators recorded features that were within 3 m of pit structures in the

same stratum. Those features and the types of ground stone artifacts found in each context are described in Table 3.1.





**Table 3.1.** Features with ground stone items and associated with specific pit structures at Las Capas, AZ AA:12:111 (ASM).

Stratum	Locus	Structure	Artifacts	Features Within 3 m	Artifacts	Context/Comments
504	D	13584	No ground stone			-
504	D	14064	Raw pigment	13465	Raw pigment	Extramural pit Extramural surface
504	E	3155	Raw pigment, ornament raw material, fire-cracked ground stone	13398	Raw pigment, ornament raw material	Bell-shaped pit Extramural and occupation surface
504	E	3229	Raw pigment, fire-cracked ground stone, pulping stone	3349	Raw pigment	Extramural pit
				3413	Raw pigment	Bell-shaped pit
				3416	Raw pigment, fire-cracked ground stone	Bell-shaped pit
						Occupation
504	E	3340	Raw pigment, pigment processing tool, fire-cracked ground stone	3149	Pecking stone	Bell-shaped pit
				3251	Raw pigment	Bell-shaped pit
				3424	Raw pigment, pigment-processing tool	Bell-shaped pit
						Interior bell-shaped pit
504	E	3421	Raw pigment	3229	Raw pigment, pigment processing, fire-cracked ground stone, pulping stone	Structure occupation
				3431	Raw pigment, pigment-processing tools, fire- cracked ground stone	Structure occupation, compatible metate in Stratum 506, Locus B, Feature 7664
				3229	Raw pigment, fire-cracked ground stone, pulping stone	Occupation surface
						Structure occupation
504	A	4014	Tools, pigment-processing tool, painted clay	3171	Fire-cracked ground stone	Bell-shaped pit
				3350	Raw pigment	Extramural pit
				3424	Raw pigment, pigment-processing tool	Bell-shaped pit
						Occupation
504	B	7082	No ground stone	4013	Raw pigment	Bell-shaped pit
				7077	Raw pigment, pigment-processing tool	- Extramural pit

Table 3.1. Continued.

Stratum	Locus	Structure	Artifacts	Features Within 3 m	Artifacts	Context/Comments
504	D	13225	Raw pigment, ornament raw material, fire-cracked ground stone	13548	Raw pigment	Occupation
504	D	13218	Raw pigment, pigment-processing tools, whole flat/concave manos, fire-cracked ground stone	13367 13662 13899	Raw pigment, pigment processing, whole tools Raw pigment Raw pigment, fire-cracked ground stone	Structure occupation Compatible metate in Stratum 506, Locus A, Feature 4324
505	B	7754	No ground stone	8387 8438	Flat/concave mano, pigment processing Mineral	Structure occupation Extramural pit Extramural pit -
505	B	8260	No ground stone	8076 8084 8343	Whole flat/concave mano Raw pigment Raw pigment	Extramural pit Bell-shaped pit -
505	F	23548	No ground stone	23559	Whole whorl	Structure occupation Bell-shaped pit Bell-shaped pit -
506	A	4584	Tabular tool	4533	Whole flat/concave mano, pigment processing	Extramural pit Occupation
506	A	4282	Abraders	4586	Raw pigment	Bell-shaped pit, compatible metate Stratum 506, Locus B, Feature 13855 Bell-shaped pit
506	A	4512	Fire-cracked ground stone	4275 4280 4533	Shaped Pigment, whole tools Whole flat/concave mano, pigment processing	Occupation and extramural Extramural pit Bell-shaped pit Bell-shaped pit, compatible metate Stratum 506, Locus B, Feature 13855
506	A	4512	Fire-cracked ground stone	4280 4303 4307 4308	Pigment, tools Raw pigment Whole flat/concave mano, raw pigment Raw pigment, pigment-processing tool	Occupation Bell-shaped pit Extramural pit Bell-shaped pit, compatible metate in Stratum 506, Locus A, Feature 4267 Bell-shaped pit

Table 3.1. Continued.

Stratum	Locus	Structure	Artifacts	Features Within 3 m	Artifacts	Context/Comments
506	A	4512 (cont'd.)				
				4524	Pigment-processing tool	Extramural pit
				4576	Pigment-processing tool	Extramural pit
506	B	7543	No ground stone	7520	Whole flat/concave mano, raw pigment	-
				7538	Whole flat/concave mano, fire-cracked ground stone	Bell-shaped pit
						Roasting pit
				7566	Whole pestle	Bell-shaped pit
506	B	7701	No ground stone			-
				7474	Raw pigment	Roasting pit
				7491	Flat/concave mano	Extramural pit
				7500	Raw pigment	Bell-shaped pit
506	B	7780	Raw pigment, pendant fragment	7779	Raw pigment	Nothing associated with occupation
				8441	Whole metate	Bell-shaped pit
				8700	Raw pigment, pigment processing, flat/concave mano	Bell-shaped pit
						Bell-shaped pit
				8839	Pulping stone, fire-cracked ground stone	Roasting pit
506	B	7862	Handstone, whole polisher	9302	Whole manos and metates	Not compatible, extramural pit
						Occupation
506	B	8011	No ground stone	9368	Raw pigment	Bell-shaped pit
						-
				7778	Ornament blank	Bell-shaped pit
				7779	Raw pigment	Bell-shaped pit
				7908	Raw pigment	Bell-shaped pit
				7940	Whole flat/concave manos, pulping stone	Bell-shaped pit, compatible metate in Stratum 506, Locus A, Feature 4267
				7948	3/4 basin metate, pecking stone	Bell-shaped pit
				7970	Flat/concave mano, pigment processing	Extramural pit, compatible metate in Stratum 506, Locus A Feature 4324
				8533	Pigment	Bell-shaped pit
				8700	Raw pigment, pigment processing, flat/concave mano	Bell-shaped pit
				8839	Pulping stone, fire-cracked ground stone	Roasting pit

Table 3.1. Continued.

Stratum	Locus	Structure	Features		Context/Comments
			Within 3 m	Artifacts	
506	B	8012	Hoe blank		Interior pit
				7778	Ornament blank
				8834	Whole basin mano
				8835	Whole flat/concave mano
506	B	8047	No ground stone		–
				8046	Raw pigment
				8180	Pulping stone, raw pigment
506	B	8058	Whole flat/concave mano		Occupation
				8176.1	Whole flat/concave mano
				8274	Raw pigment, flat/concave mano, pigment processing
506	B	8059	Abrader, fire-cracked ground stone		Occupation
				8046	Raw pigment
				8185	Raw pigment
506	B	8059		8481	Whole tools, pigment-processing tools, painted rock
				8713	Raw pigment
				8886	Broken handstone
				9196	Broken netherstone
				9271	Whole lapstone, pigment processing
506	B	8244	Fragments		Bell-shaped pit, Extramural
				8173	Whole tools
				8245	Pebble edge abrader
				9283	Whole tools
506	B	8245	Pebble edge abrader, debitage		Extramural surface
				8176	Whole flat/concave mano
				8244	Fragments
				8259.03	Broken metate
				8860	Whole flat/concave mano



Table 3.1. Continued.

Stratum	Locus	Structure	Artifacts	Features Within 3 m	Artifacts	Context/Comments
506	B	8247	Pulping stone			
				8058	Whole flat/concave mano	Extramural
				8176	Whole flat/concave mano	Structure
				8808	Whole tools	Ramada
				9247	Raw material	Bell-shaped pit
				8148	Pecking stone	Bell-shaped pit
506	B	8417	Raw pigment, tools			Bell-shaped pit
				9441	Broken pipe, whole handstone, fire-cracked ground stone	Occupation
						Inhumation
506	B	8610	Whole lapstone			
				7425	Flat/concave mano	Extramural surface
				7779	Raw pigment	Bell-shaped pit
				7780	Raw pigment, broken pendant	Bell-shaped pit
				7908	Raw pigment	Extramural
				7970	Whole flat/concave mano, pigment processing	Bell-shaped pit
				8441	Whole basin metate	Extramural pit
				8839	Pulping stone, fire-cracked ground stone	Bell-shaped pit
				8700	Raw pigment, pigment processing, flat/concave mano	Intrusive roasting pit
						Intrusive bell-shaped pit



**CONTEXTS AT LAS CAPAS,  
AZ AA:12:111 (ASM), FROM WHICH  
FIRE-CRACKED ROCKS AND  
FIRE-CRACKED GROUND STONE  
WERE RECOVERED**

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The most numerous artifacts identified at Las Capas, AZ AA:12:111 (ASM), were the more than 19,000 pieces of fire-cracked rock and fire-cracked ground stone. These were the rocks heated and used in pits for roasting food. Larger ground stone pieces, such as manos and metates, were commonly re-

cycled into these roasting pits. The tables in this chapter tally the ground stone artifacts, fire-cracked ground stone, and fire-cracked rocks recovered from pit structures and extramural features from within each stratum.





**Table 4.1.** Stratum 507 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rocks were recovered at Las Capas, AZ AA:12:111 (ASM).

Locus	Feature Type	Feature	Count	Artifact Type	Fire-cracked Ground Stone	Fire-cracked Rock
A	Nonfeature	4000	1	Mano	–	–
B	Bell-shaped pit	9449	–	–	1	2
	Extramural pit	9190	1	Tool material	–	15
		9311	1	Pigment	–	2
		9321	1	Abrader	–	1
		9423	1	Mano	–	1
		9424	1	Caliche	–	1
		9448	1	Metate	2	–
	Extramural pit subtotal		6		2	20
	Nonfeature	7000	2	Mano	–	–
			1	Pestle	–	–
Total			10		3	22

**Table 4.2.** Stratum 506 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rocks were recovered at Las Capas, AZ AA:12:111 (ASM).

Feature Type/ Feature No.	Locus				Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	F	G			
Pit structure							
4282	4	-	-	-	-	1	4228, 4232, 4275, 4280, 4283, 4533
4434	5	-	-	-	1	2	-
4512	-	-	-	-	1	-	4232, 4246, 4280, 4283, 4303, 4307, 4308, 4504, 4507, 4524, 4576
4584	1	-	-	-	-	33	-
7780	-	4	-	-	-	87	7779, 8441, 8610, 8700, 9302
7862	-	2	-	-	2	46	8152, 8995, 9285, 9368
8012	-	1	-	-	-	87	-
8058	-	1	-	-	1	37	8176, 8274, 9437
8059	-	1	-	-	2	178	8046, 8185, 8259, 8481, 8713, 8886, 9196, 9271
8244	-	-	-	-	2	128	8173, 8245, 8995, 9283
8245	-	3	-	-	-	15	8176, 8244, 8259, 8860, 9273
8247	-	1	-	-	-	42	8148, 8176, 8808, 9247
8259	-	-	-	-	1	90	8245, 8059
8417	-	3	-	-	3	95	8152, 9441
8873	-	3	-	-	1	12	-
Pit structure subtotal	10	19	-	-	14	853	
Ramada							
8176	-	1	-	-	1	52	8058, 8245, 8247
Extramural surface							
8610	-	1	-	-	-	49	7425, 7779, 7780, 7908, 7909, 7970, 8441, 8700, 8732, 8839
Inhumation							
8479	-	1	-	-	-	-	-
8580	-	5	-	-	187	-	-
9015	-	-	-	-	1	1	-
9441	-	3	-	-	37	-	8417
Inhumation subtotal	-	9	-	-	225	1	
Bell-shaped pit							
4246	1	-	-	-	-	17	4512
4250	1	-	-	-	-	6	-
4252	1	-	-	-	-	6	-
4267	4	-	-	-	-	18	-
4280	3	-	-	-	-	48	4512
4307	5	-	-	-	-	32	4512
4308	3	-	-	-	-	175	4512
4324	3	-	-	-	-	12	-
4355	1	-	-	-	-	6	-
4356	2	-	-	-	-	92	-
4410	-	-	-	-	2	22	-
4411	-	-	-	-	1	13	-
4504	-	-	-	-	1	13	4512
4507	1	-	-	-	-	12	4512
4530	1	-	-	-	-	15	-
4533	1	-	-	-	-	5	4282

Table 4.2. Continued.

Feature Type/ Feature No.	Locus				Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	F	G			
Bell-shaped pit (cont'd.)							
4560	2	-	-	-	-	8	-
4586	1	-	-	-	-	8	-
4597	2	-	-	-	-	-	-
7383	-	5	-	-	-	5	-
7390	-	2	-	-	-	3	-
7391	-	3	-	-	3	354	-
7394	-	2	-	-	2	1	-
7397	-	2	-	-	-	12	-
7403	-	1	-	-	-	3	-
7412	-	4	-	-	-	90	-
7425	-	2	-	-	-	-	8610
7500	-	1	-	-	-	-	-
7520	-	3	-	-	-	250	-
7549	-	-	-	-	1	27	-
7555	-	1	-	-	-	25	-
7565	-	1	-	-	-	17	-
7568	-	1	-	-	-	15	-
7579	-	1	-	-	-	14	-
7589	-	1	-	-	-	15	-
7602	-	2	-	-	1	26	-
7605	-	1	-	-	-	6	-
7632	-	1	-	-	-	1	-
7661	-	-	-	-	1	2	-
7708	-	1	-	-	-	12	-
7714	-	1	-	-	1	4	-
7725	-	1	-	-	-	12	-
7731	-	1	-	-	1	19	-
7732	-	1	-	-	-	63	-
7733	-	2	-	-	-	14	-
7735	-	3	-	-	2	128	-
7736	-	-	-	-	1	66	-
7771	-	1	-	-	-	79	-
7778	-	2	-	-	-	33	-
7779	-	1	-	-	-	4	8610, 7780
7870	-	1	-	-	-	13	-
7908	-	3	-	-	-	65	8610
7929	-	2	-	-	4	316	-
7930	-	1	-	-	-	67	-
7932	-	2	-	-	-	21	-
7939	-	3	-	-	-	50	-
7940	-	4	-	-	-	18	-
7948	-	2	-	-	-	15	-
7952	-	1	-	-	-	25	-
7955	-	-	-	-	1	7	-
7971	-	-	-	-	1	7	-
8016	-	1	-	-	-	17	-
8024	-	3	-	-	-	33	-
8036	-	1	-	-	-	3	-

Table 4.2. Continued.

Feature Type/ Feature No.	Locus				Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	F	G			
Bell-shaped pit (cont'd.)							
8148	-	1	-	-	-	43	8247
8173	-	4	-	-	-	58	8244
8180	-	1	-	-	1	309	-
8185	-	1	-	-	-	21	8059
8253	-	-	-	-	1	6	-
8274	-	3	-	-	-	31	8058
8284	-	1	-	-	-	44	-
8371	-	1	-	-	-	7	-
8441	-	1	-	-	-	8	7780, 8610
8475	-	1	-	-	-	9	-
8481	-	6	-	-	1	123	8059
8520	-	5	-	-	-	3	-
8533	-	1	-	-	-	30	-
8545	-	1	-	-	-	-	-
8601	-	1	-	-	-	6	-
8668	-	1	-	-	-	7	-
8700	-	4	-	-	-	115	7780, 8610
8713	-	1	-	-	-	3	8059
8796	-	1	-	-	1	67	-
8808	-	3	-	-	-	73	8247
8886	-	1	-	-	-	2	8059
8907	-	1	-	-	-	2	-
8923	-	1	-	-	-	27	-
8928	-	1	-	-	-	27	-
8939	-	2	-	-	-	1	-
8953	-	2	-	-	-	11	-
8955	-	-	-	-	3	6	-
9051	-	1	-	-	-	7	-
9079	-	1	-	-	-	11	-
9144	-	1	-	-	-	62	-
9165	-	-	-	-	1	9	-
9247	-	3	-	-	-	12	8247
9271	-	-	-	-	1	25	8059
9283	-	4	-	-	-	38	8244
9285	-	1	-	-	-	6	7862
9368	-	1	-	-	-	18	7862
9380	-	1	-	-	-	-	-
9385	-	1	-	-	-	-	-
9468	-	1	-	-	-	20	-
23780	-	-	1	-	-	-	-
Bell-shaped pit subtotal	32	133			32	3712	
Extramural pit							
3451	-	-	-	1	-	6	-
4228	-	-	-	-	1	27	4512
4232	1	-	-	-	-	3	4512
4245	1	-	-	-	-	-	-
4259	2	-	-	-	-	-	-
4275	1	-	-	-	-	18	-

Table 4.2. Continued.

Feature Type/ Feature No.	Locus				Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	F	G			
Extramural pit (cont'd.)							
4283	-	-	-	-	1	1	4512
4303	1	-	-	-	-	-	4512
4358	1	-	-	-	2	-	-
4386	1	-	-	-	-	7	-
4398	-	-	-	-	3	8	-
4465	-	-	-	-	1	6	-
4524	-	-	-	-	1	1	4512
4541	-	-	-	-	1	1	-
4576	1	-	-	-	-	-	4512
4642	1	-	-	-	-	-	-
7379	-	3	-	-	-	-	-
7384	-	-	-	-	3	142	-
7415	-	1	-	-	-	6	-
7416	-	1	-	-	-	35	-
7439	-	-	-	-	2	24	-
7445	-	1	-	-	-	2	-
7491	-	1	-	-	-	2	-
7504	-	1	-	-	-	2	-
7566	-	1	-	-	-	6	-
7644	-	1	-	-	-	1	-
7645	-	1	-	-	-	1	-
7664	-	2	-	-	-	6	-
7671	-	-	-	-	1	4	-
7684	-	2	-	-	-	29	-
7789	-	1	-	-	-	-	-
7822	-	1	-	-	-	2	-
7875	-	1	-	-	-	259	-
7909	-	-	-	-	1	9	8610
7970	-	1	-	-	-	-	8610
7992	-	1	-	-	-	-	-
8023	-	2	-	-	1	36	-
8026	-	1	-	-	-	-	-
8028	-	1	-	-	-	15	-
8046	-	1	-	-	-	7	8059
8220	-	-	-	-	2	7	-
8238	-	3	-	-	1	2	-
8249	-	-	-	-	1	-	-
8264	-	1	-	-	1	6	-
8285	-	1	-	-	-	21	-
8495	-	3	-	-	-	6	-
8500	-	1	-	-	-	4	-
8538	-	1	-	-	-	2	-
8567	-	1	-	-	-	2	-
8575	-	-	-	-	1	10	-
8585	-	1	-	-	-	54	-
8589	-	1	-	-	-	42	-
8612	-	1	-	-	-	-	-
8676	-	1	-	-	-	-	-



Table 4.2. Continued.

Feature Type/ Feature No.	Locus				Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	F	G			
Extramural pit (cont'd.)							
8732	-	1	-	-	-	1	8610
8811	-	1	-	-	-	-	-
8834	-	1	-	-	-	-	-
8835	-	1	-	-	-	3	-
8904	-	3	-	-	2	7	-
8909	-	2	-	-	1	-	-
8954	-	1	-	-	-	47	-
8958	-	1	-	-	-	-	-
8995	-	-	-	-	1	14	7862, 8244
9026	-	-	-	-	1	3	-
9075	-	2	-	-	-	-	-
9135	-	1	-	-	-	5	-
9166	-	1	-	-	-	62	-
9196	-	1	-	-	-	10	8059
9302	-	3	-	-	1	4	7780
9370	-	1	-	-	-	1	-
9437	-	1	-	-	-	-	8058
23769	-	-	1	-	-	3	-
23852	-	-	1	-	-	-	-
23860	-	-	2	-	-	-	-
Extramural pit subtotal	10	64	4	1	30	982	
Roasting pit							
7471	-	1	-	-	-	-	-
7474	-	1	-	-	-	43	-
7492	-	-	-	-	3	4	-
7501	-	1	-	-	-	97	-
7538	-	2	-	-	-	50	-
7633	-	1	-	-	-	13	-
7809	-	1	-	-	1	4	-
8070	-	2	-	-	-	26	-
8152	-	-	-	-	1	-	8417, 7862
8677	-	1	-	-	-	1	-
8839	-	1	-	-	3	3	8610
8860	-	1	-	-	-	5	8245
9002	-	1	-	-	1	32	-
9005	-	1	-	-	-	2	-
9072	-	-	-	-	1	12	-
9273	-	-	-	-	1	25	8245
9298	-	-	-	-	1	17	-
23788	-	-	1	-	-	3	-
Roasting pit subtotal	-	14	1	-	12	337	
Total	52	241	6	1	314	5,986	

<sup>a</sup>Associated features are within 3 m and contain ground stone.

**Table 4.3.** Substratum 506.01 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rocks were recovered at Las Capas, AZ AA:12:111 (ASM).

FeatureType/ Feature No.	Locus		Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B			
Pit structure					
4282	4	-	-	1	4228, 4232, 4275, 4280, 4283, 4533
4434	5	-	1	2	-
4512	-	-	1	-	4232, 4246, 4280, 4283, 4303, 4307, 4308, 4504, 4507, 4524, 4576
4584	1	-	-	33	-
7780	-	4	-	87	7779, 8441, 8610, 8700, 9302
7862	-	2	2	42	8152, 8995, 9285, 9368
8012	-	1	-	87	-
8058	-	1	1	37	8176, 8274, 9437
8059	-	1	2	178	8046, 8185, 8259, 8481, 8713, 8886, 9196, 9271
8244	-	-	2	128	8173, 8245, 8995, 9283
8245	-	3	-	15	8176, 8244, 8259, 8860, 9273
8247	-	1	-	42	8148, 8176, 8808, 9247
8259	-	-	1	90	8245, 8059
8417	-	3	3	95	8152, 9441
8873	-	3	1	12	-
Pit structure subtotal	10	19	14	849	
Ramada					
8176	-	1	1	52	8058, 8245, 8247
Extramural surface					
8610	-	1	-	49	7425, 7779, 7780, 7908, 7909, 7970, 8441, 8700, 8732, 8839
Inhumation					
8479	-	1	-	-	-
8580	-	5	187	-	-
9015	-	-	1	1	-
9441	-	3	37	-	8417
Inhumation subtotal	-	9	225	1	
Bell-shaped pit					
4246	1	-	-	17	4512
4250	1	-	-	6	-
4252	1	-	-	6	-
4267	4	-	-	18	-
4280	3	-	-	48	4512
4307	5	-	-	32	4512
4308	3	-	-	175	4512
4324	3	-	-	12	-
4355	1	-	-	6	-
4356	2	-	-	92	-
4410	-	-	2	22	-
4411	-	-	1	13	-
4504	-	-	1	13	4512
4507	1	-	-	12	4512
4530	1	-	-	15	-
4533	1	-	-	5	4282
4560	2	-	-	8	-
4586	1	-	-	8	-
4597	2	-	-	-	-

Table 4.3. Continued.

FeatureType/ Feature No.	Locus		Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B			
Bell-shaped pit (cont'd.)					
7383	-	5	-	5	-
7390	-	2	-	3	-
7391	-	3	3	354	-
7394	-	2	2	1	-
7397	-	2	-	12	-
7403	-	1	-	3	-
7412	-	4	-	90	-
7425	-	2	-	-	8610
7500	-	1	-	-	-
7520	-	3	-	250	-
7549	-	-	1	27	-
7555	-	1	-	25	-
7565	-	1	-	17	-
7568	-	1	-	15	-
7579	-	1	-	14	-
7589	-	1	-	15	-
7602	-	2	1	26	-
7605	-	1	-	6	-
7632	-	1	-	1	-
7661	-	-	1	2	-
7708	-	1	-	12	-
7714	-	1	1	4	-
7725	-	1	-	12	-
7731	-	1	1	19	-
7732	-	1	-	63	-
7733	-	2	-	14	-
7735	-	3	2	128	-
7736	-	-	1	66	-
7771	-	1	-	79	-
7778	-	2	-	33	-
7779	-	1	-	4	8610, 7780
7870	-	1	-	13	-
7908	-	3	-	65	8610
7929	-	2	4	316	-
7930	-	1	-	67	-
7932	-	2	-	21	-
7939	-	3	-	50	-
7940	-	4	-	18	-
7948	-	2	-	15	-
7952	-	1	-	25	-
7955	-	-	1	7	-
7971	-	-	1	7	-
8016	-	1	-	17	-
8024	-	3	-	33	-
8036	-	1	-	-	-
8148	-	1	-	43	8247
8173	-	4	-	58	8244
8180	-	1	1	309	-

Table 4.3. Continued.

FeatureType/ Feature No.	Locus		Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B			
Bell-shaped pit (cont'd.)					
8185	-	1	-	21	8059
8253	-	-	1	6	-
8274	-	3	-	31	8058
8284	-	1	-	44	-
8371	-	1	-	7	-
8441	-	1	-	8	7780, 8610
8475	-	1	-	9	-
8481	-	6	1	123	8059
8520	-	5	-	3	-
8533	-	1	-	30	-
8545	-	1	-	-	-
8601	-	1	-	6	-
8668	-	1	-	7	-
8700	-	4	-	115	7780, 8610
8713	-	1	-	3	8059
8796	-	1	1	67	-
8808	-	3	-	73	8247
8886	-	1	-	2	8059
8907	-	1	-	2	-
8923	-	1	-	27	-
8928	-	1	-	27	-
8939	-	2	-	1	-
8953	-	2	-	11	-
8955	-	-	3	6	-
9051	-	1	-	7	-
9079	-	1	-	11	-
9144	-	1	-	62	-
9165	-	-	1	9	-
9247	-	3	-	12	8247
9271	-	-	1	25	8059
9283	-	4	-	38	8244
9285	-	1	-	6	7862
9368	-	1	-	18	7862
9380	-	1	-	-	-
9385	-	1	-	-	-
9468	-	1	-	20	-
Bell-shaped pit subtotal	32	133	32	3,709	
Extramural pit					
4228	-	-	1	27	4512
4232	1	-	-	3	4512
4245	1	-	-	-	-
4259	2	-	-	-	-
4275	1	-	-	18	-
4283	-	-	1	1	4512
4303	1	-	-	-	4512
4358	1	-	2	-	-
4386	1	-	-	7	-
4398	-	-	3	8	-

Table 4.3. Continued.

FeatureType/ Feature No.	Locus		Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B			
Extramural pit (cont'd.)					
4465	-	-	1	6	-
4524	-	-	1	1	4512
4541	-	-	1	1	-
4576	1	-	-	-	4512
4642	1	-	-	-	-
7379	-	3	-	-	-
7384	-	-	3	142	-
7415	-	1	-	6	-
7416	-	1	-	35	-
7439	-	-	2	24	-
7445	-	1	-	2	-
7491	-	1	-	2	-
7504	-	1	-	2	-
7566	-	1	-	6	-
7644	-	1	-	1	-
7645	-	1	-	1	-
7664	-	2	-	6	-
7671	-	-	1	4	-
7684	-	2	-	29	-
7789	-	1	-	-	-
7822	-	1	-	2	-
7875	-	1	-	259	-
7909	-	-	1	9	8610
7970	-	1	-	-	8610
7992	-	1	-	-	-
8023	-	2	1	36	-
8026	-	1	-	-	-
8028	-	1	-	15	-
8046	-	1	-	7	8059
8220	-	-	2	7	-
8238	-	3	1	2	-
8249	-	-	1	-	-
8264	-	1	1	6	-
8285	-	1	-	21	-
8495	-	3	-	6	-
8500	-	1	-	4	-
8538	-	1	-	2	-
8567	-	1	-	2	-
8575	-	-	1	10	-
8585	-	1	-	54	-
8589	-	1	-	42	-
8612	-	1	-	-	-
8676	-	1	-	-	-
8732	-	1	-	1	8610
8811	-	1	-	-	-
8834	-	1	-	-	-
8835	-	1	-	3	-
8904	-	3	2	7	-



Table 4.3. Continued.

FeatureType/ Feature No.	Locus		Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B			
Extramural pit (cont'd.)					
8909	-	2	1	-	-
8954	-	1	-	47	-
8958	-	1	-	-	-
8995	-	-	1	14	7862, 8244
9026	-	-	1	3	-
9075	-	2	-	-	-
9135	-	1	-	5	-
9166	-	1	-	62	-
9196	-	1	-	10	8059
9302	-	3	1	4	7780
9370	-	1	-	1	-
9437	-	1	-	-	8058
Extramural subtotal	10	61	30	973	
Roasting pit					
7471	-	1	-	-	-
7474	-	1	-	43	-
7492	-	-	3	4	-
7501	-	1	-	97	-
7538	-	2	-	50	-
7633	-	1	-	13	-
7809	-	1	1	4	-
8070	-	2	-	26	-
8152	-	-	1	-	8417, 7862
8677	-	1	-	1	-
8839	-	1	3	3	8610
8860	-	1	-	5	8245
9002	-	1	1	32	-
9005	-	1	-	2	-
9072	-	-	1	12	-
9273	-	-	1	25	8245
9298	-	-	1	17	-
Roasting pit subtotal	-	14	12	334	
Total	52	238	314	5,968	

<sup>a</sup>Associated features are within 3 m and contain ground stone.

**Table 4.4.** Stratum 505 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rocks were recovered at Las Capas, AZ AA:12:111 (ASM).

Feature Type/Feature No.	Locus			Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	B	F	G			
Pit structure						
3396	-	-	2	-	4	3394, 3397
8076	1	-	-	-	35	-
Pit structure subtotal	1	-	2	-	39	
Possible pit structure						
8470	1	-	-	-	38	8343, 8084
Extramural surface						
7977	1	-	-	-	-	-
7977.03	1	-	-	-	-	Bell-shaped pit
8731	1	-	-	-	-	8084, 8343
Extramural surface subtotal	3	-	-	-	-	
Bell-shaped pit						
3325	-	-	-	1	-	-
3526	-	-	1	-	7	-
8084	2	-	-	-	12	8076, 8731
8343	1	-	-	-	18	8076, 8731
8438	1	-	-	-	1	-
23792	-	-	-	-	-	-
23830	-	-	-	-	-	-
Bell-shaped pit subtotal	4	-	1	1	38	
Extramural pit						
3302	-	-	-	1	2	-
3304	-	-	-	1	5	-
3375	-	-	1	-	-	-
3391	-	-	1	-	4	-
3466	-	-	-	1	4	-
3485	-	-	1	-	2	-
7774	2	-	-	-	-	-
8387	1	-	-	-	6	-
8530	1	-	-	-	-	-
8646	1	-	-	-	1	-
9408	2	-	-	-	-	-
23559	-	1	-	-	10	-
23595	-	1	-	-	-	-
23649	-	1	-	-	-	-
23663	-	-	-	2	7	-
23774	-	1	-	-	1	-
23775	-	-	-	1	16	-
Extramural pit subtotal	7	4	3	6	58	
Total	16	4	6	7	173	

<sup>a</sup>Associated features are within 3 m and contain ground stone.

**Table 4.5.** Stratum 504 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rock were recovered at Las Capas, AZ AA:12:111 (ASM).

Feature Type/Feature No.	Locus							Fire-cracked Ground stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	C	D	E	F	G			
Pit structure										
3155	-	-	-	-	6	-	-	5	58	3264, 3349, 3413, 3416
3229	-	-	-	-	14	-	-	23	166	3149, 3251, 3350, 3418, 3424, 3340, 3421
3340	-	-	-	-	3	-	-	6	23	-
3407	-	-	-	-	1	-	-	4	-	-
3431	-	-	-	-	15	-	-	1	-	-
4014	5	-	-	-	-	-	-	-	52	-
4030	1	-	-	-	-	-	-	1	28	4139
4051	0	-	-	-	-	-	-	1	10	4054
4054	1	-	-	-	-	-	-	-	12	4051
7075	-	-	-	-	-	-	-	2	51	-
7245	-	1	-	-	-	-	-	-	23	-
7282	-	1	-	-	-	-	-	-	-	-
12177	-	-	1	-	-	-	-	-	2	-
13218	-	-	-	5	-	-	-	1	8	-
13325	-	-	-	3	-	-	-	1	38	-
13367	-	-	-	10	-	-	-	-	8	-
13475	-	-	-	2	-	-	-	-	75	-
13548	-	-	-	1	-	-	-	-	25	-
13596	-	-	-	2	-	-	-	3	34	-
13771	-	-	-	1	-	-	-	1	65	-
23670	-	-	-	-	-	4	-	-	7	-
Pit structure subtotal	7	2	1	24	39	4	-	49	685	
Possible pit structure										
3106	-	-	-	-	-	1	-	-	-	-
3167	-	-	-	-	-	-	-	1	-	-
Inhumation										
7059	-	2	-	-	-	-	-	-	-	-
12021	-	-	1	-	-	-	-	-	-	-
Extramural surface										
3421	-	-	-	-	3	-	-	-	7	3229, 3350, 3418, 3424
4092	1	-	-	-	-	-	-	4	38	-
14064	-	-	-	1	-	-	-	-	3	-
Extramural surface subtotal	1	-	-	1	1	-	-	4	48	
Bell-shaped pit										
3149	-	-	-	-	1	-	-	-	8	3229
3171	-	-	-	-	-	-	-	4	4	3421
3236	-	-	-	-	1	-	-	1	19	-
3240	-	-	-	-	-	-	-	2	5	-
3243	-	-	-	-	1	-	-	-	15	-
3251	-	-	-	-	1	-	-	-	15	3229
3260	-	-	-	-	-	-	-	2	24	3407
3264	-	-	-	-	-	-	-	1	24	3155, 3407
3333	-	-	-	-	1	-	-	-	20	-
3335	-	-	-	-	1	-	-	2	4	-
3412	-	-	-	-	2	-	-	-	8	-
3413	-	-	-	-	1	-	-	-	7	3155

Table 4.5. Continued.

Feature Type/Feature No.	Locus							Fire-cracked Ground stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	C	D	E	F	G			
Bell-shaped pit (cont'd.)										
3416	-	-	-	-	2	-	-	2	-	3155
3418	-	-	-	-	4	-	-	-	17	3229, 3421
3424	-	-	-	-	2	-	-	1	9	3229, 3421
3427	-	-	-	-	2	-	-	-	10	-
3428	-	-	-	-	-	-	-	2	6	3407
4013	1	-	-	-	-	-	-	-	12	-
4015	4	-	-	-	-	-	-	-	21	-
4140	2	-	-	-	-	-	-	-	3	-
7019	-	5	-	-	-	-	-	3	8	-
12035	-	-	1	-	-	-	-	-	6	-
12063	-	-	5	-	-	-	-	-	-	-
12071	-	-	-	-	-	-	-	1	23	-
12117	-	-	4	-	-	-	-	-	-	-
13398	-	-	-	3	-	-	-	2	52	-
13446	-	-	-	2	-	-	-	2	24	-
13577	-	-	-	-	-	-	-	2	29	-
13627	-	-	-	1	-	-	-	-	6	-
13663	-	-	-	2	-	-	-	-	64	-
13724	-	-	-	-	-	-	-	1	1	-
13799	-	-	-	-	-	-	-	1	7	13584
13809	-	-	-	1	-	-	-	-	26	-
13920	-	-	-	5	-	-	-	-	97	-
14132	1	-	-	-	-	-	-	-	12	-
14309	-	-	-	2	-	-	-	-	4	-
14314	-	-	-	1	-	-	-	-	1	-
Bell-shaped pit subtotal	8	5	10	17	19	-	-	29	591	
Extramural pit										
3014	-	-	-	-	-	-	-	1	-	-
3248	-	-	-	-	1	-	-	2	8	-
3261	-	-	-	-	0	-	-	1	9	3407
3298	-	-	-	-	0	-	-	3	8	-
3334	-	-	-	-	1	-	-	-	1	-
3349	-	-	-	-	1	-	-	-	9	3155
3350	-	-	-	-	1	-	-	-	-	3229, 3421
4139	1	-	-	-	-	-	-	-	-	4030
4151	1	-	-	-	-	-	-	-	1	-
7077	-	2	-	-	-	-	-	-	5	-
7091	-	1	-	-	-	-	-	-	1	-
7193	-	1	-	-	-	-	-	-	-	-
7274	-	1	-	-	-	-	-	-	7	-
12084	-	-	1	-	-	-	-	1	12	-
12087	-	-	1	-	-	-	-	-	2	-
12122	-	-	1	-	-	-	-	-	-	-
12147	-	-	-	-	-	-	-	4	6	-
12207	-	-	-	-	-	-	-	1	2	-
12239	-	-	2	-	-	-	-	2	6	-
13456	-	-	-	-	-	-	-	1	-	-
13465	-	-	-	1	-	-	-	-	-	-

Table 4.5. Continued.

Feature Type/Feature No.	Locus							Fire-cracked Ground stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	C	D	E	F	G			
Extramural pit (cont'd.)										
13479	-	-	-	2	-	-	-	2	40	-
13481	-	-	-	-	-	-	-	1	15	-
13537	-	-	-	1	-	-	-	-	57	-
13661	-	-	-	1	-	-	-	-	5	-
13662	-	-	-	1	-	-	-	-	8	-
13857	-	-	-	1	-	-	-	-	1	-
13899	-	-	-	1	-	-	-	1	33	-
14088	-	-	-	1	-	-	-	-	-	-
14208	-	-	-	-	-	-	-	1	17	-
14253	-	-	-	1	-	-	-	-	-	-
14284	-	-	-	1	-	-	-	-	32	-
14290	-	-	-	1	-	-	-	-	2	-
14304	-	-	-	1	-	-	-	-	2	-
14376	-	-	-	-	-	-	-	1	2	-
23757	-	-	-	-	-	-	1	-	-	-
Extramural pit subtotal	2	4	5	13	4	-	1	22	291	
Roasting pit										
3247	-	-	-	-	2	-	-	3	25	-
3297	-	-	-	-	-	-	-	3	86	3407
3414	-	-	-	-	1	-	-	1	6	-
4052	-	-	-	-	-	-	-	1	6	-
4064	1	-	-	-	-	-	-	1	19	-
7100	-	2	-	-	-	-	-	-	19	-
12242	-	-	1	-	-	-	-	-	-	-
13222	-	-	-	-	-	-	-	1	54	-
13354	-	-	-	1	-	-	-	1	5	-
13505	-	-	-	-	-	-	-	1	8	-
13542	-	-	-	-	-	-	-	1	21	-
13660	-	-	-	-	-	-	-	1	31	-
13805	-	-	-	1	-	-	-	-	-	-
13820	-	-	-	1	-	-	-	-	5	-
13852	-	-	-	-	-	-	-	1	-	-
13880	-	-	-	-	-	-	-	1	20	-
13902	-	-	-	-	-	-	-	1	-	-
14000	-	-	-	1	-	-	-	2	9	-
14225	-	-	-	-	-	-	-	1	-	-
Roasting pit subtotal	1	2	1	4	3	-	-	20	270	
Animal burial										
3432	-	-	-	-	1	-	-	-	-	-
12036	-	1	-	-	-	-	-	-	-	-
Total	19	16	18	59	69	5	1	125	1,885	

<sup>a</sup>Associated features are within 3 m and contain ground stone.



**Table 4.6.** Substratum 504.04 features from which ground stone artifacts and fire-cracked rocks were recovered at Las Capas, AZ AA:12:111 (ASM).

Feature Type/Feature No.	Locus				Total	Fire-cracked Rock
	B	D	F	G		
Pit structure						
13367	–	10	–	–	10	8
13475	–	2	–	–	2	75
23670	–	–	4	–	4	7
Pit structure subtotal	–	12	4	–	16	90
Bell-shaped pit						
7019	8	–	–	–	8	176
Extramural pit						
14376	–	1	–	–	1	2
23757	–	–	1	–	1	9
504/505 Contact						
Extramural pit						
3014	–	–	–	1	1	–
Total	8	13	5	1	27	277

**Table 4.7.** Substratum 504.02 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rock were recovered at Las Capas, AZ AA:12:111 (ASM).

Feature Type/Feature No.	Locus				Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	C	D			
Pit structure							
4030	1	-	-	-	1	28	4139
7245	-	1	-	-	-	23	-
7282	-	1	-	-	-	1	-
12177	-	-	1	-	-	2	-
13596	-	-	-	2	3	34	-
13771	-	-	-	1	1	65	-
Pit structure subtotal	1	2	1	3	5	153	
Inhumation							
12021	-	-	1	-	-	-	-
Animal burial							
12036	-	-	1	-	-	-	-
Bell-shaped pit							
4132	1	-	-	-	-	12	-
4140	2	-	-	-	-	3	-
12035	-	-	1	-	-	6	-
12063	-	-	5	-	-	-	-
12071	-	-	-	-	1	23	-
12117	-	-	4	-	-	-	-
13577	-	-	-	-	2	29	-
13724	-	-	-	-	1	1	-
13920	-	-	-	5	-	97	-
Bell-shaped pit subtotal	3	-	10	5	4	171	
Extramural pit							
4139	1	-	-	-	-	-	4030
4151	1	-	-	-	-	1	-
7274	-	1	-	-	-	7	-
12084	-	-	2	-	-	12	-
12087	-	-	1	-	-	2	-
12122	-	-	1	-	-	-	-
12147	-	-	4	-	-	6	-
12207	-	-	1	-	-	2	-
12239	-	-	4	-	-	6	-
14208	-	-	-	1	-	17	-
14290	-	-	-	1	-	2	-
14304	-	-	-	1	-	2	-
Extramural pit subtotal	2	1	13	3	-	57	
Roasting pit							
12242	-	-	1	-	-	-	-
13805	-	-	-	1	-	-	-
13902	-	-	-	1	-	-	-
14225	-	-	-	1	-	1	-
Roasting pit subtotal	-	-	1	3	-	1	
Other							
12196	-	-	2	-	-	-	-
Total	6	3	29	14	18	382	-

<sup>a</sup>Associated features are within 3 m and contain ground stone.

**Table 4.8.** Substratum 504.01 features from which ground stone artifacts, fire-cracked ground stone, and fire-cracked rocks were recovered at Las Capas, AZ AA:12:111 (ASM).

Feature Type/Feature No.	Locus			Fire-cracked Ground Stone	Fire-cracked Rock	Associated Features <sup>a</sup>
	A	B	D			
Pit structure						
4014	5	-	-	-	52	-
4051	-	-	-	1	10	4054
4054	2	-	-	-	12	4051
7075	-	-	-	2	51	-
13218	-	-	5	1	8	-
13325	-	-	3	1	38	-
Pit structure subtotal	7	-	8	5	171	
Extramural surface						
4092	1	-	-	4	38	-
Inhumation						
7059	-	2	-	-	-	-
Bell-shaped pit						
4013	1	-	-	-	12	-
4015	4	-	-	-	21	-
14309	-	-	2	-	4	-
14314	-	-	1	-	1	-
Bell-shaped pit subtotal	5	-	3	-	38	
Extramural pit						
7077	-	2	-	-	5	-
7091	-	1	-	-	1	-
7193	-	1	-	-	-	-
Extramural pit subtotal	-	4	-	-	6	
Roasting pit						
4052	-	-	-	1	6	-
4064	1	-	-	1	19	-
7100	-	2	-	-	19	-
13852	-	-	-	1	-	-
Roasting pit subtotal	1	2	-	3	44	
Total	14	8	11	12	297	

<sup>a</sup>Associated features are within 3 m and contain ground stone.

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