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Wilson-Leonard An 11,000-year Archeological Record of Hunter-Gatherers in Central Texas Volume III: Artifacts and Special Artifact Studies

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WILSON-LEONARD

**An 11,000-year Archeological Record
of Hunter-Gatherers in Central Texas**

Volume III: Artifacts and Special Artifact Studies

Assembled and Edited by Michael B. Collins

Studies in Archeology 31
Texas Archeological Research Laboratory
The University of Texas at Austin

Archeology Studies Program, Report 10
Texas Department of Transportation
Environmental Affairs Division

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assembled and edited by

Michael B. Collins

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TABLE OF CONTENTS

Volume III

LIST OF FIGURES	vii
LIST OF TABLES	xi
CHAPTER 19: ANALYSIS OF DEBITAGE	
<i>by Marilyn A. Masson</i>	683
Introduction	683
The Focus on Small Flake Analysis	684
Methods of Analysis	684
Attributes	684
Size	684
Type	685
Raw Materials	687
Analytical Approach to Comparing Flake Raw Materials	688
Cortex Types	691
Cortex Patterns	692
Mineral Precipitates	692
Patination	692
Burned Flakes	692
Sample Description	692
Results	693
Size	694
Types	694
Raw Material	695
Cortex Type and Pattern	698
Mineral Precipitates	698
Patination	701
Burned Flakes	701
Summary	701
Directions for Future Research	702
CHAPTER 20: GROUND AND OTHER NONCHIPPED STONE ARTIFACTS	
<i>by Lauren A. Sullivan</i>	703
Introduction	703
Methods	703
Artifact Descriptions	704
Ground Stones	704
Manos	704
Pestle	709
Metates	709
Grinding Basin	711
Stone Pipe	714
Indeterminate Ground Stones	715
Possible Ground Stones	716
Notched and Grooved Stones	716
Notched Stones	716
Grooved Stones	717
Minimally Modified Stones	719
Worked Hematite	719
Worked Slate	719
Discussion	721

CHAPTER 21: MODIFIED BONE AND SHELL

<i>by Leslie C. Shaw</i>	723
Introduction	723
Descriptions of Bone, Antler, and Shell Artifacts	723
Pointed Bones	723
Specimen 173-1	723
Specimen 203-9	723
Specimen 309	723
Specimen 436	724
Specimen 506-6	724
Specimen 583-7	724
Specimen 763-7	725
Specimen 4A-16	725
Specimen 5B-10	725
Specimen 7A-24	725
Specimen 22M-37	725
Specimen 37R1C-10	725
Specimen 51LC-6	726
Tubular Bone	726
Specimen 258-13	726
Miscellaneous Bone Fragments	726
Specimen 323-8	726
Specimen 489-1	726
Specimen 1143-5	726
Specimen 1964-2	726
Specimen TP1A-6	726
Specimen 14X2-2	726
Specimen 15CC1-2	727
Specimen 33CC2A-2	727
Specimen 36D-31	727
Expedient Bone Artifact	727
Specimen 1C-8	727
Antler Artifact	727
Specimen 29R2-16	727
Marine Shell Artifacts	727
Specimen 978-4	727
Specimens 1668-8, 1668-9, 1668-10, 1668-11	727
Specimen 2071-1	728
Interpretations	728
Modified Bone and Antler Artifacts	728
Modified Marine Shell	729

CHAPTER 22: MICROWEAR ANALYSIS OF CHIPPED STONE ARTIFACTS

<i>by Marvin Kay, Dale B. Hudler, Boyce N. Driskell, and Michael B. Collins</i>	731
Introduction	731
<i>by Michael B. Collins</i>	731
An Assessment of Use-wear Traces on Chipped Stone Artifacts	732
<i>by Boyce N. Driskell</i>	732
Methods	733
Results	733
Clear Fork Tools	733
Biface Preforms	734
Projectile Points	734
Perforators/Drills	737
Unifaces	739

Retouched Blade	742
Edge-modified Flakes	744
Blade Core Fragment	744
Conclusions	744
Scratchin' the Surface: Stone Artifact Microwear Evaluation	
by Marvin Kay	744
Project Description	744
Methodology	746
Microwear Results	747
General Observations of Tool Element Microwear	752
Burin Group	758
Gravers	763
Perforators/Drills	764
Unifacial Knives	768
Projectile Points	769
Trends in Form and Function	789
Approaches	789
Discussion	790
Postscript	794
Clear Fork Tool Function: An Approach Centered on Use-Wear	
by Dale B. Hudler	794
Background	794
Study Population	795
Methods	795
Artifact Preparation	795
Use-wear Observations	795
Archeological Tool Observations at No/Low Magnification	795
Macrowear	795
Low-magnification Use Wear	797
Interpretation of Use-wear Visible at No/Low Magnification	798
Replica Program	798
Woodworking Replicas	798
Soft Plant Processing Replica	799
Hide-working Replicas	799
Bone-working Replicas	800
Summary of Replica Use-wear Analysis	800
Archeological Tool Use-wear Observations at High Magnification	801
Domed Polish	801
Smooth Polish	803
Smooth Fuzzy Polish	803
Unpatterned Polish with Fuzzy Margins	804
Interpretation of Use-wear Visible at High Magnification	804
Summary	805

CHAPTER 23: ANALYSES OF RESIDUES ON ARTIFACTS

by W. Jeffrey Hurst, Curt W. Beck, Edith C. Stout, Jonathan Bingham, and Michael B. Collins	807
Introduction	
by Michael B. Collins	807
Analysis of Organic Residues by Gas Chromatography-Mass Spectrometry	
by Curt W. Beck, Edith C. Stout, and Jonathan Bingham	808
Capillary Ion and Amino Acid Analyses of Organic Residues	
by W. Jeffrey Hurst	812
Introduction	812
Sample Preparation	813
Capillary Ion Analysis	813
Amino Acid Analysis	816

Discussion of Results	817
Further Studies	822
REFERENCES CITED IN VOLUME III	825
APPENDIX 1: UNMODIFIED NONLOCAL RAW MATERIALS	
by Sean R. Nash and Michael B. Collins	833
APPENDIX 2: BURNED CLAY	
by Michael B. Collins	841
APPENDIX 3: HISTORIC ARTIFACTS	
by Pamela Headrick	847
APPENDIX 4: LOT NUMBER INDEX	851
APPENDIX 5: PROVENIENCE OF LITHIC ARTIFACTS	871

LIST OF FIGURES

Volume III

19-1. Examples of selected flake types	687
19-2. Density of flakes in TARL excavations	693
19-3. Percentages of flakes by size grades within stratigraphic units	695
19-4. Percentages of selected flake types within stratigraphic units	697
19-5. Percentages of flakes by raw materials within stratigraphic units	700
20-1. Examples of manos with heel facets	704
20-2. Mano Specimen 34NN1D-1	708
20-3. Mano Specimen 34CC2D-2	708
20-4. Mano Specimen 36W-1	709
20-5. "Mano/chopper" Specimen FBU2-1	710
20-6. Mano Specimen 19G-1	711
20-7. Mano Specimen 36*-2	711
20-8. Pestle Specimen 22P-5	712
20-9. Metate Specimen 54-1	714
20-10. Metate Specimen 0-119	715
20-11. Metate Specimen 0-156	716
20-12. Grinding basin Specimen 9T-2	716
20-13. Ground stone pipe Specimen 16C-2	717
20-14. Waco sinkers	719
20-15. Grooved stones	721
21-1. Modified bone artifacts	725
21-2. Tubular bone artifact fragments with incised crosshatched design	727
21-3. Modified marine shell artifacts	728
22-1. Microwear traces on Clear Fork tools	735
22-2. Microwear traces on preforms	736
22-3. Projectile points inspected for use-wear traces	737
22-4. Perforators or drills inspected for use-wear traces	738
22-5. Unifaces inspected for use-wear traces	740
22-6. Unifaces and retouched blade inspected for use-wear traces	741
22-7. Uniface and photomicrograph of use wear	742
22-8. Edge-modified flakes examined for use wear	743
22-9. Graph showing average weight of unused artifacts (NT) and tools (T) examined for use-wear traces	745
22-10. Postdepositional or other taphonomic wear traces on Wilson-Leonard artifacts	748
22-11. Intermediate developed abrasive microwear on dihedral angle burin	756
22-12. Extensively developed abrasive hafting microwear on drill	757
22-13. Invasive arris rounding and striae due to abrasion on unifacial backed knife	757
22-14. Depositional or additive polish on St. Mary's Hall point recycled as knife	758
22-15. Depositional or additive haft polish on Angostura knife point	759
22-16. Burin group tools	759
22-17. Recycled point burins	760
22-18. Unmodified gouging/scraping flakes	761
22-19. Recycled points used as gouging/scraping burins	761
22-20. Depositional or additive unidirectional microwear on dihedral angle sharply pointed chisel burin	761
22-21. Ordered sequence of additive microwear on dihedral angle sharply pointed chisel burin	762
22-22. Additive rotary microwear on recycled Golondrina-Barber point as dihedral angle burin	762
22-23. Microwear on flake tool gouging/scraping burin and blunt point burin	763
22-24. Additive microwear showing a two-motion rocking stroke on radially fractured biface blunt point burin	763
22-25. Additive microwear on gouging/scraping dihedral angle burin	763
22-26. Additive microwear on gouging/scraping burin fashioned from broken parallel-sided lanceolate	764

22-27. Additive microwear on gouging/scraping burin fashioned from a broken Golondrina-Barber point	764
22-28. Additive microwear on gouging/scraping burin fashioned from obtusely angled broken edge	765
22-29. Microwear on unmodified flake gouging/scraping burins	765
22-30. Small splitting wedge abrasive microwear photomosaic	766
22-31. Small splitting wedge microwear	766
22-32. Flake gravers	767
22-33. Flake graver microwear	767
22-34. Flake graver with possible microwear	768
22-35. Perforators/drills analytical group	768
22-36. Broken drill made on a recycled point	769
22-37. Broken bifacial drill	769
22-38. Broken bifacial drill	770
22-39. Unifacial borer additive microwear	770
22-40. Laticework haft microwear on unifacial borer	771
22-41. Microwear on a bifacial knife and an awl	771
22-42. Small unmodified flake knives	772
22-43. Unifacial retouch backed knives	772
22-44. Retouched flake artifacts	773
22-45. Invasive abrasive microwear on small unifacial knives	774
22-46. Abrasive microwear on retouched edge of backed unifacial knife	774
22-47. Reverse sides of a knife point and early Bone Bed point	774
22-48. Additive microwear on obverse side of knife point	775
22-49. Additive microwear on obverse side of early Bone Bed point	776
22-50. Discarded Wilson and Wilson-like projectile points recycled as knives	777
22-51. Wilson additive microwear showing sequential use as projectile point then knife	777
22-52. Recycled and probably discarded Wilson points	778
22-53. Wilson additive microwear showing sequential use as a knife then as a projectile point	778
22-54. Complex additive microwear on haft element for extensively resharpened Wilson point	779
22-55. Additive microwear on Wilson point recycled as scraper	779
22-56. Golondrina-Barber knife points or probable knife point	779
22-57. Golondrina-Barber additive microwear showing sequence of knife then projectile point usage	780
22-58. Golondrina-Barber additive microwear for which projectile point-knife sequence could not be established	780
22-59. Parallel-sided lanceolate knives and St. Mary's Hall projectile points	781
22-60. Parallel-sided lanceolate knife with additive microwear and repair after breakage	781
22-61. St. Mary's Hall haft microwear showing secondary effects of sequential use	782
22-62. Angostura knife points	782
22-63. Angostura knife point invasive additive use-wear	783
22-64. Thrall projectile points	784
22-65. Thrall projectile point additive use-wear	784
22-66. Thrall projectile point additive microwear	785
22-67. Thrall projectile point additive microwear showing haft striae abrasive particles in earlier impact striae	786
22-68. Retouched flake preforms	787
22-69. Retouched flake preforms	788
22-70. Average measurements for microwear groups	791
22-71. Average edge angles for microwear groups	792
22-72. Trends in average blade edge angles for Paleoindian points	793
22-73. Trends in average weight for Paleoindian points	793
22-74. Trends in average proportional ratios for Paleoindian projectile points	793
22-75. Trends in average proportional ratios for Paleoindian knife points	793

22-76.	Flake tool prior to and after acid cleaning	797
22-77.	Polish in two different spots on replica tool GG7	799
22-78.	Polish from soft plant processing on replica tool GH1	799
22-79.	Polish from hide working on replica tool GG9	800
22-80.	Bone polish just beginning to develop on replica tool GG1	800
22-81.	Domed polish development on six specimens	802
22-82.	Smooth polish on two specimens	803
22-83.	Smooth fuzzy polish on Specimen 39FF-2	804
22-84.	Unpatterned polish with fuzzy margins on Specimen 16G-7	804
23-1.	Total ion chromatograms, Specimens OR379, OR388, OR741, and OR396	809
23-2.	Total ion chromatograms, Specimens OR405, OR525, OR575, and OR398	810
23-3.	Organic residues by artifact form, M-S component	810
23-4.	Electropherogram of selected anion standards	814
23-5.	Electropherogram of artifact Specimens OR41, OR372, OR540, and 9T-2	814
23-6.	Electropherogram of artifact Specimens OR629, OR588, 33Y1D-2, and OR614	815
23-7.	Electropherogram of anion standards and artifact Specimens OR689, OR648, and OR69	815
23-8.	Electropherogram of artifact Specimens OR376, OR460, and 7F-5	816
23-9.	Electropherogram of artifact Specimens OR439 and 16C-2	816
23-10.	Chromatogram of amino acid standards	817
23-11.	Amino acid profile for Specimen 9T-2	818
23-12.	Amino acid profile for Specimen OR540	818
23-13.	Amino acid profile for Specimen 16C-2	819
23-14.	Amino acid profile for Specimen OR614	819
23-15.	Amino acid profile for Specimen BU2-1	820
23-16.	Amino acid profile for Specimen OR710	820

LIST OF TABLES **Volume III**

19-1. Flake types and their principal attributes	686
19-2. Material classifications of Wilson-Leonard flakes	689
19-3. Percentages of flakes by screen size for each stratigraphic unit	694
19-4. Percentages of flakes by types for each stratigraphic unit	696
19-5. Percentages of flakes by raw materials for each stratigraphic unit	698
19-6. Percentages of flakes by categories of fluorescence for each stratigraphic unit	699
19-7. Percentages of flakes by cortex type and by cortex pattern for each stratigraphic unit	700
19-8. Mineral precipitation, patina, and burning in percentages	701
20-1. Attributes and distribution of manos, mano fragments, and mano/hammerstones	706
20-2. Attributes and distribution of metates and metate fragments	713
20-3. Attributes and distribution of indeterminate ground stones	717
20-4. Attributes and distribution of possible ground stones	718
20-5. Attributes and distribution of notched and grooved stones	720
20-6. Worked hematite and slate	721
21-1. Provenience of modified bone and shell	724
22-1. Microwear codes and categories	748
22-2. Microwear analysis specimen inventory	749
22-3. Microwear analysis results for unmodified flakes	753
22-4. Microwear analysis results for retouched flakes	754
22-5. Microwear analysis results for burins	754
22-6. Microwear analysis results for perforators/drills	755
22-7. Microwear analysis results for projectile points	755
22-8. Inventory of Clear Fork tools examined for microwear	796
22-9. Edge-damage flaking termination type by tool bit face	797
22-10. Replica tool use-wear summary	801
22-11. Frequency of use-wear types by polish groups	802
23-1. Provenience and amounts of organic residue samples	809
23-2. Fatty acid distribution on 19 artifacts	811
23-3. Mass spectra of three unidentified components	812
23-4. Organic residue samples: provenience and techniques used	813
23-5. Summary of CIA results	817
23-6. Summary of amino acid residue results	821
A1-1. Raw material frequencies by stratigraphic unit	836
A1-2. Intersite distribution of selected materials	838
A2-1. Dauber nests by provenience and observed hardness	844
A3-1. Historic artifacts recovered by square and level	849
A4-1. Lot number index for TxDOT excavations	853
A4-2. Level key for TxDOT excavations	853
A4-3. Lot number index for TARL excavations	854
A4-4. Key to TARL organic residue lots by sample number	867
A5-1. Provenience of lithic artifacts by square and level	873

CHAPTER 19

ANALYSIS OF DEBITAGE

by Marilyn A. Masson

INTRODUCTION

Due to the large number of flakes present at most archaeological sites, their analysis represents a costly and time-consuming undertaking for archeological projects of finite resources. Previous conscientious efforts at quantifying and describing large samples of flakes have been criticized for their lack of interpretive value and high cost (Black 1993), and this class of data is often underanalyzed in favor of lithic artifacts that are more chronologically or functionally diagnostic. Debitage analysts themselves (Ahler 1989; Nash 1980:377; Shott 1994) have criticized the high costs and low benefits of individual flake analysis and measurement, which can result in such predictable inferences as "flake size is related to core size." However, it does not follow from shortcomings in the history of flake analysis that flakes should not be studied. Rather, approaches must be designed that strive to gather information relevant to the anthropology of prehistory; the essential requirement is good context (Collins 1993). Shying away from flake analysis may be convenient but can result in an unfortunate loss of valuable information. After all,debitage often represents the most comprehensive and abundant class of artifacts found at many archaeological sites (Shott 1994:71), and the linkages betweendebitage attributes and knapping behavior are well established (Bradley 1975; Collins 1975; Crabtree 1972; Muto 1971; Newcomer 1971; Shafer 1969; Speth 1972).

Flaking debris from culturally meaningful contexts is the most fruitful for analysis. Brief intervals of activity are represented by thedebitage from sites such as Yellow Hawk (Mallouf 1989), each of the components at Agate Basin and Sheaman (Bradley 1982), and Hanson (Frison and Bradley 1980), and its careful study reveals details of behavior not obtainable from any other source. In less-constrained assemblages, flaking debris is the source only of more-generalized information (as, for example, at the Bull Pen site [Ensor and Mueller-Wille 1988]). Two reasonably tightly

constraineddebitage assemblages are represented at the Wilson-Leonard site, that of the Wilson component and that of the earliest Paleoindian components. The remainder of the sequence affords moderately constrained cultural contexts that warrant only the generalized level of analysis reported here.

This chapter presents the results of an analysis performed on a sample of 37,933 flakes recovered in the TARL excavations at the Wilson-Leonard site. The objective was to discern general trends in choices of raw materials, on-site activities of manufacturing and refurbishing, technological variation, as well as postdepositional modification ofdebitage from cultural and natural processes. To insure more-precise temporal control, samples were drawn and interpretations reported only in terms of natural stratigraphic contexts rather than from the cultural constructs that embody additional interpretive iterations. The comparative purpose of this analysis dictates that each sector of the sample be treated in the same manner, and those geologic units containing the Wilson and early Paleoindian components are so treated. Additional behavioral interpretations ofdebitage from the Wilson and early Paleoindian cultural components are presented in Chapters 8 and 7, respectively. Results of thedebitage analysis are integrated with data on the other classes of chipped stone artifacts (cores, unifaces, edge-modified flakes, bifaces, projectile points, etc.) from a technological perspective in Chapters 7-10.

It should be noted that the term "debitage" is employed here in the Americanized sense to refer to flaking debris rather than in the French usage which denotes the act of flaking (Marois et al. 1997:31-32). In the pages that follow are presented the following topics: (1) discussion of the small sizes of most of the flakes analyzed; (2) methods of analysis; (3) detailed description of the attributes studied; (4) discussion of the sample; (5) presentation of the results; and (6) some suggestions for the direction of future studies.

THE FOCUS ON SMALL FLAKE ANALYSIS

Small flakes (generally less than 1 inch [2.5 cm] in maximum dimension) prevail in this sample as a result of two procedures that were followed in the TARL field and laboratory phases of this project. First, in the field, virtually all large objects found in place were extracted untouched and sealed up for organic residue analysis (the OR sample); many of these OR objects are flakes. Second, in the laboratory, a distinction was made between "modified" and "unmodified" flakes based on visibly evident presence or absence of edge modification; a majority of larger flakes had modified edges and were analyzed as tools (see Chapter 17). In addition, a portion of small flakes exhibit microscopic evidence for use wear (see Chapter 22).

The finding of use wear on small flakes carries important implications for the frequent analytical disregard of small-sized flaking debris in the archeological record of Texas and beyond. It is common for flakes to be separated from "tools" in the categorization and investigation of artifactual remains (Shott 1994:70). The microscopic evidence for frequent utilization of Wilson-Leonard flakes, which would not have been observed macroscopically, implies that traditional distinctions made between flakes and tools may result in substantial underrepresentation of tools.

Small flakes are subject to far less movement in the cultural system than are larger flakes. Small flakes tend to remain at the locus of knapping whereas larger flakes are subject to removal for use. Thus, among materials recovered in the excavated area of the Wilson-Leonard site, small flakes can more confidently be inferred to represent on-site knapping than can large flakes, which may have been detached elsewhere and brought to the site as tools. Conversely, those larger flakes that were actually detached in the excavated area could reasonably be expected to have been taken away as tools and, therefore, not show up in the recovered assemblages. These advantages to analyzing small flakes are somewhat offset by the fact that larger flakes often are more expressive of distinctions in knapping behavior than are small flakes.

The focus on small flakes in this chapter is also due to the use of 1/8-inch screens in TARL excavations (see Chapter 5). Use of small-mesh screens resulted in the collection of larger numbers of flakes smaller than would have been recovered using only the more-traditional (1/4 inch) screen size. As a result of this collection strategy, over half of the sample of "unmodified" flakes examined in this analysis are smaller than 1/4 inch.

METHODS OF ANALYSIS

This study, then, is concerned with almost 40,000 flakes that (1) are from secure geologic contexts, (2) were collected on 1/8-inch screens, (3) do not exhibit macroscopic modifications, and (4) are not set aside for residue analysis. Flakes

and flake fragments with platforms ("flakes") were analyzed. Flake fragments and other small pieces of chert lacking platforms ("shatter") were not analyzed. These aspects of the sample are consistent throughout the site sequence and, therefore, provide a valid, though obviously limited, basis of comparison.

The flake analysis was designed to collect as much information on procurement, technology, use, and postdepositional impacts as possible. The direct measurement of flakes was avoided, as this is a time-consuming process of negligible contribution to the issues under investigation. Flake size, the first variable recorded in the analytical procedure, was determined through quantifying debris in standardized geologic sorting screens of progressive sizes. Cortex pattern was recorded according to categories of 100%, 1-99%, or 0% on the dorsal surface. Presence/absence observations were made on carbonate, patina, and heat alteration.

Additional attributes reflect qualitative observations of significance to project research problems; these include flake type, flake raw material, and cortex type. The approach designed in this study is in many ways specific to the needs and interests of the Wilson-Leonard site investigations and is philosophically in line with Shott's (1994:69) observation that "the best approaches (to flake analysis) assume rather than demonstrate a relationship between behavior and formal variation." The analytical procedures and criteria for each of these variables are discussed below.

ATTRIBUTES

Size

Flake sizes were determined by screening each bag through geological screens of 1/8-inch, 1/4-inch, 1/2-inch, and 1-inch sizes (note that these standard English-system screen-size designations have been maintained in this chapter; their metric equivalents would be 0.32 cm, 0.64 cm, 1.28 cm, and 2.56 cm, respectively). This approach was patterned after Stahle and Dunn (1982) and Ahler (1989) in order to facilitate comparisons. Platform-bearing flakes were then sorted from those without platforms, following Shafer (1979). The latter were counted, weighed, and recorded as "shatter." The shatter was not analyzed to avoid recording attributes (material, cortex, etc.) of the same flake more than once. This approach had its price, particularly in the Paleoindian levels, when it was clear that some individual pieces of "shatter" represented raw materials distinct from those observed among the platform-bearing flakes.

The four screen fractions of platform-bearing flakes were bagged separately and labeled according to fraction. Shatter was returned loose to the original lot bag, and the four screened fraction bags were folded and placed into the original bag as well. In this manner, the entire debitage sample was kept together for each lot number, and time-consuming

labeling and handling of fractions was avoided.

For analysis, flakes of each screen size were laid out, one screen size at a time, according to typological classification. "Types" were laid out according to raw material at the same time as they were classified. Cortex, patina, carbonate, and heat observations were recorded last, as they occurred in low frequencies. Flakes were placed in rows of even numbers for easy counting. Data were entered directly into a Paradox spreadsheet, with one record per flake. Data entry was expedient as it was possible to enter multiple records at once for flakes with identical attributes.

Flakes were examined under long- and short-wave ultraviolet light to identify those that did not fluoresce. The identification of Edwards Plateau chert can be assisted by its property of fluorescence under such a light (Hofman et al. 1991). Raw materials that do not fluoresce can thus be tentatively identified as deriving from non-Edwards sources or as having been severely heat altered. This observation is primarily true for cherts that have not been subjected to heat alteration or cherts of dark color. Some black cherts of the Edwards Plateau, such as Owl Creek Black, do not fluoresce. This characteristic of Owl Creek Black was originally noted by Charles Frederick (personal communication 1994) and was confirmed empirically in this study. Other black Edwards cherts do fluoresce, however.

Type

Flake types identified in this analysis (Table 19-1) represent qualitative categories designed to measure variability in lithic technology over time. Initially, 26 types were tentatively defined; of these, 12 proved to be too infrequent to be meaningful or were found to represent indistinct points along a continuum. These types were deleted from the analysis by combining closely similar groups. The original code numbers assigned to the 14 retained types have not been changed. Few highly diagnostic flake types specific to any period of time were found. Descriptions of flake types and meaningful fluctuations among basic categories are examined below; examples of selected flake types are illustrated in Figure 19-1.

The most frequently identified types are normal flakes, dorsal-troughed flakes, exploded-bulb flakes (Figure 19-1a), parallel "pressure" flakes (Figure 19-1b), and bifacial edge trimming or resharpening flakes (thin [Figure 19-1c] and thick [Figure 19-1d]). Normal flakes were highly variable, and this category represents a residual classification of "other" flakes lacking diagnostic attributes assignable to the types listed above. Flakes classified as normal include many that probably are related to primary reduction activities, due to their irregular proportions.

Dorsal-troughed flakes were liberally defined for this analysis and include any flake with a single concave flake scar that extended from the platform across the dorsal surface of the flake. They broadly resemble sequent flakes but

do not derive from the same technology. Sequent flakes, as originally defined, refer to a specific technology for the removal of a series of nearly identical flakes off of an edge (e.g., Collins 1974). Sequent flake removal generally refers to larger flakes, such as those that were removed from samples analyzed here due to their edge-modified status (see Chapter 17). For small flake analysis, dorsal-troughed flakes were defined by their pronounced dorsal concavity created by a proximal-to-distal scar. In this analysis, very small dorsal-troughed flakes are found in the 1/8-inch category. They are thought to be closely related to other edge thinning/sharpening flakes and parallel-edged flakes.

Exploded-bulb flakes identified in this analysis are all very small in size (falling through 1/4-inch mesh and trapped in the 1/8-inch fraction). As defined in this study, they exhibit a negative bulb concavity on the dorsal surface and a pronounced convex ventral surface with an extremely prominent bulb that is crescent shaped in cross section. Superficially, they resemble notching flakes (Austin 1986), but they did not always have an indentation on the platform as described by Titmus (1985:251). They are almost round and are of nearly equal length and width dimensions. These flakes resemble the negative impressions that are left by the terminal flake in the notch of deeply notched bifacial artifacts. The definition of exploded-bulb flakes in this analysis may include flakes that originated from a variety of late-stage processes of lithic reduction as well as from notching activities.

Parallel-edged flakes were originally considered in this analysis as late-stage pressure flakes due to their thin cross section, small bulb of percussion, and small platform area. However, flintknapping experimentation by Collins (summer 1994) using a hard-hammer percussor created many flakes of this nature as well. Parallel-edged flakes are still thought to represent final-stage tool shaping or resharpening activities, but flintknappers of skill can apparently remove them with either hard- or soft-hammer implements.

Bifacial edge-trimming or resharpening flakes (thin and thick) are common in the assemblages. The thin group is most often leaf shaped, with tapering proximal and distal ends and length about twice the dimension of the width. The dorsal surface exhibits multiple shallow scars from well-executed flaking. These flakes are thin overall and exhibit gradual and symmetric proximal-distal ventral curvature. Thick bifacial edge-trimming flakes are thicker especially toward the proximal end on the dorsal side behind the platform. They are often wider than they are long but exhibit the same well-developed dorsal scarring. These flakes may represent earlier stages of bifacial reduction or the manufacture/resharpening of bulkier tool forms such as choppers.

Other flake types are absent or infrequent, including channel, bifacial thinning (Figure 19-1g), leg-assisted pressure, and edge collapse. Blade and "flake blades" (Figure 19-1i) are also uncommon. Channel flakes were not identified in the TARL sample of analyzed flakes.

TABLE 19-1
Flake Types and Their Principal Attributes

Type	Attributes
Normal	Platform-bearing flakes of irregular dimensions that could not be further classified; often thick, many may be related to primary reduction.
Biface thinning	Thin, outflaring with feather termination; slight ventral concavity; moderate bulb; narrow platform; well-developed dorsal scarring.
Dorsal troughed	Dorsal surface dominated by a single large flake scar originating at the platform; somewhat resembles sequent flakes.
Exploded bulb	Generally circular in shape due to extreme bulb protuberance and resultant dorsal concavity; ventral surface is highly convex; flakes usually <1/4 inch in diameter. Superficially resemble notching flakes.
Parallel edged	Small and rectangular in shape with parallel lateral edges and thin cross section; well-developed dorsal scarring; generally <1/4 inch in size. Resembles biface thinning and smaller version of thin edge trimming flakes.
Thin edge trimming	Moderate sized, leaf shaped with feather termination; cross section is thin. Well-developed dorsal flake scars may be present; resembles small biface-thinning flake.
Thick edge trimming	Thick cross section and short length often nearly equal to width; likely related to late stage manufacturing, thick biface trimming.
Flake blade	Length greater (2X or more) than width; thin, sometimes with well-developed parallel longitudinal dorsal ridges, slight ventral concavity.
Microflake	Small, lacks dorsal scarring but has platform; possibly related to notching process and/or fine trimming.
Edge bite flake	Includes both faces of biface lateral edge section as the platform; product of manufacturing error.
Core fragment	Larger sections or "chunks" bearing scars of flake removal; includes core tablets, or sections removed to rejuvenate platform of unidirectional cores.
Leg-assisted pressure	Elongate, tongue-like, parallel-sided flakes that are straight in cross section.
Manufacturing error	Aberrant with declivities or other indicators of unsuccessful removal; variable.
Unifacial resharpening	Exhibits remnants of a unifacially edge-modified margin that has been removed to rejuvenate the tool.

Core tablets, core platform preparation flakes, and various core fragments were noted in passing, but they do not represent a quantitatively viable sample as most core fragments were removed from the debitage samples prior to the analysis. A comprehensive analysis of core technology is provided elsewhere in this report (see Chapter 18).

Most bifacial thinning flakes were also removed prior to flake analysis, as they were visibly modified (see Chapter 17). Leg-assisted pressure flakes (Figure 19-1f), as defined by Weber (1994), include elongate, tongue-like, parallel-sided, straight in cross-section flakes that are particularly associated with Bell-Andice manufacture. However, flakes of this description are present in low numbers throughout all analysis units.

Edge-bite or edge-collapse flakes (Collins 1974) are simply those in which both surfaces of the lateral edge of the biface were removed as the platform and are thought to be a manufacturing error (Figure 19-1h). Blades also are noted in

many analysis units in low numbers, including "true blades" with dorsal scars from previous blade removals and "flake blades" which exhibit other varieties of dorsal scarring (Figure 19-1i). Unifacial resharpening flakes (Figure 19-1e) are not present in large numbers; the various technologies involved in the unifacial rejuvenation process are discussed in Chapter 17. These infrequent forms are lumped together in the analysis below due to their low number and lack of evidence in most samples of a true blade technology, with the exception of the lowest component (see Chapter 7). Blades were not recovered in abundance in any deposit at the site, and only a few fragments of blade cores were found. Many blades identified in this analysis were microblades of around 2 cm in length.

Due to the low numbers and sampling issues described above for infrequent flake types, the discussion of flake classification results below focuses on commonly identified types. Any other patterns of significance are mentioned as merited.

FIGURE 19-1. Examples of selected flake types. (a) exploded bulb; (b) parallel-edged; (c) thin edge trimming; (d) thick edge trimming; (e) unifacial resharpening; (f) leg-assisted pressure; (g) biface thinning; (h) edge bite; (i) flake blade.

Raw Materials

Most material types classified in this analysis are based on flakes and projectile points from the site. These are constellations of variables relating to color, texture, cortex, and other visible attributes and do not necessarily correspond to geologic patterns of occurrence (Banks 1990). Flake raw materials were initially sorted using a selected sample of large flakes from TxDOT excavations. Great difficulty was encountered separating the colors of local "Georgetown" gray, brown, and tan cherts, as combinations of these colors can be exhibited on single large flakes. However, consulta-

tion with Glenn Goode, who donated examples of local chert samples he has collected from localities in or near north Austin, Round Rock, and other parts of Williamson County (as well as most other chert sources in the state), clarified some of the distinctions ultimately recorded in this analysis. Further consultation was undertaken with Charles Frederick, who collected chert samples from across the Edwards Plateau (Frederick and Ringstaff 1994) and donated comparative examples of cherts from Fort Hood to the project.

The origin of many types of nonlocal Edwards cherts is unknown, as orange, honey, and various brown translucent cherts were not recognized in Frederick's roadside collection

from across the Plateau. The origins of a few nonlocal Edwards cherts are known, such as the excellent-quality “root beer” chert that Goode identifies from Kimble County. Low numbers of cherts like those from Fort Hood were identified at the Wilson-Leonard site. Such types include the moderate- to coarse-grained mustard colored cherts and the well-known Owl Creek Black (Frederick and Ringstaff 1994). Some of the coarse grays identified at Wilson-Leonard might also be from the vicinity of Fort Hood (resembling those shown in Trierweiler 1994:Appendix C, Plate 2, center row), but this is difficult to ascertain from a sample of one or two flakes. However, comparable cherts can be obtained within walking distance from the Wilson-Leonard site, such as the moderate- to coarse-grained Walnut Creek tan and the MacNeil black cherts (Glenn Goode, personal communication 1994).

According to Goode, the MacNeil limestone quarry is 3 miles south of Round Rock and extends north almost to RR 620. The chert colors grade from bluish black to jet black (coded as 2b) to cloudier gray and can have gray, brown, or white inclusions (coded as type 30 in this analysis). The chert occurs in patches of flat cobbles about 10-20 feet below the surface. Goode notes that access to it would be difficult except for erosional opportunities. He observes that Sam Bass Black chert occurs north of RR 1431, north of Brushy Creek very near the Wilson-Leonard site. It occurs at or near the surface and would have been easily accessible. Both types of black chert were observed at the site. The Sam Bass Black chert is translucent and can have banded impurities. This type was classified as 2a in this analysis.

Goode notes two coarser-grained varieties that include New Parmer tan and Walnut Creek (at Parmer Lane). These yellow/tan cherts correspond to types 1b and 5 in this analysis. Goode notes that finer grades of this chert appear to the north toward the Gault site area. Type 1b appears in gradations of fine to coarse in the flake samples, but more frequently it was used for the manufacture of heavier bifacial tools (see Chapter 16). In addition to gradations that took place in the ground, 1b appears to become more fine grained when subjected to heating or possibly to long-term soil moisture conditions at the site. Its raw form near the site, however, leans more toward coarse rather than fine, and it is analyzed here as a medium- to coarse-grained chert.

Georgetown blacks and grays occur, according to Goode, near and below the surface. They have been spotted north of RR 1431 in the Texas Crushed Stone quarry. These cherts are classified as 1c (dark gray), 1 (gray), 2a (black translucent), and 2b (jet black) in this analysis. The local blacks are not identified to quarry sites in this analysis due to the difficulty of doing this accurately with one flake at a time. Instead, they are subsumed under the 2a and 2b categories.

Even greater difficulty was encountered in classifying “exotic” chert forms, including both ultraviolet fluorescent Edwards and nonfluorescent non-Edwards. The primary problem was that a single flake had to be used to define a new material type, and the analysis was inhibited by the

inability to determine variability within raw material sources. This difficulty has been partially overcome in the interpretation of results below, in which all “honey”-colored cherts (for example) are tabulated together as well as being listed separately. Analyzing the cores was not helpful in identifying exotic raw materials, as most of the cores were made either of high-quality or coarse-grained local cherts. Occasionally, projectile points and bifaces were found (see Chapters 13 and 16) that were made of materials not represented in over 100 material types classified among the flakes. In this event, additional raw material classifications were added. All of this is compounded in some raw materials that seem to have changed color over time through postdepositional processes.

As a result of detailed recording of flake materials, several general patterns can be observed. The “Georgetown” chert group (including Round Rock, MacNeil, etc.) has long been considered one of the finest chert sources in the world. Due to the exceptional quality of this chert, it understandably dominates Wilson-Leonard assemblages of all periods and probably represented a resource that populations in this area exchanged with other groups.

Chert from the north Austin and neighboring areas enjoys international renown. Francois Bordes (personal communication to Michael B. Collins 1973) claimed that the “Georgetown” chert was of such fine quality that it did not need to be heat treated, and evidence from this analysis and others suggests that it was generally not intentionally heated prior to flintknapping (with a few exceptions). Raw materials identified from the Wilson-Leonard site flakes are listed in Table 19-2. Most (but not all) heating appears fortuitous and postdepositional. Among this group of cherts (Types 1 and 2), Types 1a, 1c, 1, 2a, and 2b are finer grained and were used in the manufacture of thinner tools with more-acute edge angles (e.g., see Chapter 13). Pink fluorescent types are occasionally thought to be heat affected versions of Type 1. Types 1b and 5, of a coarser grain, commonly were used to make thicker bifacial tools (e.g., Clear Fork tools) with larger edge angles that probably suffered heavier impacts (see Chapter 15). Other less common but regularly occurring cherts are the orange group, the brown group, and the honey group. The chert-type reference collection used in this study is housed at TARL.

Analytical Approach to Comparing Flake Raw Materials

In addition to color and texture of raw materials, the classification attempts to distinguish raw material sources on a very broad scale, including highly local (Edwards) cherts, nonlocal types of Edwards cherts, and non-Edwards cherts. The degree of use of each of these categories may be related to the amount of group mobility or to networks of exchange. Although it is often possible to ascertain where materials originated and at what stage of reduction they

TABLE 19-2
Material Classifications of Wilson-Leonard Flakes

Numeric Code	Fluorescent Property	Description
Highly Local Cherts		
1	fluorescent	fine-grained gray/brown waxy
1a, 31	fluorescent	fine-grained gray/brown with amber tones
1b	fluorescent	fine-grained brown/tan/cream
1c	fluorescent	fine-grained dark gray/brown, grades into 2a
2	fluorescent	fine-grained gray/dark gray
2a	fluoresces weakly or not at all	fine-grained very dark gray/translucent black
2b, 26a, b	fluoresces weakly or not at all	fine-grained jet black, waxy, not translucent
19	fluorescent	fine-grained type 1 with cortex-related patina
30	fluorescent	fine-grained gray speckled translucent, resembles MacNeil quarry blue/gray cherts in Wilson-Leonard chert collection
33	nonfluorescent	fine-grained black with glass-like patina, burned
62, 86	fluorescent	fine-grained brown mauve
63	fluorescent	fine-grained brown translucent, stream worn cortex
Nonlocal Central Texas Edwards Plateau Cherts		
3	fluorescent	fine-grained "root beer" brown/maroon, from western Gillespie, Kimble, and Menard counties (Glenn Goode, personal communication)
4	fluorescent	fine-grained tan/green waxy
5	fluorescent	coarse-grained mustard or tan/cream
6	fluorescent	fine-grained purple/green with faint impurities, resembles Gault site chert
7	fluorescent	medium-grained brown/yellow
9	fluorescent	medium-grained brown/gray with marked impurities, resembles Colorado River cherts (Glenn Goode, personal communication)
15	fluorescent	green-brown translucent
25	fluorescent	fine-grained opaque pink with interior cortical bands
35a	fluorescent	medium-grained speckled yellow
35b	fluorescent	fine-grained opaque white with interior cortical bands
41	nonfluorescent	fine-grained burned orange
41b	fluorescent	fine-grained burned orange
42	nonfluorescent	fine-grained orange pink
43, 43b	fluorescent	fine-grained orange marbled
47a	fluorescent	fine-grained orange pink banded
47b	fluorescent	fine-grained orange pink swirled
47c	fluorescent	fine-grained orange pink plain
48	fluoresces weakly or not at all	fine-grained black with white speckles, resembles "Owl Creek Black" cherts identified at Fort Hood
105	fluorescent	medium-grained mustard, nontranslucent, resembles cherts identified at Fort Hood (Charles Frederick, personal communication)
Nonlocal Edwards Cherts with Speckled Impurities		
54	fluorescent	coarse-grained orange with black flecks, semitranslucent
55	fluorescent	coarse-grained tan with black flecks, semitranslucent
83	fluorescent	medium-grained white speckled (Williams point 14D-1 only)
90	fluorescent	fine-grained mud brown with cream-colored impurities (Wilson point 28Y2D-2)
92	fluorescent	fine-grained gray with splotchy impurities
93	fluorescent	fine-grained "trout" green speckled with red tinges (St. Mary's Hall point 28W2C-1)
94	fluorescent	fine-grained waxy speckled (Angostura point 25R1-1)
110	fluorescent	medium-grained white with black speckles
Nonlocal Edwards Pink Types		
57, 59, 60	fluorescent	fine-grained cloudy pink with or without red flecks
65	fluorescent	fine-grained clear pink/orange with red specks, "salmon" color
66	fluorescent	fine-grained pink/blue/gray with dark splotches
69	fluoresces weakly	fine-grained mottled pink
73	fluorescent	fine-grained pink/gray mottled with maroon bands
73b	nonfluorescent	fine-grained pink/gray mottled with maroon bands
112	fluorescent	fine-grained pink patinated with black speckles

Table 19-2, *continued*

Numeric Code	Fluorescent Property	Description
80	fluorescent	coarse-grained mustard color with black flecks
80b	fluorescent	fine-grained mustard color with black flecks
Nonlocal and Non-Edwards Gray Types		
37	nonfluorescent	coarse-grained light blue gray
38	nonfluorescent	coarse-grained gray with white flecks
39	nonfluorescent	coarse-grained gray slate-like chert with mottling
44	fluorescent	coarse-grained light blue gray
51a	nonfluorescent	medium-grained metallic gray
51b	fluorescent	medium-grained blue metallic gray
84	fluorescent	fine-grained waxy gray with impurities
85	fluorescent	fine-grained white and orange with rust speckles
95	fluorescent	coarse-grained creamy gray with conglomerate inclusions (Nolan point 22H-2)
109	nonfluorescent	fine-grained gray conglomerate
120	fluorescent	fine-grained gray with large white blotches
121	fluorescent	fine-grained gray speckled, looks like 25 but gray, not yellow
Nonlocal and Non-Edwards Honey-colored Types (Waxy)		
22, 52b, 58, 64	fluorescent	fine-grained honey translucent
52a, 64b	nonfluorescent	fine-grained honey translucent
28	nonfluorescent	fine-grained honey-red translucent
20, 23	fluorescent	fine-grained mustard yellow
20b	nonfluorescent	fine-grained mustard yellow
20c	nonfluorescent	fine-grained mustard yellow with many impurities, grades from speckled to nontranslucent tan
71	fluorescent	fine-grained honey with red band
72	fluorescent	fine-grained amber with red streak inclusions
119	fluorescent	fine-grained red translucent
Nonlocal Edwards White Types		
29	fluorescent	fine-grained milky, nontranslucent white
29b	fluorescent	fine-grained milky, nontranslucent white with yellow veins (Hoxie point 28S1-1)
Nonlocal and Non-Edwards Miscellaneous Coarse-grained Types		
11	nonfluorescent	coarse-grained tan brown with marbled streaks
12	nonfluorescent	coarse-grained tan brown without marbling
13	nonfluorescent	coarse-grained dark gray
61	nonfluorescent	coarse-grained rust
74a	fluorescent	coarse-grained honey, light
74b	fluorescent	coarse-grained honey, dark
87	fluorescent	coarse-grained mauve with marble-like polish
116a	nonfluorescent	coarse-grained yellow, stream-worn cortex
116b	nonfluorescent	coarse-grained reddish tan, heated or burned version of 116a
116c	nonfluorescent	coarse-grained dark mauve, heated or burned version of 116a
Nonlocal and Non-Edwards Unusual Patinated Types		
8	fluorescent	medium-grained chalky patinated
10	nonfluorescent	fine-grained pink mottled patinated
24	fluorescent	coarse-grained red speckled patinated
53	fluorescent	fine-grained blue-hued patinated
118	fluorescent	fine-grained yellow patinated
Quartzite or Quartz		
14	nonfluorescent	coarse-grained red quartzite
14b	nonfluorescent	coarse-grained green quartzite
21	fluorescent	coarse-grained marbled quartz, resembles Alibates in coloring but reflects differently (observed on one point only)
45	nonfluorescent	fine-grained translucent quartz crystal
68	fluorescent	medium-grained light gray quartz blend
76	nonfluorescent	medium-grained marbled quartzite blend

Table 19-2, *continued*

Numeric Code	Fluorescent Property	Description
79	fluorescent	coarse-grained white quartz
89	fluorescent	medium-grained gray quartz
108	fluorescent	medium-grained greenish quartz
113	nonfluorescent	medium-grained pink quartz crystal
125	fluorescent	coarse-grained white
Nonlocal and Non-Edwards Rare Types		
18	nonfluorescent	limestone
36	nonfluorescent	fine-grained dark brown/black translucent
40	nonfluorescent	fine-grained chestnut translucent
40b	fluorescent	fine-grained chestnut translucent
46	fluorescent	fine-grained gray banded translucent
49	nonfluorescent	fine-grained brown translucent
50	nonfluorescent	fine-grained brown with red streaks, nontranslucent
56	fluorescent	mudstone
67	nonfluorescent	fine-grained burned orange nontranslucent, stream-worn cortex
70	fluorescent	fine-grained brown banded
75	fluorescent	fine-grained black and white banded, only white part reflective
77	fluorescent	fine-grained milky orange
78	fluorescent	fine-grained cloudy "peach" orange
81	nonfluorescent	medium-grained orange
82	nonfluorescent	fine-grained "coffee" black
88	nonfluorescent	medium-grained muddy orange
88b	fluorescent	medium-grained muddy orange
91	nonfluorescent	medium-grained rusty black
96	fluorescent?	medium-grained "liver" brown with black inclusions (Bulverde point 16E-3)
97	fluorescent	fine-grained purple nontranslucent
98	fluorescent	fine-grained yellowish white swirled chalcedony, semitranslucent
99	fluorescent	coarse-grained tan
100	nonfluorescent	coarse-grained rust
101	fluorescent	fine-grained gray with blue areas, patinated
102	fluorescent	fine-grained slate-like brown/mauve, homogeneous, nontranslucent
103	fluorescent	fine-grained marble-like patinated white
104	fluorescent	coarse-grained pink
106	nonfluorescent	green and red banded
107	nonfluorescent	medium-grained mottled brick
111	fluorescent	coarse-grained peach/gray
114	fluorescent	fine-grained orange/pink haze with orange cortex, resembles types 42, 43, 47
115	fluorescent	fine-grained cream with orange flecks
116	fluorescent	fine-grained peach chalcedony (see thin uniface 34EE1C-2)
117	fluorescent	medium-grained brown/gray mottled with rust spots
126	fluorescent	fine-grained petrified wood, reddish brown (see thin uniface 32HH2B-2)
127	nonfluorescent	coarse-grained olive drab, looks like 39 but olive colored (see core 20S-6)

were generally brought to the site, it has proven difficult to infer whether acquisition was by members of the local group or through exchange with other groups (Meltzer 1989).

Table 19-2 lists the fluorescent and nonfluorescent raw materials recognized through the flake and, in a few cases, the tool analyses. As noted above, certain postdepositional processes, such as burning, may have skewed fluorescent properties of particular specimens, and in such cases, the assignment of a local versus non-Edwards classification is more difficult.

Material types are also evaluated according to their grain. The frequency of fine-grained materials versus coarse-grained materials is compared in the subsequent analysis to

determine the relationship of raw materials to other aspects of the technology. Dial (see Chapter 15) has noted that coarser materials were used to make Clear Fork and other heavy bifacial tools, while finer materials are chiefly reserved for thin hafted bifaces (probably used as projectile points and knives). The following analysis of flakes according to this fine/coarse dichotomy is designed to complement the tool analysis.

Cortex Types

Classifications of cortex types include nodular, upland residual, stream battered, and undetermined. Nodular cortex

was identified by its soft, white, relatively unweathered appearance. It possibly represents chert sources that were quarried from buried contexts (such as cutbanks) or sources that were only recently exposed to the elements. Upland-residual cortex was defined in this analysis as that which exhibits a weathered appearance, consists of eroded white desilicified rind with red or brown stains, and is thought to have been acquired from open exposures. Stream-battered cortex has a heavily damaged and often a lustrous surface. The soft white desilicified rind is no longer present, and the cortex is usually stained brown. Many flakes with cortex were classified as undetermined, due to their small size and the even smaller patch of cortex exhibited on them. Distinguishing upland residual from nodular was particularly difficult for eroded cortex on small flakes and was not attempted.

Cortex Patterns

Cortex was recorded as a percentage of occurrence as well as by location—edge cortex and platform cortex, which may represent specific strategies of core reduction. The use of 0%, 1-99%, and 100% increments was useful (following Muto 1971), as many platform-bearing flakes were broken and lacked the distal half. These classifications did not require guessing what percentage would have covered the missing end of the flake. Although there are many different variations on quantifying the amount of dorsal cortex in debitage analysis (Masson 1989:46), Muto's (1971) scheme assumes that flakes completely covered in dorsal cortex are most likely to be related to primary production. As finished tools can still have cortex on them, arbitrary divisions between 1% and 99% cortex to assess stage of production may be misleading.

Mineral Precipitates

A considerable number of artifacts (including chipped stone tools, flakes, and ground stones) from the Wilson-Leonard site had mineral precipitates adhering to them. The occurrence of significant precipitates on flakes was recorded in this study. On some, only a thin veneer or a spot or two of precipitates were observed, and these were not recorded. Recorded precipitates were those exhibiting a thick veneer or a sizable patch on the dorsal or ventral surface of the flake. The location of precipitates was not recorded nor were distinctive patterns. It is thought that these precipitates may be related to flake use or to depositional context.

Patination

Patinated flakes are relatively rare in the debitage collection from the Wilson-Leonard site, and their frequency does not correlate with stratigraphic age. Patinated flakes are most common in Unit II. They are less frequent in the early Paleoindian levels than in the Late Archaic deposits.

This pattern may be related to rate of deposition, and the rapid aggradation that occurred in Unit I stratigraphy (see Chapter 6) may have prevented flakes from undergoing the patination process. Many flakes exhibit a thin, spotty patina related to proximity to cortex. These flakes were recorded as material Type 19, described above. Flakes with distinctive, thick, well-formed patina are rare and are likely to be of nonlocal materials. For tabulating patina, cortex patina (Type 19) was not included. Experiments by Frederick et al. (1994:38) on cherts from Fort Hood have determined that patina is related to variables of soil chemistry or surface exposure and does not always correspond to artifact age.

Burned Flakes

Many flakes at the site were heated, but few were visibly burned. Heat alteration of flakes recorded in this analysis refers to burned flakes, which exhibit signs such as crackling, crazing, potlidding, or distinctive discoloration such as red or black. The term "heating" is used in the analysis to mean that flakes most likely were inadvertently exposed directly to heat either during use or through proximity after discard, and these were not tabulated as burned.

Most flakes at the site exhibit no evidence for intentional heat treatment to enhance flintknapping attributes. A significant amount of local materials may have been inadvertently exposed to heat, as waxy green (material Type 4) or gray (material Type 1) turn pink when heated. Such heating must have occurred at relatively low temperatures or under buffering conditions, as signs of burning (such as crazing or potlidding) are not present.

Heated flakes (and projectile points, see Chapter 13) were often affected in only a portion of their surface area, which facilitated the identification of the original color and the changes brought by heat alteration. However, the effects of heating are thought to have complicated the material type identifications described above. Heating also alters the fluorescent properties of local cherts, eliminating it entirely in cases of extensive heating. Thus, identification of "nonlocal" based on lack of fluorescence can be misleading if an artifact was heated but is not visibly burned. Material classification attempted to compensate for this pitfall through the creation of heat-altered categories such as pink chert.

Causes for burning are not known with any certainty. At any time fires are burning, flakes could get into the fire through either intentional or unintentional human actions. Alternatively, wherever a fire was built, it may have heated flakes at or near the surface in the fireplace. Once subjected to heat, such flakes could be dispersed when hearths were cleaned out or disturbed.

SAMPLE DESCRIPTION

A sample of 37,933 flakes with platforms was analyzed. These flakes were collected from the TARL excavations in 1/8-

inch screens as described above. As stratigraphic Units I and II (and their contact zones) consist of archeological deposits that were less dense than Unit III (Figure 19-2), all of the platform-bearing flakes of Units I and II were analyzed. Of 5,813 flakes and chips recovered in Unit I, all 1,938 (33.3%) platform-bearing flakes were analyzed. Of 41,492 flakes and chips recovered in Unit II, the entire sample of 13,411 (32.3%) platform-bearing flakes was also analyzed. The much larger number of flakes and chips in Unit III made it necessary to analyze a subset of the debitage from this deposit. Of 139,551 flakes and chips recovered in Unit III, 22,584 (16.2%) flakes with platforms were analyzed.

The proportion of platform-bearing flakes to chips was consistent in each of these stratigraphic units and their contact zones. The percent of broken flakes is reflected in the amount of shatter versus platform bearing flakes found within each stratigraphic unit. A remarkable degree of consistency was observed among the units, which generally had around 70% shatter (distal flake ends, chips, chunks) and 30% flakes with platforms (proximal ends and complete) in the samples examined. In Units I (33.3%), II (32.3%), and III (31.4%), just over 30% of the debitage consisted of flakes with platforms. This observation suggests that taphonomic processes affecting these flake assemblages were not significantly altering the number of platform-bearing flakes among different depositional units.

Flakes analyzed from Unit III included those from TARL Squares 12 and 20 (1/8-inch fraction from the Vertebrate Paleontology columns) in addition to samples of flakes from other areas in the TARL excavations (see percentages listed below). The analysis resulted in the examination of 11.3% (n=5,708) flakes with platforms from Unit IIIa (of a flake and chip sample of 50,672), 18.4% (n=3,001) platform flakes from Unit IIIa/b (of 16,353 flakes and chips), 13.7% (n=3,588) platform flakes from Unit IIIb (of 26,187 flakes and chips), 41.8% (n=7,884) of Unit IIIb/c platform flakes (of 18,865 flakes and chips), and 8.7% (n=2,403) platform flakes from Unit IIIc (of 27,474 flakes and chips). Totals given for flakes and chips by Unit III analysis units include only those in units and levels selected for analysis.

RESULTS

The results of flake analysis presented below are organized according to the attributes of size, type, raw material, cortex type and pattern, mineral precipitates, and heat alteration. The analysis of each variable is diachronic, emphasizing patterning in stratigraphic Units I, II, and III and the several transitional deposits. The summary discussion at the end of this chapter comments on relationships among variables within the analysis units and their interpretive potential for procurement, technological, and depositional patterns.

FIGURE 19-2. Density of flakes in TARL excavations.

There are significant differences in the absolute numbers of flakes recovered from Units I, II, and III and their various transitional proveniences; also, density of flakes (all flakes divided by total volume excavated per stratigraphic provenience) increases dramatically in Unit III (see Figure 19-2). These data reflect the relative contribution of natural to cultural depositional rates in the formation of this site. In regard to the interpretive discussion that follows, the reader is reminded that 100% of the flakes and flake fragments with platforms recovered from Unit I were analyzed, which means that the small counts for some categories are somewhat more significant than they would be if drawn as a sample from a larger collection.

Size

Throughout the sequence, this data set is dominated by 1/8-inch flakes, followed by 1/4-inch flakes (Table 19-3). The 1/2-inch and especially the 1-inch size categories are comparatively infrequent. Except in Unit Isi-c where they constitute more than 60% of the flakes, 1/8-inch flakes in Unit I generally amount to around 50-55%. In Unit II and its transitional zones, these small flakes make up about 53-57% of the samples. Their proportions are highest in Unit III, ranging from ca. 64-71%. It is not clear what may account for this trend of increasing numbers of small flakes over time, but more common on-site edge trimming or refurbishing may be indicated.

Frequencies of 1/4-inch flakes range from a high of 40.0% in Unit Id to a low of 22.1% in transitional Unit IIIb/c, but no trends are apparent. Flakes in the 1/2-inch category show their highest frequencies of occurrence (12.3% to 16.7%) in the lower facies of Unit I (Icl, Isi, and Igl and their transitional zones). There are too few flakes in the 1-

inch size category for meaningful interpretation.

In summary, flakes of the 1/2-inch and 1-inch dimensions are generally present in constant proportions through most of the units observed (Figure 19-3). Unit Isi-c exhibits a notable increase in 1/8-inch flakes relative to 1/4-inch flakes that distinguishes it from other Paleoindian contexts and makes it comparable to Unit IIIa. This is of particular interest given the "Archaic" character of the Wilson component found in Unit Isi-c. In general, small flake size frequencies increase over time, expressed primarily as a changing ratio of 1/4-inch to 1/8-inch flakes (see Figure 19-3).

Types

Fourteen types of flakes are of primary concern in this analysis (Table 19-4). These are dominated throughout the sequence by "normal" flakes which occur in frequencies from a low of 44.4% in the lower transitional zones of Unit II to a high of 67.5% in Unit Id. There is a fairly consistent frequency of normal flakes in the Unit III subdivisions, ranging from ca. 51% to 57%. Lower in the sequence in Units II and I, the proportion of normal flakes ranges from near 44% to near 68% without showing any clear trends. Biface thinning flakes are noticeably infrequent in this data set primarily because they generally have been removed from the sample because of evidence for modification.

The most distinctive trend is among dorsal-troughed flakes that are comparatively frequent (from 10% to 15%) below Unit Isi-c, a little less frequent (from 5% to 9%) in the upper part of Unit I and the lower contact of Unit II, and consistently less frequent than 5.6% in Units II and III. The significance of this trend is not known since the behavioral correlates of such flakes are unclear.

TABLE 19-3
Percentages of Flakes by Screen Size for Each Stratigraphic Unit

Stratigraphic Context	Screen Size				Total No. Analyzed
	1/8-inch (%)	1/4-inch (%)	1/2-inch (%)	1-inch (%)	
IIIc	68.8	24.3	6.0	0.9	2,403
IIIb/c	70.0	22.1	7.2	0.7	7,884
IIIb	63.7	25.2	9.8	1.3	3,588
IIIa/b	57.7	31.2	10.0	1.2	3,001
IIIa	71.0	22.7	5.9	0.4	5,708
II/IIIa	57.0	32.0	9.8	1.3	7,048
II	52.9	35.7	10.3	1.2	4,918
Id/II, Isi-c/II	56.4	34.1	8.1	1.4	1,445
Id	50.0	40.0	10.0	0.0	80
Isi-c/Id	53.0	35.8	9.0	2.2	321
Isi-c	61.1	27.4	10.5	1.0	679
Isi-c/Icl/Isi	51.8	36.6	10.4	1.2	508
Icl	47.8	33.3	16.7	2.2	90
Isi/Icl	50.9	35.8	12.3	0.9	106
Isi	52.8	32.6	13.5	1.1	89
Igl&Igl/Isi/Icl	55.4	29.2	15.4	0.0	65

FIGURE 19-3. Percentages of flakes by size grades within stratigraphic units.

Proportions of thin edge-trimming flakes in the samples do not vary greatly throughout the sequence but are most frequent in Unit Isi-c and least frequent in Unit Id and all of Unit III. Thick edge-trimming flakes are infrequent in all of the analysis units, but are slightly more common in Isi-c and Id. The production and maintenance of thin edge-trimmed tools is inferred from these flakes.

It was anticipated that exploded-bulb flakes might include a significant number of notching flakes and that they might correspond to notching technologies (especially with Bell/Andice bifaces) later in the site's history. In general, however, these are present in such low percentages that such comparisons are rendered invalid. Likewise none of the rest of the flake types occurs in sufficient frequencies to indicate meaningful patterns.

A comparative chart of selected flake types demonstrates certain patterns (Figure 19-4). Dorsal-troughed and parallel-edged flakes are significant only in lower units of the site. In general, these categories and thick edge-trimming flakes are in such low frequencies that they do not inform on technological variation at the site. Parallel-edged flakes were quantified with the expectation that they would correlate to Paleoindian removal of such flakes in the production of lanceolate bifaces. Although in low percentages, the higher occurrence of parallel-edged

flakes in Paleoindian levels seems to confirm this expectation.

Changing proportions of normal flakes to thin edge-trimming flakes (see Figure 19-4) may also represent significant inter-unit technological variation. Normal flakes represent an informal, nonstandardized technology that is more closely related to earlier manufacturing stages than late-stage thin edge-trimming flakes. With this assumption in mind, Figure 19-4 suggests that increased on-site early-stage manufacturing debris is recovered in transitional units immediately below Unit Isi-c and in Id. As these units do not represent well-isolated cultural components, the interpretation of this pattern is problematic. However, the debitage present in these deposits generally derives from Late Paleoindian occupations. On a broad level, it is thus possible to say that more normal flakes are found at the upper extreme of Unit I compared to subsequent recoveries from Units II and III.

Raw Material

Raw materials show some significant variation over time at the site (Table 19-5). Highly local, fine-grained Edwards chert makes up almost 72% of the material in Unit Isi, but only 48% in Igl and its transitional zones and less

TABLE 19-4
Percentages of Flakes by Types for Each Stratigraphic Unit

[illegible]

FIGURE 19-4. Percentages of selected flake types within stratigraphic units.

than 57% in Icl and the Isl/Icl transitional zone. Throughout the remainder of the sequence, this material makes up anywhere from 70-77% of each sample. The other fine-grained Edwards varieties are fairly frequent in the lower part of Unit I (from 18-37%) and in Unit Id (20%) but elsewhere are consistently less than 11% (and even less than 8% in all but the deposits above IIIa). Low sample sizes are thought to account for greater variability in some Unit I deposits. Highly local, medium-grained and coarse-grained Edwards cherts are low in frequency in Unit I (from 1.1-8.4%), moderate in frequency in Unit II (9.8%), and slightly more frequent in Unit III (ca. 12-15%). When frequencies of all fine-grained cherts are compared to those of all coarse-grained cherts, an increased abundance of the coarser cherts as a whole shows up in Units IIIa, IIIa/b, and IIIb. This pattern may be related to the occurrence of bifacial Clear Fork tools of coarse material which peaks in Unit IIIa (see Chapter 15).

One factor that is difficult to assess is the extent to which groundwater staining may have altered the appearance of some highly local Edwards chert types in Unit I creating some spurious "types" that have been tabulated as "other fine-grained Edwards cherts" in this analysis. Quartzite flakes appear in very small numbers in Unit II and its two

transitional zones whereas quartz flakes—also very infrequent—are most noticeable in Icl and Isl-c with its transitional zones. Three quartz flakes were noted in Unit II and one in Unit IIIc.

In their response to ultraviolet irradiation (Table 19-6), the cherts show patterns somewhat different from those based on observations made in normal light, probably due to the effects of staining or burning. Because of the staining problem just mentioned and the inherently more-subjective nature of observing chert colors and textures, fluorescence may be taken as the more reliable indicator of Edwards chert in most cases. Overall, fluorescent cherts exceeded 97% of every sample from Unit Id upward and from Unit Icl. They were also somewhat frequent in Igl and its transitional zones (92.2%), Isl (95.3%), and transitional zone Isl-c/Icl/Isl (91.8%). In contrast, three analysis units showed lower total occurrences of fluorescence; Isl-c/Id (89.0%), Isl-c (89.8%), and Isl/Icl (87.9%). Fluorescent local tan chert accounted for more than 83% of the sample in all of Units II and III, but varied in frequency from ca. 54-82% in the facies of Unit I. Green chert is less than about 3% of all samples except the following: Id (7.5%), Icl (14.4%), Isl/Icl (7.5%), Isl (11.2%), and Igl and its transitional zones (7.7%). The fluorescent variety referred to as "mustard or

TABLE 19-5
Percentages of Flakes by Raw Materials for Each Stratigraphic Unit

Stratigraphic Unit	Total of Fine Cherts	Highly Local Edwards, Coarse	Non-Edwards Coarse	Total of Coarse Cherts	Quartz and Quartzites	Total No. Analyzed
IIIc	85.3	14.2	0.5	14.7	0.1	2,403
IIIb/c	85.9	13.2	0.9	14.1	0.0	7,884
IIIb	83.1	15.9	1.0	16.9	0.0	3,588
IIIa/b	86.4	13.1	0.5	13.6	0.0	3,001
IIIa	87.0	12.1	0.9	13.0	0.0	5,708
II/IIIa	87.5	11.4	1.1	12.5	0.1	7,048
II	89.6	9.8	0.6	10.4	0.2	4,918
Id/II, Isi-c/II	89.4	9.9	0.7	10.6	0.1	1,445
Id	92.4	6.3	1.3	7.6	0.0	80
Isi-c/Id	89.1	8.4	2.5	10.9	0.3	321
Isi-c	90.9	8.4	0.7	9.1	0.4	679
Isi-c/Icl/Isi	92.5	7.1	0.4	7.5	0.2	508
Icl	94.5	4.4	1.1	5.5	1.1	90
Isi/Icl	93.4	5.7	0.9	6.6	0.0	106
Isi	98.9	1.1	0.0	1.1	0.0	89
Igl&Igl/Isi/Icl	93.8	6.2	0.0	6.2	1.5	65

honey" is very infrequent from Unit Id upward (consistently 1.2% or less); it is modestly frequent in Isi (5.6%), Isi-c/Icl/Isi (4.5%), and Isi-c (4.6%); and it is relatively frequent in Igl and its transitional zones (26.2%), Isi/Icl (14.2%), and Icl (20.0%). Fluorescent nonlocal gray does not occur in Unit I but appears fairly consistently in very low frequencies throughout Units II and III (none in Unit IIIa/b). One flake of fluorescent white chert was noted in Unit Icl and in Unit Id, but this material is otherwise absent from Unit I; it ranges from 2.2 to 6.6% in the samples from Units II and III. Fluorescent yellow is found only in Units II and III, and then in frequencies of less than 0.5%.

Generally the nonfluorescent cherts occur in such low frequencies that patterns are not discernible, but the orange variety and the brown variety each has a slight spike in Isi/Icl. "Other" varieties are more common in Unit I than in either Unit II or Unit III. This finding makes sense considering the high quality of locally available cherts. The relationship between fluorescent cherts and settlement/mobility or range of procurement/exchange is unclear. Conceivably, nonlocal Edwards raw materials could have been obtained from sources as remote as, or more remote than, some of those nonfluorescing non-Edwards materials. Much further work is needed to more specifically identify raw material source areas.

In summary, the only dramatic fluctuations observed in raw materials occur in Unit I deposits that have low sample sizes, such as Isi/Icl, Icl, and Id (Figure 19-5). The remainder of the units exhibit a high usage of fine, locally available raw materials with a slight increase in coarse-grained chert over time in Unit III.

Cortex Type and Pattern

Cortex type could be determined on relatively few of the total flakes examined (usually less than about 5%), and in most cases, even when the specimens with indeterminate cortex are included, the occurrences are less than about 12% (Table 19-7). Nodular cortex is more common in all of Unit I than in Units II or III, having its highest frequency (10.1%) in Unit Isi. Upland-residual cortex occurs in low frequencies throughout the sequence and is equal to or higher than percentages of nodular cortex in Units Icl/Isi/Isi-c and higher through Unit IIIc. In fact, upland residual cortex is the dominant cortex form observed in Units II and III.

Cortex pattern is heavily dominated by flakes lacking any cortex (from 77.5% to 93.8%) (see Table 19-7). Noncortex flakes are slightly more characteristic of Units II and III than they are of Unit I. Primary cortex flakes, those with 100% cortex coverage, are infrequent in the entire sequence, reaching highs of 3.8% in Unit Id and 3.4% in Unit Isi. Flakes with cortex platforms or edges are not common at Wilson-Leonard.

Mineral Precipitates

Mineral precipitates are infrequent in Unit IIIa and in the transitional zone, II/IIIa (Table 19-8). Flakes with adhering mineral precipitates are comparatively frequent from Unit II downward through transitional Icl/Isi/Isi-c except in Units Icl and Isi/Icl. The frequency is also fairly high in Units Isi, Igl, and the Igl transitional units. Since these precipitates developed after the flakes were deposited, they

TABLE 19-6

Percentages of Flakes by Categories of Fluorescence for Each Stratigraphic Unit

Stratigraphic Unit	Fluorescent Materials														Nonfluorescent Materials							Total No. Analyzed
	Local Tan/ Brown/ Gray/ Black	Brown	Green	Orange	Mustard/ Honey	Pink	Non-local gray	White	Pati- nated	Quartz	Banded	Yellow	Other	Total	Orange	Gray	Honey	Misc. Coarse	Brown	Other	Total	
IIIc	85.4	1.5	2.9	0.1	0.9	1.7	0.2	5.6	0.2	0.0	0.0	0.2	0.3	99.1	0.0	0.2	0.0	0.4	0.0	0.0	0.8	2,403
IIIb/c	83.2	2.2	1.8	0.1	0.3	3.6	0.2	6.6	0.0	0.0	0.3	0.0	0.5	99.0	0.0	0.5	0.0	0.4	0.0	0.0	1.1	7,884
IIIb	86.6	1.3	1.7	0.0	1.2	1.5	0.3	5.1	0.3	0.0	0.2	0.3	0.2	98.8	0.0	0.3	0.0	0.8	0.0	0.0	1.3	3,588
IIIa/b	86.9	3.5	3.1	0.1	0.8	1.6	0.0	2.5	0.2	0.0	0.2	0.0	0.1	99.2	0.1	0.3	0.0	0.3	0.0	0.0	0.7	3,001
IIIa	89.2	2.5	1.6	0.2	0.5	1.7	0.3	2.2	0.0	0.0	0.2	0.2	0.2	98.8	0.2	0.5	0.0	0.5	0.0	0.0	1.2	5,708
II/IIIa	87.5	2.2	1.3	0.4	1.0	2.3	0.2	2.5	0.2	0.0	0.2	0.2	0.2	98.2	0.2	0.3	0.2	0.8	0.1	0.1	1.7	7,048
II	86.7	1.5	1.6	0.4	1.0	2.2	0.2	3.7	0.2	0.0	0.2	0.4	0.3	98.5	0.2	0.3	0.2	0.4	0.2	0.2	1.5	4,918
Id/II, Isi-c/II	86.4	1.3	1.1	0.6	1.2	2.8	0.4	3.9	0.1	0.0	0.2	0.4	0.5	98.9	0.1	0.1	0.0	0.6	0.0	0.1	1.0	1,445
Id	77.5	11.3	7.5	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	97.6	1.3	0.0	0.0	1.3	0.0	0.0	2.6	80
Isi-c/Id	82.2	0.3	0.6	0.0	3.1	1.6	0.0	0.0	0.0	0.3	0.0	0.0	0.9	89.0	0.6	1.2	0.0	1.2	0.0	7.8	10.8	321
Isi-c	78.9	1.3	2.4	1.3	4.6	0.6	0.0	0.0	0.0	0.4	0.0	0.0	0.3	89.8	0.1	0.1	0.0	0.7	0.0	9.1	10.0	679
Isi-c/Icl/Isi	82.3	0.0	1.6	1.8	4.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	91.8	0.4	0.4	0.4	0.2	1.2	5.7	8.3	508
Icl	55.6	2.2	14.4	1.1	20.0	1.1	0.0	1.1	0.0	1.1	0.0	0.0	1.1	97.7	0.0	1.1	0.0	0.0	0.0	1.1	2.2	90
Isi/Icl	62.3	0.9	7.5	1.9	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	87.7	2.8	0.9	0.9	0.0	2.8	4.7	12.1	106
Isi	73.0	2.2	11.2	0.0	5.6	2.2	0.0	0.0	0.0	0.0	1.1	0.0	0.0	95.3	0.0	0.0	0.0	0.0	1.1	3.4	4.5	89
Igl&Igl/Isi/Icl	53.8	1.5	7.7	0.0	26.2	1.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	92.2	0.0	0.0	0.0	0.0	1.5	6.2	7.7	65

FIGURE 19-5. Percentages of flakes by raw materials within stratigraphic units.

TABLE 19-7

Percentages of Flakes by Cortex Type and by Cortex Pattern for Each Stratigraphic Unit

Stratigraphic Unit	Cortex Type					Cortex Pattern					Total No. Analyzed
	Nodular	Upland Residual	Stream-battered	Undetermined	Total No. Analyzed	No Cortex	1-99%	100%	Edge	Platform	
IIIc	1.5	2.8	0.5	7.4	293	87.8	6.6	0.7	2.4	2.5	2,403
IIIb/c	0.8	3.4	0.5	6.3	864	89.0	6.1	0.7	2.1	2.0	7,884
IIIb	0.6	3.7	0.4	4.5	332	90.7	5.1	0.7	1.8	1.7	3,588
IIIa/b	0.5	5.0	0.3	3.6	282	90.6	5.2	0.8	1.7	1.7	3,001
IIIa	0.5	4.5	0.3	3.2	482	91.6	4.8	0.7	1.5	1.5	5,708
II/IIIa	1.2	4.8	0.2	3.2	664	90.7	4.6	0.7	2.6	1.4	7,048
II	1.1	5.5	0.4	2.9	488	90.1	5.3	0.8	1.9	1.9	4,918
Id/II, Ist-c/II	0.7	4.2	0.0	3.0	115	92.0	4.4	0.6	1.5	1.4	1,445
Id	2.5	1.3	0.0	1.3	4	93.8	1.3	3.8	0.0	1.3	80
Ist-c/Id	2.5	5.3	0.6	3.4	38	88.2	6.9	1.6	1.6	1.9	321
Ist-c	2.7	3.7	0.6	4.6	78	88.5	6.2	0.7	3.4	1.2	679
Icl/Ist-c/Ist-c	3.5	3.5	0.2	3.5	55	89.2	6.5	0.4	2.4	1.6	508
Icl	4.4	1.1	0.0	12.2	16	82.2	8.9	2.2	2.2	4.4	90
Ist-c/Icl	4.7	0.9	0.9	3.8	11	88.7	6.6	0.9	0.9	2.8	106
Ist-c	10.1	2.2	0.0	10.1	20	77.5	13.5	3.4	3.4	2.2	89
Igl&Igl/Ist-c/Icl	3.1	0.0	0.0	9.2	8	87.7	7.7	1.5	1.5	1.5	65

primarily reflect pedogenic processes; however, in the case of some artifact classes, there is evidence that cultural processes are also at work (in the Late Archaic midden at the Mustang Branch site, heavy chopping tools showed disproportionately high frequencies of adhering precipitates

[Collins 1994:142-143], and a similar occurrence is seen at Wilson-Leonard [see Chapter 18]). The generally small flakes in this study would not be expected to have use-related precipitates unless they had been detached in resharpening tools affected by use. Such an interpretation

TABLE 19-8
Mineral Precipitation, Patina, and Burning in Percentages

Stratigraphic Unit	Mineral Precipitates Present	Patina Present	Differentially Patinated	Burning Present	Total No. Analyzed
IIIc	1.3	2.1	0.0	15.7	2,403
IIIb/c	7.6	1.1	0.0	15.7	7,884
IIIb	2.5	0.9	0.0	6.2	3,588
IIIa/b	3.0	0.4	0.0	7.1	3,001
IIIa	1.8	0.7	0.0	0.8	5,708
II/IIIa	5.1	1.3	0.0	4.4	7,048
II	8.9	3.2	0.0	2.9	4,918
Id/II, Isi-c/II	11.3	2.4	0.0	2.4	1,445
Id	18.8	0.0	0.0	6.3	80
Isi-c/Id	20.2	0.9	0.0	5.6	321
Isi-c	9.1	0.7	0.1	4.0	679
Icl/Isi/Isi-c	11.8	0.2	0.0	5.5	508
Icl	2.2	0.0	1.1	11.1	90
Isi/Icl	5.7	0.0	0.9	6.6	106
Isi	12.4	1.1	1.1	5.6	89
Igl&Igl/Isi/Icl	12.3	1.5	0.0	1.5	65

would be in accord with the high percentages of mineral precipitates in this data set occurring in units (Igl and Igl/Isi/Icl and Isi) where elevated occurrences of mineral precipitation would not be predicted on geologic grounds.

This is a phenomenon in need of comprehensive investigation. Mineral precipitates adhering to many of the heavy chopping tools at Wilson-Leonard and at the Mustang Branch site (Collins 1994) are concentrated well back from the edges of the tools, which might reflect removal in edge sharpening. Chemical analysis of the precipitates and the tool surfaces beneath them in conjunction with use-wear study needs to be integrated with closer technological consideration of the evidence for resharpening.

Patination

Patination occurs in low frequencies throughout much of the Wilson-Leonard sequence, with a slight peak in Unit II and its transitional zones (see Table 19-8). Differential patination occurs only in Unit I and in very low frequencies even there. This low frequency of patinated flakes agrees with the overall site formational history, that is one of aggradation prevailing over erosion or surface stability throughout most of the last 11,500 or so years. The low number of differentially patinated flakes also agrees with the findings among other artifact classes that for the most part, knappers at this site were not picking up old chipped stone pieces after long periods of abandonment and reworking them. These are presumed to have been picked up elsewhere and brought to Wilson-Leonard, because natural rates of deposition at the site have kept patination to a minimum.

Burned Flakes

Flakes exposed to sufficient heat to be visibly altered occur throughout the sequence in low to moderate but varying frequencies (see Table 19-8). Moderately high frequencies are seen in Units Isi/Icl, Icl, Id, IIIa/b, IIIb, IIIb/c, and IIIc. That the highest frequencies occur in IIIb/c and IIIc is consistent with the presence of extensive formation of burned rock features (including middens) in this unit. The high frequency in Unit Icl is unexpected, but being based on only 90 flakes, it may not be entirely representative of either natural or cultural exposure of flakes to heat.

SUMMARY

This analysis includes flakes smaller than 1/2-inch. Most flakes greater than this size were utilized at the Wilson-Leonard site and are analyzed as tools (see Chapter 17). Generally, the proportion of small (1/8-inch) flakes to 1/4-inch flakes increases over time at the site. This pattern may relate to increased longevity of occupation over time and the occurrence of more late-stage manufacturing or refurbishing activities responsible for the smalldebitage.

Comparisons of flake types suggest that much of the lithic reduction detectable at the site was late-stage bifacial thinning. Thin edge-trimming, dorsal troughed, and parallel-edged flakes are present in greatest numbers of all technologically sensitive flake types, and these are thought to represent various aspects of bifacial edge trimming. Normal flakes, which are less technologically diagnostic and represent a greater variety of activities, are the most common

flake form among samples large enough to merit comparisons. Their constant presence attests to primary and secondary stage reduction activities occurring to some degree throughout the site's depositional history. Among units with large sample sizes, the proportion of normal to edge-trimming flakes does not vary significantly.

Raw material analysis demonstrates the significant exploitation and reliance upon highly local, fine-grained cherts throughout the site's history. A slight increase in coarse-grained materials is seen over time, a pattern echoed in observations among lithic tool classes. When units of sizable sample numbers are compared, it is noteworthy that Paleoindian units do not exhibit greater diversity in raw material exploitation given the expectation that such groups might have practiced greater settlement mobility. However, considering the subjective assumption that highly local Edwards cherts represent one of the most superior natural resources for tools on this part of the continent, it is less surprising that Paleoindian as well as Archaic assemblages in this area are dominated by these raw materials. Regardless of mobility pattern, cherts highly local to the site were rightfully accorded high value.

Other attributes recorded for small flakes were found in low percentages. Cortex data indicate that nodular cobbles were preferred in lower Unit I, but upland residual cortex dominates for subsequent units. A slight change in exploitation preferences or in resource availability may be hinted at by this observation, but numbers and percentages are too low for definitive conclusions. Also, small, late-stage flakes are not the best indicators of cortex patterns. Mineral precipitates occur in levels up to 20% in some units. The cultural or pedogenic origin of these occurrences is at present poorly understood. Patina occurs in frequencies too low to support conclusive interpretations. Burning increases in apparent association with the large oven and midden features in Units IIIb/c and IIIc.

This study suggests that analyses of small flakes complement the examination of other aspects of the lithic technology. In particular, flake size, flake type, and raw material have proved informative in regard to technological behavior at this site.

DIRECTIONS FOR FUTURE RESEARCH

Chipped lithic artifacts from the Wilson-Leonard site have been studied as distinct categories—projectile points, bifaces, unifaces, edge-modified flakes, cores, and the unmodified flakes discussed in this chapter. Technological information recovered as part, but never the primary part, of the analysis of each of these categories is extracted and synthesized elsewhere (see Chapters 7-10). Of the several alternative ways in which this project could have been orga-

nized, this was selected for a variety of reasons (see Chapter 2), and, as is often the case, there were costs as well as benefits to doing the analyses of the various lithic categories separately. At the outset of this chapter, the advantages of examining the small, supposedly unmodified flakes were considered. One of the costs is also significant and is discussed here.

Further analysis of Wilson-Leonard debitage would benefit from an integrated examination of a larger sample of large flakes, even those that are also considered to be "tools." Small flakes examined in this study provide several advantageous perspectives on the site. Advantages include, for the 1/8-inch category, the reduced chance that they were transported out of the knapping context for use as tools. However, this light-weight fraction may also be more susceptible to inadvertent movement by human or other causes. Based on this analysis, a substantial degree of homogeneity is observed among flakes of the 1/8-inch-size category as they are primarily related to late-stage edge sharpening or resharpening. Larger flakes (1/2 inch and larger) are likely to be more heterogeneous, related to primary, secondary, and tertiary stages of manufacture. At this site, most large flakes were classified as modified and thus analyzed in a separate study (see Chapter 17). As such, they have not gone undocumented but are analyzed primarily from their position in the tool-use trajectory at the site rather than the tool-manufacture trajectory.

Equally important is the fact that much that is here considered debitage may, upon microscopic examination, be found to have been used as tools. In effect, this analysis of "debitage" was carried out lacking the information on those flakes considered on macroscopic evidence to be tools but probably including an unknown number of flakes that were used as tools but could be identified as such only under high magnification (cf. Chapter 22).

These conditions suggest that all flakes should be analyzed first as the products and byproducts of knapping and then resorted into tool and debitage categories on macroscopic as well as microscopic criteria. The flake tools would then be subjected to a second level of analysis.

Despite these strengths and weaknesses of examining the smaller debitage at the expense of larger materials, this study does provide a new perspective on the analytical potential of small-sized flakes from hunter-gatherer sites. It is clear that this category of artifacts yields valuable information that contributes to major research questions under investigation. A research design focused solely on large flakes recovered in 1/4-inch screens represents the examination of an incomplete data set. Artful analyses to come will combine creative sampling and laboratory logistical designs with well-planned research objectives to more completely recover the information from site flake assemblages.

CHAPTER 20

GROUND AND OTHER NONCHIPPED STONE ARTIFACTS

by Lauren A. Sullivan

INTRODUCTION

The lithic artifacts from the Wilson-Leonard site not classified as chipped stones are discussed in this chapter. These were manufactured or modified by a variety of methods such as grinding, pecking, polishing, grooving, notching, and battering and include 81 specimens classified as ground stones, 23 as possible ground stones, 9 as notched and/or grooved stones, and 30 as minimally modified stones. These specimens were recovered from contexts spanning the Paleoindian through Late Prehistoric periods.

METHODS

Each of the nonchipped stone artifacts was grouped according to form into one of the categories of ground stones, possible ground stones, notched and/or grooved stones, and minimally modified stones. All but the minimally modified stones were codified according to the following attributes: completeness, metric measurements, raw material, form (overall and cross section), number of use surfaces, surface modification, and mineral precipitates.

Completeness of each artifact was recorded as complete, end missing, edge missing, corner fragment, end only, edge only, medial fragment, medial break, indeterminate fragment, or other. Length, width, and thickness measurements (to the nearest tenth of a mm) were taken of the whole artifacts with sliding calipers. In the case of fragments, only dimensions that were fully represented were measured. Weight was measured to the nearest tenth gram with a triple beam balance. The raw material of each item was recorded as specifically as possible. All identifications were made macroscopically but hydrochloric acid was used in cases of questionable limestone identification. Overall form of each specimen was recorded as oval, round, rectangular, angular, square, irregular, or indeterminate, and cross-section shape was denoted as biconvex, biconcave, biplano, planoconvex,

convex-concave, or irregular. In addition, when form was indeterminate from the fragment recovered, its shape was so classified.

The following attributes were noted as present or absent: unifacial or bifacial grinding, polish, battering, pecking, striations, heel facets, grooving, notching, mineral precipitates, and heat alteration. Neither the extent nor the location of any of these attributes was noted except that the unifacial or bifacial attribute was identified by the number of surfaces altered (ground) in preparation or use. Polish was identified as the smoothed, glossy areas on the surface of some artifacts, while pecking appears as a coarse or pitted surface. Striations refer to fine lines macroscopically visible on the surface of many of the ground stone artifacts. In order to confirm their presence or absence, a hand lens or a low-power microscope was used.

Heel facets, the wedge shapes produced when uneven pressure was applied to handheld grinding implements, were identified in varying stages of development on the manos and mano fragments (Figure 20-1). Many of the specimens lack clear evidence of these features, however, a slight rounding on the edges of some of the grinding surfaces showed where heel facets perhaps had begun to develop. On the specimens where two heel facets were observed, the mano was presumably turned end-over-end in order to use the opposite grinding surface creating a wedge-shaped tool (Johnson 1991:74; Morris 1990:186, 191).

Grooves and notches are intentional modification or abrading of the edge of a stone tool. Grooves refer to long narrow furrows or depressions, while notches are shorter, V-shaped cuts or indentations. In this collection, notches and grooves do not co-occur on any artifacts.

Whether or not a specimen was heat altered was determined by color or texture changes in the raw material as observed by project geologist Gene Mear. The presence of mineral precipitates was determined by visual inspection as such deposits are macroscopically visible.

FIGURE 20-1. Examples of manos with heel facets. (a) Specimen 101-1; (b) Specimen 36*-1.

ARTIFACT DESCRIPTIONS

Ground Stones

Manos

Manos are defined as the handheld grinding implements used in association with metates to grind plant and occa-

sionally inorganic materials. It has also been suggested that these stones may have been used in hide processing (Adams 1988:307; Clark and Kurashina 1981:305; Collins 1973:91). There are 51 specimens from the Wilson-Leonard site in this category. Of these, 5 are from Paleoindian contexts, 3 are from Late Paleoindian/Early Archaic contexts, 31 are assignable to the Archaic period, 2 are associated with the Late Archaic/Late Prehistoric, 1 is clearly from Late Prehistoric

context, and 9 are not assignable. This group comprises 43 bifacial and 5 unifacial tools with the remaining 3 undetermined due to their fragmentary or precipitate-covered condition. Attributes are summarized in Table 20-1. Specimens with battering were placed in this category because they were primarily used as manos. The light battering on these specimens was observed along their edges. Two artifacts with heavy battering were classified as mano/hammerstones.

Of the items classified as manos, 17 (33%) are complete, and 34 (68%) are fragmentary. The weights of the complete manos range from 279.7 to 1,195.6 g (mean=607.8 g), lengths from 72.2 to 136.6 mm (mean=108.7 mm), widths from 48.9 to 143.4 mm (mean=78.2), and thickness from 23.8 to 64.8 mm (mean=44.2) (see Table 20-1). Their overall shapes are oval, round, and irregular. Two manos were used also as hammerstones and a third (found in Burial 2) was used as a chopper. Sixty-seven percent of the manos recovered from the site were manufactured from sandstone and granite, and the remaining 33% were made variously of bull quartz, limestone, and quartzite (see Table 20-1). Mineral precipitates were observed on 89% (8/9) of the manos recovered from Early Archaic contexts as well as on 2 of the 3 Early Archaic/Late Paleoindian manos and 3 of the 5 Paleoindian specimens. Such deposits were noted on only 22% (2/9) of those assignable to the Late Archaic. Seventy-three percent (n=37) of the manos were recovered from the Valley Floor with only 25% (n=13) coming from the Valley Margin, possibly indicating that the Valley Floor was the primary activity area for plant processing but also perhaps reflecting where manos (as site appliances) were left for future use.

The examination of wear patterns on the manos provides some significant information on their use. During the Paleoindian period, variable attributes imply that manos may have been used as multifunctional, nonspecialized tools. Specimen 34NN1D-1, a limestone mano that also shows evidence of having been used as a hammerstone, is associated with the bison bone bed and could have been used to crack open bison bones in order to obtain marrow as well as in plant processing (Brain 1981:15; Jodry 1987:196) (Figure 20-2). Specimen 34CC2D-2 is a small artifact made from limonitic sandstone. It shows signs of polish, light striations, battering, and possesses an unidentified black stain (Figure 20-3). Specimen OR614 appears to have been shaped; however, the artifact is almost completely covered in mineral precipitates which obscures any evidence of wear. This layer was not removed as it may encapsulate organic residues. The specimen was subjected to chemical residue analyses with the result that 10 amino acids and a chloride were identified on this mano. Specimen 36W-1 is a complete bifacial granite mano with evidence of pecking and faint striations. One face of this artifact is very smooth, and the beginning of a heel facet was observed suggesting intensive use (Figure 20-4).

Several specimens were found with deeply pecked surfaces, others with this pecked surface partially worn away,

and others with a smooth, polished surface. The smooth surfaces may have been used to further reduce the size of coarse particles produced by the rougher, pitted surfaces (Johnson 1991:66). Several grinding stones recovered from the Wilson-Leonard site have both rough and smooth facets, on opposite faces, suggesting that they were turned over from one stage of grinding to the next (see Figure 20-1).

Eight Wilson-Leonard specimens are noted as having "heel facets" (see Figure 20-1). These are neither as flat nor as well defined as those occurring commonly in agricultural contexts (as for example in the American Southwest; Morris 1990) but resemble some of the thicker ones from the Early Archaic Sleeper site (Johnson 1991:69-76). Heel facets at Wilson-Leonard occur in Late Archaic (n=1), Middle Archaic (n=2), Early Archaic (n=1), Paleoindian (n=1), unsigned (n=2), and Archaic (n=1) contexts.

One of the more interesting manos recovered was associated with Late Paleoindian-age Burial 2 (Figure 20-5). It is a complete ground stone tool (FBU2-1), originally discoidal and manufactured from sandstone with quartz grains and pink feldspar. It apparently was used as a mano and subsequently flaked along one edge into a chopper, resulting in a shape best described as a truncated disc. This tool is pecked, bifacially ground, and has striations on both slightly convex faces providing evidence for its use as a mano. On the more-convex face, there are patches of pecking as well as linear striations oriented in at least three directions. On the less-convex face, there are also linear striations visible in multiple directions; however, these striations are fainter than those on the other face of the specimen. This tool has an acute bifacially flaked edge that resembles a chopper and shows evidence of crushing, battering, and microflaking, presumably as a result of use. The flake scars are fresher in appearance than the rest of the stone's surfaces. The rounded, unflaked edges of the tool show signs of light battering; however, it cannot be determined if these are cultural in origin. Chemical analysis discerned residues of chloride, nitrate, phosphate, and 11 amino acids on this mano/chopper.

In contrast, the types of wear patterns observed on Archaic specimens are based on a larger sample and suggest a more-specialized use for each tool. In this case, a single, dominant wear type is found on each tool, including those that exhibit more than one wear type. Specimen 19G-1, for example, is a complete bifacially ground mano of bull quartz with three heel facets (Figure 20-6). Polish, battering, mineral precipitates, and pecking were also observed on this artifact. An increase in the diversity of overall mano shape is also observed in the Archaic, unlike in the earlier stratigraphic units where the assemblages are dominated by a single form (oval) (see Table 20-1). Polish is the primary wear type observed at this time. It has been noted that fragile grass seeds would require a lighter grinding process, so a controlled motion (which leaves a polish) by a smaller mano would probably have been employed (Kraybill 1977:493).

TABLE 20-1
Attributes and Distribution of Manos, Mano Fragments, and Mano/Hammerstones

Unit	Period	Item	Complete	Length (mm)	Width (mm)	Thickness (mm)	Weight (g)	Raw Material	Form	Cross-Section	Mineral Precipitates	Surfaces Use	Type Modification Surface	Heel Facets
									Irregular Round	Irregular Biplano (tabular) Biconvex		Unifacial	Notch/Groove Striations Peeking Battered Polish	
Surface	cannot be determined	0-105	Y	102.6	84.6	53.1	645.1	granite	X	X	Y	X	X X X X	
		0-155	N		96.7	45.4	527.4	bull quartz	X	X	N	X	X	
Test Unit														
Unknown	Late Archaic	TP3-E-7	Y	112.2	67.2	42.2	526.1	granite	X	X	N	X	X X X X	X
Valley Floor A														
Surface	cannot be determined	0-50	N		71.2	39.6	305.6	sandstone	X	X	Y	X	X	
IIIc	Late Prehistoric/Late Archaic	OR41=272	N			23.8	70	bull quartz	X	X	N	X	X X	
	Late Archaic	OR107	N		71.3	43.6	271.7	sandstone	X	X	N	X	X X X	
	Late Archaic	36D-20	Y	127.1	110.8	59.6	1195.6	quartz sandstone	X	X	N	X	X X X	
	Late Archaic	36D-21	Y	112.2	100.1	60.8	1000.4	quartz	X	X	N	X	X X	
	Late Archaic	36E-7	N			59.8	425	quartz		X	N	X	X	
	Late Archaic	37DD-42	N		81.7	64.8	552.8	granite		X	Y	X	X	
	Late Archaic	36F-23*	Y	93.6	75.6	55.2	562.6	sandstone	X	X	Y	X	X X	X
	Late Archaic	37EB-10	N			46.4	277.4	granite	X	X	N	X	X X	X
IIIb/c	Late/Middle Archaic	496	Y	107.3	91.2	52.8	757.2	bull quartz	X	X	N	X	X	
	Late/Middle Archaic	14G-4	N		76.7	42.4	184	granite		X	N	X	X X	X X
	Middle Archaic	14H-2	N			34.2	445.4	granitic quartz sandstone	X	X	Y	X	X	
	Middle/Early Archaic	12G-5	N			41.5	125	granite		X	N	X		
IIIa	Early Archaic	OR405	N			40.3	115.9	sandstone	X	X	Y	X	X	X
	Early Archaic	36N-27	N				8.3	quartzite		X	Y	?	?	
	Early Archaic	32Q2-1	N		61.2	47.8	71.7	quartzite		X	Y	X	X X	
	Early Archaic	32P2-11	N		59	33.3	193.3	granite	X	X	Y	X	X X X	X
	Early Archaic	23P-2	Y	79.6	60.8	33.9	279.7	sandy limestone	X	X	Y	X		X
	Early Archaic	29R1-7	Y	103.1	71.6	39.9	446.7	sandstone	X	X	Y	X	X	X
III	Archaic	52NC-3	N			40.9	97.6	sandstone		X	Y	?	?	X X
II/IIIa	Early Archaic/Late Paleoindian	2449	N		48.9	29.9	43.7	quartzite	X	X	Y	X	X	X
	Early Archaic/Late Paleoindian	27U1-1	N			57.9	100.4	granite		X	Y	X	X X	X

Table 20-1, *continued*

Unit	Period	Item	Complete	Length (mm)	Width (mm)	Thickness (mm)	Weight (g)	Raw Material	Form	Cross-Section	Mineral Precipitates	Surfaces Use	Type Modification Surface	Notch/Groove	Heel Facets
									Irregular Round Oval	Indeterminate Biplano (tabular) Biconvex		Unifacial Bifacial	Striations Pecking Batter Polish		
Id/II	Late Paleoindian	OR614	Y	113.2	74.5	41.8	471.4	limestone	X	X	Y				
Isi-c	Late Paleoindian	34CC2D-2	Y	72.2	64.1	52.1	486.1	limonite sandstone	X	X	Y	X	X X	X	
I	Late Paleoindian	FBU2-1	N		143.4	50.1	1370.5	sandstone	X	X	N	X	X		
	Paleoindian	36W-1	Y	92.2	65.1	34.8	290.4	granite	X	X	N	X	X X	X	X
Isi/IcI	Early Paleoindian	34NN1D-1*	Y	90	64.7	37.2	330.2	limestone	X	X	Y	X	X X	X	
Unknown	Unassigned	2879	N		79.7	49.1	328.5	bull quartz	X	X	N	X	X X		
	Unassigned	36?-2	N			37.9	197.6	granite		X	N	X	X	X X	
	Unassigned	101-1	Y	101.7	68.6	39.8	400.8	granite	X	X	Y	X	X X	X	X
	Unassigned	35	N	110.6	80.7	59.3	803.2	granite	X	X	N	X	X	X X	
	Unassigned	423	N			42.1	233.2	quartz sandstone		X	N	X	X	X	
	Unassigned	36?-1	Y	105.4	81.1	39.7	493.2	andesite green	X	X	Y	X	X	X	X
Valley Floor B															
III	Middle Archaic	51MB-3	N			35.9	232.8	granite		X	Y	X	X	X X	X
	Middle Archaic	51KB-3	Y	104.9	59.7	45.9	439.4	granite	X	X	Y	X	X X	X	X
Valley Margin															
IIIc	Late Prehistoric	4A-2	N				40.7	sandstone		X	N	X	X		
	Late Prehistoric/Late Archaic	8B-12	N				41.6	sandstone		X	N	X	X	X	
	Late Archaic	9C-4	N		75.9	33.5	400.4	granite	X	X	N	X	X X		
	Late/Middle Archaic	10F-5	N		100.2	37.2	272.5	quartz	X	X	N	X	X X		
	Archaic	19G-1	Y	120.4	90.5	57.2	886.2	bull quartz	X	X	Y	X	X X	X	X
IIIb/c	Late/Middle Archaic	11H-19	N		60.1	46.2	176	granite	X	X	N	X	X	X	
	Middle Archaic	22H-6	N			50.3	97.1	granite		X	N	X	X		
	Middle Archaic	22H-5	N		70.7	42.7	173.4	silty sandstone	X	X	Y	X			
	Middle/Early Archaic	11J-1	Y	136.6	79.6	38.4	643	sandstone	X	X	Y	X	X X	X	
IIIb	Early Archaic	20K-1	N		73	41.1	366.1	sandstone	X	X	N	X	X		
Y	Early Archaic	3J-3	N		80.1	42.2	284.6	granite		X	Y	X			
X	Early Archaic	9N-3	N		90.2	40.3	309.1	quartz	X	X	Y	X	X		
	Early Archaic/Late Paleoindian	19W-1	N		85.9	37.9	162.7	bull quartz	X	X	N	X	X		

* mano / hammerstones

FIGURE 20-2. Mano Specimen 34NN1D-1.

FIGURE 20-3. Mano Specimen 34CC2D-2.

Carbonized grass seeds were recovered from a burned rock feature (Feature 209) from a Middle Archaic context.

Three out of the five specimens recovered from the Paleoindian contexts are primarily complete. In the Archaic, the proportion of functionally complete manos to unusable portions (10:21) is lower. The majority of mano specimens

with heel facets (five of eight) are from the Archaic indicating that some ground stone tools probably were used intensively throughout the Archaic, as this type of wear indicates prolonged use (Johnson 1991; Mauldin 1993:322). Once a stone is so worn that it can no longer be used as a grinding tool, there are other tasks for which it may be adapted such

FIGURE 20-4. Mano Specimen 36W-1.

as skinning, abrading, and as architectural elements as documented in the Southwest (Kraybill 1977:491; Leneave 1995:499; Schlanger 1991:463). Specimen 36*-2 is a bifacially ground corner fragment of a mano with a groove suggesting its use as an abrader (Figure 20-7). These abraders may have been used in shaft straightening or in shaping, smoothing, or sharpening bone awls, pins, shell, wood, or stone tools (House et al. 1971:4; Leneave 1995:499; Watt 1944:7). One Late Prehistoric/Late Archaic mano fragment (272=OR41) tested for chemical residues yielded negative results for organic compounds and positive tests for chloride, nitrate, phosphate, and carbonate ions. Two Early Archaic mano fragments (9N-3 and OR405) were subjected to chemical residue analyses. Specimen 9N3 revealed only the presence of carbonate, which probably is pedogenic in origin. The other (OR405), however, tested positive for multiple fatty acids including C_{15} acid which may derive from contact with bark or leaves of the prickly ash, a known medicinal plant.

Pestle

Pestles were often used in conjunction with stone or wooden mortars in pounding seeds, nuts, and roots and in other plant processing (Kraybill 1977:489, 497; Turner and Hester 1993:307). One pestle (22P-5) was found at the Wilson-Leonard site in Unit II/IIIa in the Valley Margin (Figure 20-8). It is a complete specimen made of pecked and smoothed limestone measuring 163 mm in length by 57 mm in maximum diameter. It weighed 949.1 g. Its almost cylindrical shape is slightly rounded and smoothed with light striations on one end and abraded to a dull, smooth point on the other. The sides are pecked. The pestle was found in a burned rock cluster recorded as Feature 107 (see Chapter 26).

Metates

These tools, presumably used in conjunction with manos, are defined as the stones that served as the surface

FIGURE 20-5. "Mano/chopper" Specimen FBU2-1.

upon which grinding took place. This group is comprised of 12 that are bifacially and 10 that are unifacially ground; 1 fragment is undetermined (Table 20-2). All but 2 are made from sandstone; 1 is manufactured from limestone and 1 from siltstone. Twenty-one of the 23 specimens in this category are only fragments. The exceptions, Specimens 0-119 and 54-1, are complete oval metates. Unfortunately, the provenience of both is unknown. Specimen 54*-1 is bifacially ground and has mineral precipitates around its circumference. It has a worn, polished facet or slightly concave area on one side. The other side appears rougher (Figure 20-9). Specimen 0-119 is unifacially ground, with a very smooth surface; polish and faint striations are visible toward its edges (Figure 20-10). Mineral precipitates were

observed on all ($n=5$) of the metate fragments recovered from Early Archaic contexts but on only 40% (2 of 5) of the fragments from Late Archaic contexts. Nine of the metate specimens were recovered from the Valley Floor, 11 were recovered from the Valley Margin, and 3 were from indeterminate contexts.

The original size and shape of the metates represented by fragments cannot be estimated. Most are tabular in cross section. Thicknesses of the measurable fragments range from 15.5 to 59.6 mm (mean=29.4).

At Wilson-Leonard, the earliest occurrence of metates was in the Early Archaic levels, where a dramatic increase in the density and size of burned rock features also occurred, supporting the idea that plant processing intensified at this

FIGURE 20-6. Mano Specimen 19G-1.

FIGURE 20-7. Mano Specimen 36*-2.

time (see Table 20-2). The appearance of these grinding tools may suggest a subsistence strategy shift toward hard-seeded grain as a significant food supply (Carter 1977:693). Comparisons of the metate weight and size between stratigraphic units are not useful in this analysis because most are fragments and the only complete ones are from mixed stratigraphic contexts.

The wear types observed on the metate fragments provide more useful information. Facets refer to the oval depressions that are worn into the surface of a slab by the grinding motion of a mano and are one of the measures used in determining the degree of utilization of metates or grinding slabs (Leneave 1995:488). The best example of this type of wear is observed on Specimen 0-156. This metate fragment is bifacially ground and heavily polished with one very noticeable concave worn area (Figure 20-11). The majority of the metate fragments were polished, supporting the idea that processing grasses became important during the Archaic as observed in the mano data. Unifacially ground metate fragments dominate in the Valley Margin with a more-even distribution between unifacially and bifacially ground specimens found in the Valley Floor. Striations are most common in the Early Archaic appearing on two of the five metates. Specimen 7F-5, associated with Burial 1, is a large bifacially ground limestone metate fragment with faint striations; chloride, phosphate, and carbonate residues were identified on this piece.

Grinding Basin

This category is represented by one complete specimen (9T-2) made of bifacially ground quartzite recovered from an Early Archaic/Late Paleoindian context (Figure 20-12). It is considered in a category separate from the metates because of its small size. On the concave face, there are deep striations and grooves going in multiple directions as well

FIGURE 20-8. Pestle Specimen 22P-5.

as a light polish. The other face has fainter striations that are also oriented in multiple directions. This specimen is oval shaped and measures 67.1 mm in length, 51.9 mm in width, and 14.0 mm in thickness. It weighs 106.1 g. No mineral precipitates were noted on its surface, however, chemical residue analysis detected the presence of chloride and carbonate ions. Organic residues identified on this specimen in-

cluded 13 amino acids with an indication that it may have been in contact with acorns.

In spite of the possible presence of acorn residue, this item does not seem large enough to process a significant amount of plant food. Perhaps it was intended or used as a basin to process nonfood materials, such as mineral pigments or plant products used medicinally or otherwise (Black

TABLE 20-2
Attributes and Distribution of Metates and Metate Fragments

Unit	Period	Item	Complete	Length (mm)	Width (mm)	Thickness (mm)	Weight (g)	Raw Material	Form	Cross-Section				Mineral Precipitates	Surfaces Use		Use Types			
									Indeterminate Oval	Biconcave	Planconcave	Convex-Concave	Indeterminate		Unifacial	Bifacial	Polish	Beater	Pecking	Straight
Surface	cannot be determined	0-156	N			36.0	605	fine-grained sandstone	X		X			N	X		X			X
	cannot be determined	0-119	Y	289.5	228.6	21.9	2485.1	sandstone	X		X			Y	X		X			
	cannot be determined	54*-1	Y	181.4	110.8	30.8	949.6	sandstone	X		X			Y		X	X	X	X	
Valley Floor A																				
IIIc	Late Archaic	14D-4	N			21.1	112.9	sandstone	X		X			N	X		X		X	
	Late Archaic	17C-5	N			24.4	153.5	sandstone	X	X				N		X	X		X	
	Late Archaic	14D-3	N			20.1	28.4	siltstone	X		X			N	?	?				
IIIb/c	Middle Archaic	23H-2	N				68.5	sandstone	X				X	N		X	X			
	Middle Archaic	15H-5	N			15.5	82.6	sandstone	X		X			Y	X		X		X	
IIIb	Middle Archaic	494-5	N			30.6	151.5	sandstone	X		X			N		X	X			
	Early Archaic	14L-1	N			44.1	307.7	sandstone	X		X			Y	X		X		X	X
IIIa	Early Archaic	716-4	N			31.1	387.7	sandstone	X		X			Y	X		X			X
Valley Floor B																				
III	Middle Archaic	50JB-4	N			23.4	243.7	quartzitic sandstone	X	X				Y		X	X			
Valley Margin																				
IIIc	Late Archaic	2E-3	N			45.0	702.1	sandstone	X		X			Y	X					
	Late Archaic	10E-5	N			22.0	176	sandstone	X		X			Y	X		X		X	
	Archaic	1E-2	N			22.6	302.2	sandstone	X		X			Y	X		X			
	Archaic	19G-2	N			24.8	532.5	sandstone	X	X				Y	X		X	X		
	Late/Middle Archaic	19F-1	N			40.2	413.2	sandstone	X				X	Y		X			X	
IIIc/POT	Archaic	7C-1	N			27.3	197.6	sandstone	X		X			Y	X		X		X	
	Archaic	7F-5	N		250	59.6	3062.7	limestone	X		X			Y		X			X	X
IIIb	Middle/Early Archaic	22I-1	N				129.3	sandstone	X				X	N		X			X	
	Early Archaic	21J-2	N			19.7	182.1	sandstone	X		X			Y		X			X	
IIIa	Early Archaic	11P-1	N			30.4	347.4	sandstone	X		X			Y	X		X			
X/II/IIIa	Early Archaic	20Q-3	N			26.2	123.3	sandstone	X		X			Y	X		X

FIGURE 20-9. Metate Specimen 54-1.

and McGraw 1985:170; Carter 1977:696; Frison and Stanford 1982:69; Logan and Fratt 1993; Schlanger 1991:461; Stahl 1989:174).

Stone Pipe

A fragmentary cylindrical stone object (16C-2) inferred to have been a pipe or cloud blower was recovered from Unit

IIIc. The present piece seems to be the medial section of a stone tube 74 mm in outside diameter (Figure 20-13). The diameter of the inside opening tapers very slightly from 30 mm to 25 mm in the approximately 60 mm length of this fragment. Walls of the pipe range from about 24 to 27 mm in thickness. The exterior of the pipe is smooth but slight striations are visible in patches. This specimen is made of travertine (which is soft when taken from an outcrop and can easily be carved

FIGURE 20-10. Metate Specimen 0-119.

with sharpened stone tools) and appears to have been shaped by carving and scraping the exterior. The tubular opening exhibits longitudinal grooves and striations that indicate gouging and reaming rather than drilling as the techniques of manufacture. This fragment is referred to as a pipe even though the definitive constriction seen on complete specimens is missing.

These pipes are typically associated with the Archaic period and have been recovered throughout Texas, but seem to occur most frequently in South Texas on the Coastal Plain and in the Lower Rio Grande Valley (Boyd et al. 1997:403; Jackson 1940:99; Leneave 1995:503). The majority are made of sandstone with only two limestone specimens documented (Leneave 1995:503). Ethnographic accounts and archeological evidence suggest that the exteriors of these pipes were constructed by pecking and grinding. Typically, a hole was then drilled longitudinally through the center of the cylindrical object from both ends; generally these are conical holes with one considerably longer than the other, leaving a characteristic constriction near one end (Leneave 1995:505).

There have been diverse functions discussed for these stone tubes including their use as ordinary smoking

pipes, cloud blower pipes, fire carriers, shaft straighteners, enema syringes, and medicine tubes (Jackson 1940:121). Many ethnographic accounts describe pipe smoking as part of a daily routine (Leneave 1995:519). However, the small number of these reported in Texas (only some 81 specimens; Leneave 1995:503) suggests more-restricted use, such as that of a cloud blower in a ceremonial context or a medicine tube used by shaman in curing disease (Jackson 1940:121; Leneave 1995:503, 519). Although this specimen was analyzed for organic residue, the results were not conclusive beyond detecting the presence of chloride, phosphate, and carbonate ions along with nine amino acids.

Indeterminate Ground Stones

Four fragments of stone that definitely had been ground but could not be further classified by morphological type were placed into this category (Table 20-3). These show at least one smooth or ground surface suggesting that they were once part of a ground stone tool. The two Late Prehistoric specimens (14A-1 and 12A-12) refit and

FIGURE 20-11. Metate Specimen 0-156.

FIGURE 20-12. Grinding basin Specimen 9T-2.

both show signs of polish. One Late Archaic specimen (12A-12) from this group was tested for chemical residues, yielding only nitrate and carbonate ions and no organic traces.

Possible Ground Stones

Twenty-three fragments that lacked definitive evidence of grinding are considered possible ground stones. This group was subdivided into possible tool types in some cases. Seventeen of the fragments are classified as possible manos and mano fragments. One piece of sandstone is a possible metate fragment from a Middle Archaic context. Possible polish is the primary wear type observed on these 23 specimens. Table 20-4 presents a list of specimen numbers with their attributes. A single specimen (33Y1D-2) from this group was analyzed for chemical residue; phosphate and carbonate ions (probably of pedogenic origin) but no organic traces were detected.

Notched and Grooved Stones

Notched Stones

Notched stones of the form recovered from the Wilson-Leonard site are commonly thought to have functioned as weights for fishing nets and are referred to as "Waco sinkers" in the regional literature (Leneave 1995:502; Turner and Hester 1993:316; Watt 1939). Their use as bolas, parts of snares, or as weights on hunting nets has also been

FIGURE 20-13. Ground stone pipe Specimen 16C-2.

suggested (Boyd and Shafer 1997). These are generally small ovoid or subspherical pebbles that are notched on each end (Figure 20-14). Six of the seven (37T2A-1, 26R1-19, 0-211, 22Q-4, 17Y2-1, 36P-2) recovered from the Wilson-Leonard site are notched on both ends; 22Q-5 is notched on one end and battered or broken on the other. Their weights range from 8.9 to 66.6 g (mean = 36.4 g); lengths range from 27.6 to 64.0 mm (mean = 41.8 mm); widths range from 24.0 to 38.0 mm (mean = 32.9 mm); and thickness from 8.3 to 30.1 mm (mean = 18.1 mm) (Table 20-4). They were manufactured from chert, limestone and sandstone. The majority (71%) were associated with Units II and IIIa, where Late Paleoindian and Early Archaic materials prevail.

Although the presence of sinkers provides possible evidence of fishing when netting fibers are not preserved (Cleland 1982:769-771; Peterson et al. 1984:202), there are some cases where they have been recovered still attached to preserved net fragments (Ritchie 1969:186). Boyd and Shafer (1997) suggest that these stones were used in hunting in upland prairie contexts. These stones also could have been used as “spacers” in the manufacturing of the nets themselves (Watt 1939:54).

Grooved Stones

These stones are small and round with grooves that extend around the greatest circumference (Figure 20-15). Only two specimens were recovered from the Wilson Leonard site (34V1B-1 and 30Q1-1) (see Table 20-5). Specimen 34V1B-1, associated with Unit II, is oval, made of roughly shaped limestone, and its groove is shallow. Specimen 30Q1-1, associated with Unit IIIa, is made of ground limestone with a V-shaped groove that extends around the maximum circumference of the specimen. Striations are macroscopically visible within the groove. In Watt’s (1939:30) study of Waco sinkers, artifacts such as these are included in his Type No. 11 but are not considered to be sinkers. A similar item classified as grooved limestone was recovered from the Hopewell School site, a Late Archaic campsite in the Brazos River

TABLE 20-3

Attributes and Distribution of Indeterminate Ground Stones

Unit	Period	Item	Complete	Thickness (mm)	Weight (g)	Raw Material	Cross-Section			Mineral Precipitates	Use Surfaces		Use Types	
							Biconvex	Irregular	Indeterminate		Unifacial	Bifacial	Polish	Notch/Groove
Valley Floor A														
IIIc	Late Prehistoric	14A-1	N	24.2	22.8	bull quartz	X			N	X		X	X
	Late Prehistoric	12A-12	N	25.9	20.9	bull quartz		X		N	X		X	
	Late/Middle Archaic	15G-28	N		5.7	granite			X	N	?	?		
	Late/Middle Archaic	15G-27	N		3.6	bull quartz			X	N	?	?		

TABLE 20-4
Attributes and Distribution of Possible Ground Stones

Unit	Period	Item	Complete	Attributes and Distribution of Possible Ground Stones				Raw Material	Form		Cross-Section		Mineral Precipitates	Use	Surfaces		Type Modification	
				Length (mm)	Width (mm)	Thickness (mm)	Weight (g)		Oval	Round	Rectangular	Indeterminate			Biconvex	Biplano (tabular)	Planoconvex	Irregular
Surface	cannot be determined	0-215	N	66.9	43.4	152.4		sandstone iron matrix		X	X		Y	X	X		X	
Valley Floor A																		
IIIc	Late Prehistoric	37AB-33	N				54.1	bull quartz		X		X	N	X	X		X	
	Late Prehistoric	16A-1	N				17.6	bull quartz		X		X	N	X	X			
IIIb	Middle Archaic	675-6	N				7.3	sandstone		X		X	Y	X	X			X
	Middle Archaic	518-1	N				93.9	bull quartz		X		X	N		X		X	
	Early Archaic	14K2-14	N				31.4	bull quartz		X		X	N	X	X			
IIIa	Early Archaic	36N-28	N				0.3	quartzite		X		X	N	X	X			
	Early Archaic	1094-5	N				0.6	quartzite		X		X	N	X	X			
	Early Archaic	890	N			19.7	13	bull quartz		X	X		N			X		
	Early Archaic	30S1-7	Y	101.1	80.2	31.2	481.1	sandstone	X		X		Y		X	X	X	
II	Late Paleoindian	1666-2	N				0.8	igneous		X		X	N	X	X		X	
	Late Paleoindian	33Y1D-2	N	130	100.8	42.8	860.4	bull quartz	X			X	Y		X		X	
	Late Paleoindian	948	N		63.7		199.6	dolomite?	X			X	Y	X		X		
	Late Paleoindian	983-2	Y	79.3	67.1	33.5	261	limestone	X		X		Y	X				
Isi-c/Id/II	Late Paleoindian	16Y2-1	N			26.6	422.2	quartzitic sandstone		X		X	Y				X	
Isi-c	Late Paleoindian	24BB1D-1	N			22.2	30.4	bull quartz		X	X		Y		X		X	
Valley Floor B																		
III	Middle Archaic	51MC-5	N			11.2	971.2	sandstone slab		X	X		Y		X		X	
Valley Margin																		
IIIc	Late Prehistoric/Late Archaic	9B-25	N				3	bull quartz		X		X	N	X	X			
	Late Prehistoric/Late Archaic	9B-24	N				8.9	bull quartz		X		X	N	X	X			
IIIc/POT	Archaic	5F-1	N			15	sandstone		X		X	Y	X	X		X		
X/II/IIIa	Early Archaic	20Q-4	N			66.7	sandstone		X		X	Y	X			X	X	
X/II	Early Archaic	20R-3	N			42.7	41.8	bull quartz		X	X		Y		X			
II	Late Paleoindian	11S-9	N				3	quartzite		X		X	N	X	X		X

FIGURE 20-14. Waco sinkers. (a) Specimen 0-211; (b) Specimen 22Q5; (c) Specimen 17Y2-1; (d) Specimen 37T2-A-1; (e) Specimen 22Q-4.

Valley (Gallagher and Bearden 1976:46). The most directly comparable specimens in form and age (Early Archaic) are one each from the Devil's Mouth and Devil's Rockshelter sites in the Lower Pecos Region (Johnson 1964; Prewitt 1966).

Minimally Modified Stones

Worked Hematite

Hematite specimens (N=28) placed into this category were identified by modifications that include gouges, striations, grooves, ground facets, and polish (Table 20-6). This group represents a minimum number of worked hematite specimens from the site due to the fact that hematite is very soft and tends to disintegrate in the ground. The hematite pieces recovered range from orange to maroon in color and

were probably used as a source for pigment (Black and McGraw 1985:183; Highley 1995:521), but other applications of powdered ocher, such as a catalyst in the making of adhesives must also be considered (Allain and Rigaud 1989). Red pigment has numerous documented uses that include body painting, pottery decoration, rock art painting, medicinal uses, and the decoration of human hair (Highley 1995:521). Thirty-nine percent of the worked hematite specimens (11 of 28) were recovered from Unit IIIa suggesting that the importance of hematite use increased during the Early Archaic, if this is not preservation bias.

Worked Slate

Two small pieces of slate were placed into this group. Specimen 20N-4 is modified bifacially with faint striations on

TABLE 20-5
Attributes and Distribution of Notched and Grooved Stone

Unit	Period	Item	Item Number	Complete					Raw Material					Form	Cross Section				Mineral Precipitates	Surfaces Use		Surface Modification			
					Length (mm)	Width (mm)	Thickness (mm)	Weight (g)		Oval	Round	Square	Irregular		Biconvex	Biplano (tubular)	Planconvex	Irregular		Unifacial	Bifacial	Polish	Pecking	Striations	Notch/Groove
Surface	cannot be determined	Waco sinker	0-211	Y	40.9	35.6	21.7	39.8	limestone	X				X	Y	X	X								
Valley Floor A																									
IIIa	Early Archaic	Grooved stone	30Q1-1	Y	44.4	32.0	30.1	73.8	limestone	X					X	Y		X							
	Early Archaic	Waco sinker	36P-2	Y	27.6	27.4	8.6	11.1	chert	X				X	N		X								
	Early Archaic	Waco sinker	26R1-19	N	31.3	24.0	8.3	8.9	limestone	X					X	N	X	X							
II	Late Paleoindian	Grooved stone	34V1B-1	Y	32.5	26.7	22.3	26.1	limestone	X					X	Y		X							
	Late Paleoindian	Waco sinker	37T2A-1	Y	42.9	34.7	17.1	43.1	limestone	X					X	Y		X							
Id/II	Late Paleoindian	Waco sinker	17Y2-1	Y	50.1	36.9	26.1	66.6	sandstone	X					X	N	X	X							
Valley Margin																									
II	Late Paleoindian	Waco sinker	22Q-4	Y	64.0	38.0	14.7	56.1	sandstone	X					X	Y	X	X							
	Late Paleoindian	Waco sinker	22Q-5	N	35.9	33.5	14.2	29.1	limestone	X				X	Y	X	X

FIGURE 20-15. Grooved stones. (a) Specimen 34V1B-1; (b) Specimen 30Q1-1.

TABLE 20-6
Worked Hematite and Slate

Unit	Hematite	Slate
Valley Floor A		
IIIb/c	1	1
IIIb	1	
IIIa/b	1	
IIIa	11	
III	2	
II/IIIa	3	
II	1	
Isi-c/Id	1	
Isi-c	2	
IcI	1	
IgI/Isi	1	
Valley Margin		
IIIc	1	1
X/IIIa/b		
X	2	

one side as well as a small patch of striations on the other side. The overall flatness and smoothness of this gray slate piece could be due to stream rolling. Specimen 22L-20 is triangular in shape suggesting some cultural modification; however, there are no unequivocal signs of human modification.

DISCUSSION

Ground stone was recovered from Early Paleoindian to Late Prehistoric contexts at the Wilson-Leonard site. Although the presence of ground stone artifacts has generally

been interpreted as evidence of plant processing, the low number (N=113) of these artifacts recovered from the site does not necessarily imply that little plant processing was performed (Black and McGraw 1985:170; Hester 1971a:121; Kraybill 1977:485; Prewitt 1981a; Stahl 1989:174). The use of perishable materials in plant processing has been documented (Stahl 1989:175) with the recovery of a wooden mortar and pestle at a site in Val Verde County, Texas (Hester and Collins 1968), and a wooden mortar found in a cave in Terrell County (Prewitt 1981b).

Sixty-four percent of the ground stone specimens were recovered from the Valley Floor (68 from Valley Floor A and 4 from Valley Floor B), 30% from the Valley Margin, with the remaining 6% from indeterminate contexts. The highest percentage (22%) of ground stone artifacts were recovered from Early Archaic contexts, with the lowest percentage (.02%) associated with the Early Paleoindian period. Sixty percent of all the ground stone specimens date to the Archaic period. The quantity and variety of the Archaic tools indicates the extensive use of ground stone implements at this time as well as an increase in the diversity of the tool kit from Paleoindian times. The notched stones recovered from Late Paleoindian/Early Archaic contexts point to the importance of fish as a resource during these times. The number of artifacts and the different signs of wear observed on these artifacts suggests that by the end of the Early Archaic, plant processing was firmly in place. Specifically, the polish observed on the manos and metates implies that the processing of grasses had become important.

CHAPTER 21

MODIFIED BONE AND SHELL

by Leslie C. Shaw

INTRODUCTION

The excavations at the Wilson-Leonard site recovered a small sample of modified bone, antler, and marine shell from a variety of contexts. A total of 24 modified bone and antler artifacts was found, and 1 possibly utilized bone fragment was also identified. The low number of modified bones from this site is probably due in large part to the generally poor organic preservation conditions at the site. Heavy surface weathering reduces the likelihood that modified bone can be recognized. In Texas sites with good bone preservation, bone artifacts often make up a large part of the artifact inventory for both Archaic and Late Prehistoric periods; some Paleoindian assemblages also contain bone artifacts. It is likely that the bone and antler specimens recovered from Wilson-Leonard represent only a few of the actual number of artifacts of these materials used for tools and ornaments at the site.

The marine shells from Wilson-Leonard include two marine gastropod species that can be found along the Texas coast. These shells were minimally modified to create a hole to allow for stringing. The recovery of modified marine shell at this interior location is particularly relevant to the discussion of either long-distance trade with coastal populations or travel to that region.

This chapter begins by providing a detailed descriptive accounting of the modified bone, antler, and marine shell assemblage from the Wilson-Leonard site. This is done to encourage comparative study of these specimens with artifacts from other localities. The small sample size from Wilson-Leonard limits the development of functional and stylistic interpretations of this assemblage in isolation, but it can provide useful data if viewed in broader regional and temporal contexts. The bone and antler artifacts are grouped in categories following those developed by Hall (1981) for the analysis of the large sample recovered from sites in the lower Brazos River valley. The categories represented in the

Wilson-Leonard assemblage include pointed bone (N=13), tubular bone (N=1), modified antler (N=1), fragmentary modified bone (N=9), and an expedient bone fragment (N=1). All of the marine shells (N=6) are similar in their type of modification and probable use. Full provenience of bone and shell artifacts is provided in Table 21-1.

DESCRIPTIONS OF BONE, ANTLER, AND SHELL ARTIFACTS

Pointed Bones (Figure 21-1a-f)

Specimen 173-1

Measurements: length=8 mm; width=2 mm; weight=<0.1 g
Description: This small artifact fragment is the pointed end of a tool, possibly a needle or small awl. The artifact is burned and has polish on the surfaces around the tip. There is a very small, old flake removed from the pointed end which is probably from use. The opposite end has an old break. It cannot be determined which type of animal this bone tool was made from, but the density suggests it is from a mammal.

Specimen 203-9 (see Figure 21-1c)

Measurements: length=8 mm; width=2 mm; weight=<0.1 g
Description: This artifact is a small pointed end of a tool. The artifact has polish on the pointed end and an old break on the opposite end. It is too small to determine the animal species the bone is from, but the denseness suggests it is from a mammal.

Specimen 309 (see Figure 21-1a)

Measurements: length=40 mm; width=8 mm; weight=1.0 g
Description: This fragment includes the pointed or working

TABLE 21-1
Provenience of Modified Bone and Shell

Item	Strat. Unit	Square	Level	Feature	Archeological Chronology	Category
TP1A-6	IIIc	Test Pit 1A	1		Late Prehistoric	Miscellaneous bone fragment
4A-16	IIIc	E22/S98	1		Late Prehistoric	Pointed bone
5B-10	IIIc/pot	E20/S96	2	BRM 1	Late Prehistoric or Archaic	Pointed bone
7A-24	IIIc/pot	E20/S92	1		Late Prehistoric or Archaic	Pointed bone
1C-8	IIIc	E20/S100	3	BRM 1	Late Archaic	Expedient bone tool
36D-31	IIIc	E40/S70	4	120	Late Archaic	Miscellaneous bone fragment
51LC-6	III	E2/N8	12		Archaic (undifferentiated)	Pointed bone
22M-37	IIIa/b	E22/S82	13		Early Archaic	Pointed bone
37R1C-10	IIIa	E28/S78	18A		Early Archaic	Pointed bone
29R2-16	IIIa	E24/S76	18B		Early Archaic	Antler
14X2-2	Isi-c/Id	E20/S78	24B		Late Paleoindian	Miscellaneous bone fragment
15CC1-2	Isi/Icl/Isi-c	E20/S76	29A		Paleoindian (undifferentiated)	Miscellaneous bone fragment
33CC2A-2	Isi-c	E26/S76	29B		Late Paleoindian	Miscellaneous bone fragment
258-13	IIIc	17	4		Late Prehistoric or Late Archaic	Tubular bone
309	IIIc	17	4		Late Prehistoric or Late Archaic	Pointed bone
203-9	IIIc	20	7		Late Archaic	Pointed bone
323-8	IIIb/c	11	5		Late Archaic	Miscellaneous bone fragment
506-6	IIIb/c	14	8		Late Archaic	Pointed bone
489-1	IIIb	20	13		Middle Archaic	Miscellaneous bone fragment
583-7	IIIb	38	14		Middle Archaic	Pointed bone
763-7	IIIa	12	17		Early Archaic	Pointed bone
978-4	IIIa	25	24		Early Archaic	Modified shell
173-1	IIIa	38	21	231	Early Archaic	Pointed bone
1668-8	Y	100	11		Early Archaic	Modified shell
1668-9	Y	100	11		Early Archaic	Modified shell
1668-10	Y	100	11		Early Archaic	Modified shell
1668-11	Y	100	11		Early Archaic	Modified shell
1964-2	II/IIIa	38	25		Early Archaic or Late Paleoindian	Miscellaneous bone fragment
1143-5	II/IIIa	49	22	231	Early Archaic or Late Paleoindian	Miscellaneous bone fragment
2071-1	II	28	31	254	Late Paleoindian	Modified shell
436	Unknown*	17	0		Unknown	Pointed bone

*Specimen found in wall cleaning; no level recorded.

end of a tool. It is weathered and exhibits some polish around the tip which may be from use. The opposite end has a break that looks more recent than the other weathered surfaces. The artifact was made from a section of a large mammal diaphysis fragment which was shaped along its edges.

Specimen 436

Measurements: length=19 mm; width=6 mm; weight=0.2 g
Description: This artifact is the pointed end of a tool, with an old break present on the nonpointed end. It has a flat cross-section and exhibits polish on the tip. The tool was made from bone from a medium to large mammal.

Specimen 506-6 (see Figure 21-1b)

Measurements: length=33 mm; width=9 mm; weight=0.8 g
Description: This tool is fractured on three surfaces, but only the very tip of the working (distal) end is missing. The artifact is a flat piece of long bone with one end shaped into

a narrow, rounded tip. The tip is positioned to one side creating an asymmetrical outline shape. The opposite end and one lateral edge have old breaks. Both of the flat surfaces are polished, either from manufacture or use, and a slight burning is also present on these surfaces. This artifact was probably made from bone from a medium to large mammal.

Specimen 583-7

Measurements: length=40 mm; width=4 mm; weight=0.4 g
Description: This artifact is a fragment of a pointed tool with a lenticular cross-section. The artifact is in two pieces that fit together and the break appears recent. The tip end has polish to about 20 mm down the midsection, which could be from manufacture and/or use. The break on the opposite end is old. This tool was made from bone from either a medium mammal or large bird. There is a remnant of the natural interior curve of the bone that indicates the size of the animal, but the type could not be determined.

FIGURE 21-1. Modified bone artifacts (pointed tip). Specimen numbers: (a) 309; (b) 506-6; (c) 203-9; (d) 763-7; (e) 7A-24; (f) 5B-10.

Specimen 763-7 (see Figure 21-1d)

Measurements: length=3 mm; width=10 mm; weight=<0.1 g
 Description: This small artifact is the pointed end of a tool, possibly a needle or small awl. The pointed end has a slight beveling of surfaces from manufacture, and the opposite end exhibits an old break. The surface of the tool shows polishing that is probably from use. The artifact was made from a dense bone which likely came from a mammal, but the tool is too small for clear species identification.

Specimen 4A-16

Measurements: length=20 mm; width=10 mm; weight=0.4 g
 Description: This fragmentary artifact is the working end of a tool, with the majority of the object missing. The working end is shaped into a rounded point. The tip shows minor indications of either manufacture and/or use. This artifact was made from a large mammal bone and is probably an ulna diaphysis fragment of a large artiodactyl (most likely white-tailed deer).

Specimen 5B-10 (see Figure 21-1f)

Measurements: length=64 mm; width=20 mm; weight=4.3 g
 Description: This artifact was manufactured from the left ulna of an artiodactyl, probably *Odocoileus virginianus* (white-tailed deer). The bone is missing its proximal articular end, and the distal end utilizes the natural shape of the bone with minimal modification to create a slightly rounded working end. The working end is beveled and has a faint polish, both of which are probably from use. A more noticeable polish is present along one lateral edge of the tool, although

much of the artifact surface has heavy weathering.

Specimen 7A-24 (see Figure 21-1e)

Measurements: length=65 mm; width=30 mm; weight=5.8 g
 Description: This specimen is a modified artiodactyl ulna very similar to Specimen 5B-10. The bone used to manufacture the tool is a left ulna from what is probably *Odocoileus virginianus* (white-tailed deer) based on size. The proximal articular end has broken off, and the surfaces of this portion of the tool are very weathered. The articular surfaces remaining from the proximal end have been shaped to reduce their projection and are smoothed. The distal end of the bone has been rounded with some of this rounding probably from heavy use. There is a faint polish around the working end up to several centimeters from the tip.

Specimen 22M-37

Measurements: length=36 mm; width=9 mm; weight=1.1 g
 Description: This modified bone is the working end of a pointed tool. The end is shaped to a point, but the very weathered and pitted surface does not show traces of manufacture. There are small chips removed from the tip that look like they could have been removed from use. The tool was manufactured from a large mammal bone, probably a long-bone diaphysis section.

Specimen 37RIC-10

Measurements: length=15 mm; width=4 mm; weight=0.1 g
 Description: This small artifact is the pointed end of a

tool. The tip end of this artifact has a small, recent break, and the opposite end has an old break. The white, chalky appearance of this artifact may be due to either heavy burning or weathering. No clear polish from use is evident. It was made from bone from either a medium mammal or large bird.

Specimen 51LC-6

Measurements: length=27 mm; width=11 mm; weight=1.0 g
Description: This specimen is the working end of a pointed tool. The small break on the tip appears to be old and may have originated from use. The nonbroken areas of the artifact exhibit both striations and polish over much of its surfaces which probably remain from both original manufacture and then use. The very heavy polish directly around the tip is likely from use. This tool has possibly been heat hardened, but it is not clearly burned. This tool was made from a long-bone diaphysis from a large mammal, probably *Odocoileus virginianus* (white-tailed deer).

Tubular Bone (Figure 21-2)

Specimen 258-13

Measurements: length=9 mm; width=26 mm (largest piece); weight=0.7 g

Description: The bone artifact represented by Lot 258 is a fragmented bone tube with a cross-hatched, incised design. The 12 pieces of this artifact are weathered and, although some of the pieces fit together, the artifact is incomplete even if all the pieces are considered. The tube is made from a thin-walled long-bone shaft which is probably from a large bird. The decoration is incised into the bone in a spiraling motif, with two fields of cross-hatching preserved on the fragments recovered. There is no indication of burning or use wear on the artifact.

Miscellaneous Bone Fragments

Specimen 323-8

Measurements: length=16 mm; width=4 mm; weight=0.1 g

Description: This artifact is a midsection fragment of what may have been a pointed tool. It has old breaks on both ends and along one edge, leaving only one original edge. This original edge is smoothed and polished as are the two flat surfaces of the tool. The artifact is weathered but not burned. It was made from bone from a medium to large mammal.

Specimen 489-1

Measurements: length=31 mm; width=9 mm; weight=0.5 g
Description: This example of modified bone includes two

pieces that fit together and represent the midsection of a tool. Both the proximal and distal (working) ends are missing. The tool was made from a diaphysis fragment of a large mammal and was shaped and rounded on both lateral edges. It also has polish on both flat surfaces which is probably from tool shaping during manufacture. Both ends have old breaks, with the narrower end showing possible use after the break occurred. It cannot be determined if the working end was originally pointed or spatulate.

Specimen 1143-5

Measurements: length=9 mm; width=7 mm; weight=0.2 g

Description: This small bone fragment is probably the midsection of a tool. It has old breaks on both ends, with one break removing most of one edge. The opposite edge has been shaped, and striations that are probably from manufacture are present on both flat surfaces of the tool. The artifact is burned. The density of the bone suggests it is from a medium to large mammal.

Specimen 1964-2

Measurements: length=11 mm; width=6 mm; weight=0.2 g

Description: This artifact is probably the midsection of a tool with a pointed or spatulate end. Old breaks are present on both ends, and the lateral edges are shaped and rounded. The flat surfaces are smoothed and polished which probably occurred during manufacture. The artifact is completely burned. The bone is dense and there is a slight remnant of an interior curve which suggests that it was made from bone from a medium-sized mammal.

Specimen TP1A-6

Measurements: length=14 mm; width=8 mm; weight=0.5 g

Description: This specimen of modified bone is probably a midsection fragment of a pointed or blunt-end tool. The fragment has a roughly triangular cross-section and has striations and polish, which likely relate to manufacture, on the original surfaces. This artifact is heavily burned and the angular broken edges suggest the tool was fractured by fire. It was made from a large mammal diaphysis fragment.

Specimen 14X2-2

Measurements: length=15 mm; width=7 mm; weight=0.2 g

Description: This artifact is probably a midsection of a pointed or spatulate tool. The specimen has breaks on two ends and exhibits some minor burning. Striations on the surface may remain from the original shaping of the tool. It also has a heavy polish on the unbroken surfaces, including the sides. This heavy polish may indicate its use as a needle or awl for basketry or other soft fiber. The artifact was made from a flat bone, probably a scapula fragment or rib from a large mammal.

FIGURE 21-2. Tubular bone artifact fragments with incised crosshatched design, Specimen 258-13.

Specimen 15CC1-2

Measurements: length=15 mm; width=5 mm; weight=0.2 g

Description: This shaped bone fragment has breaks on three sides, leaving little evidence of the original shape of the artifact. The remaining edge is rounded and has striations and polish, probably from manufacture. The specimen is also heavily burned. Its inner curvature suggests it was made from a long-bone diaphysis fragment of a medium- to large-sized mammal.

Specimen 33CC2A-2

Measurements: length=14 mm; width=10 mm; weight=0.6 g

Description: This artifact fragment is probably the non-working end of a tool, with its pointed or spatulate working end missing. This object has been shaped into a rounded beveled end. This beveled end has striations that probably remain from manufacture. The specimen is heavily burned. It was manufactured from a large mammal diaphysis section.

Specimen 36D-31

Measurements: length=23 mm; width=5 mm; weight=0.5 g

Description: This midsection of an artifact is possibly from a thin awl or needle. The artifact has been heavily burned, and the angular breaks on each end suggest that it was fractured in a fire. There are striations on the surface which probably remain from shaping during manufacture. The density of the bone suggests it is from a medium to large mammal.

Expedient Bone Artifact

Specimen 1C-8

Measurements: length=55 mm; width=16 mm; weight=5.8 g

Description: This bone is a possible expedient tool with no postbreak modification. The rounded end was created by spiral fracture of the bone and slight rounding of the end

may have occurred from use. There is no clear polish on the rounded end. The bone is a diaphysis fragment of a long bone from an artiodactyl, probably *Odocoileus virginianus* (white-tailed deer).

Antler Artifact

Specimen 29R2-16

Measurements: length=18 mm; width=10 mm; weight=0.9 g

Description: This specimen was identified as a modified piece of antler, likely from deer. It is fragmentary and includes only the tip or pointed end of a tool. The almost conical cross-section suggests it may be a fragment of a projectile or a heavy-duty punch. The small fragment missing from the tip appears to be from a fresh break while the opposite end has an old, angular break. The pointed end exhibits some minor polish and there is burning or scorching along one side.

Marine Shell Artifacts (Figure 21-3)

Specimen 978-4 (see Figure 21-3a)

Measurements: length=9 mm; width=8 mm; weight=0.3 g

Description: This single modified shell is of the genus of marine gastropod *Neritina* sp., probably the olive nerite (*N. reclinata*). This specimen is complete except for the area that was ground to create a hole in the shell, probably for stringing. The hole was abraded in the dorsal surface of the shell, opposite from the natural opening.

Specimens 1668-8, 1668-9, 1668-10, 1668-11 (see Figures 21-3b-e)

Measurements: length=10-12 mm; width=6-7 mm; no weights; dirt inside shells would bias weight

Description: These specimen lots include four examples of modified marine shell that are all of the species *Prunum*

FIGURE 21-3. Modified marine shell artifacts. Specimen numbers: (a) 978-4; (b) 1668-8; (c) 1668-9; (d) 1668-10; (e) 1668-11; (f) 2071-1.

apicina (marginella). These shells are complete except for the areas abraded to create holes. The abrasion was done on the ventral surfaces, opposite from the natural openings.

Specimen 2071-1 (see Figure 21-3f)

Measurements: length=12 mm; width=7 mm; weight=0.4 g
Description: This marine shell is very similar to Specimens 1668-8, 1668-9, 1668-10, and 1668-11. It is of the marine gastropod *Prunum apicina* (marginella) and is complete except for the area abraded to create a hole. The hole was abraded on the dorsal surface of the shell like the other examples from the site.

INTERPRETATIONS

Modified Bone and Antler Artifacts

The sample of modified bone from the Wilson-Leonard site can be divided into three general categories based primarily on shape, with the one antler artifact considered as a fourth category. Of the 23 examples of modified bone, 13 are fragments of the working end of a pointed tool. One fragmentary tubular bone artifact was found, and it is the only specimen with an incised decoration. The fragmentary modified bone sample includes 7 examples identified as pieces of tool midsections, 1 of which is interpreted as the proximal (or nonworking) end of an artifact, and 1 fragment of unknown tool portion. The 1 example of a possibly utilized but not modified bone is included to emphasize the potential for the expedient use of bone which is likely underidentified in the archeological assemblage.

The 13 bone artifacts with a working end shaped into a pointed end could be subdivided into several forms based on the typology developed by Hall (1981). Pointed bone artifacts have often been called awls in the archeological literature and include tools that might have been used for hide working, basketry, sewing, net making, or other production tasks using relatively soft materials. Their use as hairpins and clothes fasteners has also been suggested. Little work has been directed to identifying use wear on bone artifacts, so the interpretations of function remain gen-

eral. Hall (1989) has argued, using ethnographic sources from Texas and the Southwest, that there may be functional differences within the pointed tool category between those that are markedly pointed and those with more rounded ends. He argues that the rounded-end tools, which often have a hole near the proximal end and an incised design, could have been used in personal hygiene as head scratchers/louse crushers and/or as sweat scrapers, while the pointed tools may have been used as awls.

The examples from the Wilson Leonard site (e.g., see Figure 21-1a) are primarily the sharp-tipped awl type as opposed to the rounded-end type discussed by Hall (1989). They match most closely the subcategories of pointed tools defined by Hall (1981) for the Ernest Witte site as Forms 6 and 7, which are long, slender tools made from large mammal long-bone segments. No incised designs were noted on the examples from the Wilson-Leonard site, although only one proximal tool end (Specimen 33CC2A-2), the area where design is most often incised, was recovered. The seven modified bone fragments that were thought to be tool midsections could have originated from both the pointed and rounded-end types of artifacts.

There is one example of a pointed-tip artifact that stands out from the general category of pointed end tools (Specimen 506-6; see Figure 21-1b). This piece of mammal bone has a broad midsection, similar to the awls from the site, but the working end has been carefully shaped to create a fine tip with a round cross-section. The tip is positioned off-center to the midsection. The end of the tip is missing but would probably look like three other specimens recovered from the site, Specimens 173-1, 203-9, and 763-7. These three small fragments have fine tips as working ends and a round cross-section. Although in their fragmentary condition they might be classified as needle tips, it is equally plausible that they are broken tips from a tool like Specimen 506-6. This tool is most similar to Hall's (1981) Form 11, which includes several fine-tipped tools made from large mammal long bones from the Ernest Witte site. A similar example is known from 41LK201 in southern Texas (Highley 1986). This fine-tipped tool may have had a special and specific function apart from the general awls. Further research into this tool type at other sites may help define a distinct bone tool category.

The modified bone assemblage includes two examples of modified deer ulnae (Specimens 5B-10 and 7A-24), a tool type that is widespread in Texas (e.g., Hall 1981; Harrell 1983; Schuetz 1961). The Wilson-Leonard examples are both missing the proximal ends, with old breaks in the area of the epiphyseal suture. The distal ends have been shaped so that the naturally constricting diaphysis has a rounded working end. The specimen designated as 5B-10 has a slightly beveled end with slight polish and more prominent polish along one side of the midsection. The second example, Specimen 7A-24, has a more rounded end with faint polish evident near the tip. One possible working end of an ulna

tool was also recovered (Specimen 4A-16), but only 20 mm of the tool remain. This type of tool has been argued to have been used as a pressure flaker in flintknapping. Harrell (1983) conducted use-wear experiments to evaluate this interpretation and concluded that use as pressure flakers was probably the correct function of most of these tools, although two examples in her study did not fit the pattern created by use in pressure flaking, with a finer polish remaining on the modified end. This opens the possibility that this tool type was not used exclusively in flintknapping. The three examples from Wilson-Leonard (including Specimen 4A-16) have some surface weathering that obscures some of the use wear on the ends. The beveling on Specimen 5B-10 may have been created by use in pressure flaking, but the polish seen on the midsections of both tools suggests they may have had other uses.

One fragmentary bone tube (Specimen 258-13) was recovered from a Late Archaic or Late Prehistoric context. This tube is in 12 fragments and even if reconstructed, probably does not represent the complete artifact. The specimen was manufactured by using the natural tube created by a long-bone diaphysis with the epiphyseal ends removed. The bone is thin and is probably from a large bird or medium-sized mammal (e.g., rabbit). The tube was decorated with an incised cross-hatch pattern that seems to have spiraled around the tube. This type of design is similar to the geometric patterns seen on pointed and blunt-ended tools (e.g., Hall 1981).

One fragment of a tool made from deer antler (Specimen 29R2-16) was recovered from an Early Archaic context. This artifact is probably only a small fragment of the original tool which makes it difficult to interpret function. The conical shape suggests it was not an awl-type tool and may have been part of a projectile or atlatl.

The expedient bone tool included in the bone tool assemblage is a large mammal diaphysis fragment with a rounded end created by a spiral fracture, probably created by the breaking of bone for removal of marrow. There is a very faint polish on the rounded end which suggests the bone was used without modification. Incidents of such use would probably be much higher in conditions of better preservation and if magnification was used to inspect unmodified bone assemblages.

The bone artifacts from the Wilson-Leonard site are predominantly made from the long bones of large mammals. The white-tailed deer (*Odocoileus virginianus*) was the most common large artiodactyl in Central Texas prehistorically, with occasional occurrences of antelope and possibly mule deer (Brown 1989). Bison may also have been present in moderate numbers but the bone artifacts from Wilson-Leonard all appear to be made from thinner bone than that found in bison long bones. The bone tools were made from segments of the long-bone diaphysis, with the shaping done in part with an abrasive, based on the striations seen on a number of the specimens. The grooved, stone abraders found

at some Texas sites (Turner and Hester 1993:290) would have been suitable shaping tools.

The bone and antler artifacts from the Wilson-Leonard site were recovered from a variety of temporal and functional contexts. While three of the bone artifacts were found in features (two from Feature 231 and one from Feature 120), most were recovered outside of features. There does not appear to be a distinct clustering of bone tools in any one context that might suggest a specialized activity area. Some of the bone artifacts were burned (40%), and the angular fractures exhibited on several of these suggest they may have been discarded in a fire. The light scorching found on a few of these, including the antler artifact, could have occurred in the manufacturing process with heating of the tool done to increase hardness.

Bone artifacts were recovered from Paleoindian through Late Prehistoric contexts. The three specimens (Specimens 14X2-2, 15CC1-2, 33CC2A-2) recovered from Paleoindian (Paleoindian-undifferentiated and Late Paleoindian) contexts include two midsection fragments and one proximal (nonworking) end of a tool. These are all burned, which may have encouraged the long-term preservation of these artifacts. Two midsection fragments (Specimens 1143-5, and 1964-2) found in Late Paleoindian/Early Archaic contexts were also heavily burned. Four pointed bone artifacts (Specimens 173-1, 763-7, 22M-37, and 37R1C-10) and the one antler artifact (Specimen 29R2-16) came from Early Archaic contexts. The pointed tools are all small fragments of the tip end and only one shows clear burning. The Middle Archaic deposits at the site contained only three bone artifacts, and these include two pointed bone tools (Specimens 583-7 and 51LC-6) and one midsection fragment (TARL Lot 489-1). The largest sample comes from the Late Archaic and Late Archaic/Late Prehistoric contexts, and these include two deer ulna tools (Specimens 5B-10 and 7A-24) and the incised tubular bone artifact (Specimen 258-13). The two specimens from Late Prehistoric contexts include the pointed end of what was probably a deer ulna tool (Specimen 4A-16) and a midsection fragment (Specimen TP1A-6). This temporal distribution of bone and antler artifacts is not particularly noteworthy other than to suggest that bone and antler were both probably important mediums for tool manufacture as early as the Paleoindian period.

Modified Marine Shell

The marine shells found at the Wilson-Leonard site are all small gastropods that are common along the Texas Gulf Coast. These include five marginella (*Prunum apicina*) shells and one of the genus *Neritina*, probably the olive nerite (*N. reclinata*) (Andrews 1992). These shells are all largely complete, with a hole abraded into the shell surface opposite from the natural opening. This technique for creating a hole in small marine gastropod shells has been noted at other

Texas sites, both on the coast and in the interior (e.g., Campbell 1957; Collins 1968). The small sizes of these beads may contribute to their scarcity because they could pass through the 1/4-inch-mesh screens commonly used by archeologists.

An interesting aspect of the marine shells from Wilson-Leonard is the occurrence of two in early context. One specimen (2071-1) is from a Late Paleoindian context (although a rodent disturbance was noted in this square) and a second (Specimen 978-4) is from an Early Archaic context. The four specimens found together (1668-8 to 1668-11) came from

Stratigraphic Unit Y, which is associated with Early Archaic deposits in the Valley Margin.

There are very few examples of marine shells at inland Texas sites dating to these early periods, with one example being the Witte Museum site (41BX323) (Frances Meskill, personal communication 1996). The trading of marine shells into the interior of Texas during later periods has been documented as far as 250 to 320 km (160 to 200 miles) inland and include primarily ornamental artifacts in contrast to the utilitarian shell tools that are part of the artifact inventory at coastal sites (Hall et al. 1982; Hester 1971b; Steele 1988).

CHAPTER 22

MICROWEAR ANALYSIS OF CHIPPED STONE ARTIFACTS

by Marvin Kay, Dale B. Hudler, Boyce N. Driskell, and Michael B. Collins

INTRODUCTION

by Michael B. Collins

Any determination of the uses to which prehistoric stone tools were put may consider several lines of evidence and should seek concordance from as many of these as possible (Collins 1993). Artifact form, context, patterns of breakage, patterns of refurbishment, traces of wear visible macroscopically, traces of wear visible with low-power microscopy, traces of wear visible with high-power microscopy, and identification of adhering residues are all sources of archeological information. The potential value of this information is greatest when it is empowered with ethnographic and experimental analogies.

To our knowledge, no one has conducted a thoroughly comprehensive study of lithic use-wear employing in logical sequence all of the lines of evidence just enumerated for the obvious reason that it entails an enormous effort for each artifact. Paradoxically, inferred use-wear should be based on patterns within an assemblage, meaning many specimens need to be subjected to this time-consuming level of analysis. The assembled lithic studies in this report touch upon all of these lines of evidence to some degree. In the descriptive chapters (13-20), lithic artifacts are assessed for form, contexts, patterns of breakage, patterns of refurbishment, and other attributes that shed light on function. Traces of organic residue were extracted and assayed, as reported in Chapter 23. In this chapter are reported three separate microscopic use-wear studies.

The three separate studies came about partly through historical accident, and consequently, are not as integrated as they might have been. The present analysis and interpretation of the Wilson-Leonard site and its data were conceived in 1990-1991 (Collins et al. 1991). At that time, use-wear studies were almost exclusively of two kinds, the "low-power magnification" approach of Odell and others (Odell 1982) and the more prevalent "high-power, polish" approach

of Keeley, Driskell, and others (Driskell 1986; Keeley 1980). Early in this project, Boyce Driskell agreed to conduct a microscopic study of a sample of lithic artifacts for traces of use-wear. The initial small sample examined by Driskell proved not to have well-developed polishes, a finding that did not bode well for behavioral inferences. A symposium on research at Wilson-Leonard held at the 52nd Plains Anthropological Conference in 1994 included a presentation of Driskell's initial findings. Among those present was Marvin Kay who offered to see if the approach he employs in use-wear microscopy would be more effective on the Wilson-Leonard materials, and subsequently, he examined a small sample. Indeed, the Normarski optical system Kay uses revealed considerable evidence for use-wear on some Wilson-Leonard artifacts. Accordingly, Kay then examined a much larger sample. The approaches and results of Driskell's and Kay's studies are reported below.

Dale Hudler, a graduate student at The University of Texas at Austin, began in Fall of 1995 to examine a regional sample of Clear Fork tools for microscopic evidence of use-wear. Since the Wilson-Leonard site had yielded numerous Clear Fork and similar tools from comparatively well-dated archeological contexts, Hudler included the Wilson-Leonard sample in his research (Hudler 1997). His Wilson-Leonard findings are reported in this chapter.

It is important to keep in mind that these three studies were conducted entirely independently and that the three authors have different levels of experience and somewhat different perspectives on research of this kind. Logistically, it was not possible to cycle the same artifacts to all three consultants because, although they began sequentially, much of their work was done concurrently, and they held specimens for extended periods of time. Driskell examined 25 specimens; Kay, 122; Hudler, 59. Driskell and Hudler saw 4 of the same artifacts, Driskell and Kay saw 1 artifact in common, and no single artifact was seen by all three analysts. A total of 201 individual artifacts was examined, accounting

for the 5 viewed in common. This introductory discussion is concerned more with results than with methodology, and it was never intended that these three studies be a test of alternative procedures, although some may read such an interpretation into the results. Had this been a comparison of techniques, it would have been imperative that each analyst independently see the same specimens.

When the aggregate 206 sets of results are arrayed for the 201 individual artifacts examined, several important findings emerge. Driskell found a pervasive, ill-defined polish (his X-polish) that is apparently the product of soil movement. He also found comparatively little in the way of well-developed use-wear polish on most of the specimens he examined. This fact along with the interference caused by the pervasive "X-polish" forced Driskell to concentrate on those few specimens on which well-developed polish was observable through the soil polish. In the case of one hafted end scraper, polish attributable to hide working was found, and on two other unifacial pieces, polish suggestive of movement in a bone haft was observed. From these and other limited use-wear traces (noted on a drill, a retouched flake, an edge-modified flake, and an engraved flake) it is apparent that in spite of limitations, there is potentially valuable information to be gained from study of the polish developed on artifacts from this site.

Kay examined almost five times as many specimens as did Driskell and found use-related micropolish and striations on many of them. He also noted the soil polish seen by Driskell. Kay's procedures are particularly well suited to detecting minute striations that show the direction of tool movement relative to the contact material. These striations often occur in superimposed sets that can be interpreted as resulting from sequential episodes of use. In this vein, it clearly emerges that most forms of "projectile points" were also used in other ways, mostly as knives. One of the most important results of Kay's effort is identification of use-wear on small flakes—the "microlithic" tools discussed in Chapter 17. There is concordance between three lines of evidence—microcores, small modified tools, and use-wear on small flakes—to indicate the use of microlithic tools at the Wilson-Leonard site. Kay notes that the presence of use-wear on "waste flakes" might be "disconcerting" to some, but for many applications, the best cutting edges are found on the sharp margins of unretouched flakes be they small or large. This result reinforces previous findings that the byproducts of knapping were commonly selected for brief use as tools, a point well summed up by Vaughan (1985:101):

There has really never been any doubt that unretouched flakes and blades were utilized in prehistoric times . . . But unretouched stone tools have traditionally been relegated to the fringes of typological studies because the latter are based by necessity on techniques of edge modification by retouch which result in recognized characteristic forms . . . At best, unretouched flints are assimilated

lated through a typological back door if they bear *retouche d'utilisation*.

Lithic analysts cannot assume that flakes represent nothing more than waste.

Like Driskell, Kay emphasizes great as-yet-untapped potential for use-wear analyses in the Wilson-Leonard lithic collections. One of the artifact categories that Kay was unable to include in his study is the Clear Fork tools.

Fortunately, Hudler's examination of Clear Fork tools, including 56 from Wilson-Leonard (Hudler 1997:19), was completed at about the time that it became clear that Kay was not going to be able to give these sufficient attention. Hudler examined the remainder of the Wilson-Leonard specimens for a total of 59. His results indicate that these are primarily woodworking tools but that some were used instead, or also, in working other materials.

The one specimen examined by both Driskell and Kay yielded very different results under the two procedures. Use-related polish was not detectable by Driskell, but Kay was able to discern multiple sets of striae and suggest sequential use episodes. The four Clear Fork specimens examined first by Driskell and then by Hudler produced generally comparable results. Both analysts found extensive, weakly developed polish on all of the specimens. Hudler also found polish that he interprets as evidence of woodworking on one of these specimens.

The specialized subfield of use-wear studies is not without its strengths, weaknesses, and controversies. Unresolved issues embedded in the results reported in this chapter include the extent to which polish is additive or subtractive, the extent to which artifacts should be cleaned before microscopic examination, and how much experimental replication is needed for sound inferences. In spite of these, the present results are useful and important, the collections are available for additional future work, and the analytical procedures for assessing the evidence for use-wear continue to improve. Perhaps the large store of replicative evidence amassed by Keeley, Driskell, and others in combination with the high resolution of directionality possible using Kay's techniques should be used in combination toward that end.

AN ASSESSMENT OF USE-WEAR TRACES ON CHIPPED STONE ARTIFACTS

by Boyce N. Driskell

At the request of the excavators, an analysis of microscopic use-wear on 25 chipped stone artifacts from the Late Pleistocene and Early Holocene (Paleoindian and Archaic) deposits at the Wilson-Leonard site (41WM235) was conducted by the author at the Office of Archaeological Services, University of Alabama. Artifacts received for microscopic assessment were previously assigned to morphological classes. The author was asked to (1) assess potential for success in analysis of microscopic wear patterns (particularly analysis of use-wear polish) and (2) answer through

microscopic inspection, where possible, specific queries about artifact function as suggested by gross morphology. Unlike a previous study of use-wear on chipped stone artifacts from Texas (Driskell 1994), the microwear study of specimens in each morphological class was limited to an analysis protocol designed to address these two objectives. While the following discussion of methods describes techniques of analysis used, specific questions about function and the analysis protocol are discussed with each artifact category in the Results section.

Methods

The collection of 25 artifacts was classified by the excavators into the following morphological classes: Clear Fork tool (n=4), biface preform (n=4), projectile point (n=4), awl or drill (n=3), uniface (n=3), hafted end scraper (n=1), retouched flake (n=2), edge-modified flake (n=2), blade core fragment (n=1), and engraved flake (n=1). Prior to microscopic examination and as necessary during examination, specimens were thoroughly cleaned using a mild, nonabrasive detergent and small brush. In deference to potential presence of organic residues, no chemical cleaning was conducted. Each artifact was then examined according to the analysis protocol established for its morphological class.

Where called for, low-power, stereoscopic examinations were conducted using a Nikon Stereoscopic Zoom Microscope. Magnification varied from 8X to 40X; about 20X was normally satisfactory for observation of microflake scar patterns and edge attrition. Patterns of edge damage observed using the stereoscopic microscope were interpreted by reference primarily to patterns described by Odell (Odell and Odell-Verechken 1980).

Higher magnifications and epi-illumination were achieved through use of a Zeiss Compound Microscope with incident light attachment. Magnifications range from about 100X to 500X; most identifications of polish and linear features were possible at about 200X to 250X. This incident light microscope is also fitted with a closed-circuit TV camera, monitor, and image digitizer to store and manipulate computerized images. Scans of edges and areas were generally made at about 100X with areas of interest magnified to about 200X. Notes on polish, striations, or other potential use alterations were made for each specimen and keyed to specific location on outline drawings of the specimen. Methods of analysis and interpretations for microscopic polishes and linear features closely followed those advocated by Keeley (1980) and later, Vaughan (1985) and Driskell (1986). As noted below, microscopic inspection methods were tailored to questions concerning each class of artifacts.

In regard to polish identifications using the incident light microscope, patterns of brightness (polish) result from areas of microtopography that are perpendicular to the axis of the scope. The larger, smoother, and more perpendicular the area, the brighter its appearance in the scope. It should

be remembered, however, that neither damage (microscarring, abrasions, edge rounding) nor polishes are necessarily the result of use. Intentionally or otherwise, artifacts are often damaged, abraded, etc. during manufacture, curation, or after disposal.

An important concern for the microwear analyst is to determine which traces are natural or accidental and which are from use. The author takes a conservative approach to polish interpretation. Therefore, in the following discussions, unless polishes are quite well formed and extensive or definitively patterned, they are categorized by several nondefinitive labels. Ridge or edge "ribbons" are thin areas along ridges (or edges) that exhibit brightness under the incident light microscope. All ridges will exhibit some enhanced brightness but wide, consistent, and intensely bright ridge ribbons are more suggestive of use because they result from modifications to the normally sharp directional break of the ridge or edge. The term "generic polish," used below to designate areas of enhanced brightness, are areas without the magnitude of microtopographic modifications or special characteristics associated with recognizable polishes. Generic polishes may result from use but are more likely the result of other causes of damage and abrasion. Finally, the following discussion references "X-polish," a term applied to a generic polish often associated with randomly oriented striations and seen extensively on the entire collection from the Wilson-Leonard site. While called X-polish here, this polish is almost certainly from postdepositional soil abrasion.

Results

Clear Fork Tools

Four artifacts from this morphological class were examined (Figure 22-1) to determine if use-wear on the bit of each tool suggested woodworking and if there was any indication of hafting from polish in the area of the butt. Thus, each side of the bit edge was examined for wear traces using the incident light microscope. Also, each edge near the potential hafting area, along with a transect along the medial ridge of each side of the specimen, was examined for wear traces with the incident light microscope. No other areas were examined microscopically.

Specimen 25BB2D-1 is an intact ovoid biface (Side 1 illustrated, Figure 22-1a). The specimen exhibits a dull abrasive but poorly formed polish across most of the edges and surfaces that were inspected. This polish is particularly well formed on the medial ridge of Side 1. Where well formed, striations are easily observed. This polish is most similar to hide polish but is thought to derive from postdepositional movements in the soil. Reasons for this interpretation include (1) the almost ubiquitous presence of this type of polish on the sample of 25 artifacts examined, and (2) the rather random and extensive presence of the polish on edges and ridges of most specimens. Although thought to result

from soil movements, this type of polish is referred to as X-polish in discussions below. No other polish or use-wear traces were detected on the bit edge (Area A) or in the potential hafting areas (B1, C1) of this specimen.

Specimen 51AA1D-3 is a similar type of artifact (Side 2 illustrated, Figure 22-1b) with quite similar patterns of microscopic polish. X-polish is extensive on the edge of Area A (bit) but is poorly developed. No well-developed polishes were seen on edges in the potential hafting areas (B1, C1), but one area (C2) on Side 2 shows accentuated X-polish development with clearly perceived striations. Interestingly, a flake scar in Area A (Side 1) appears more recent and does not exhibit as much X-polish. No other polish or use-wear traces were observed.

Specimen 15AA2-2 is a fragment (bit end) of an artifact similar to the others in this category (see Figure 22-1c). X-polish was observed on the bit edge (Area A). The area around A1 is partially coated with plastic (PVA) from labeling. X-polish was also found on areas of the break facet (Area D). No other polish or use-wear traces were observed on the artifact.

Specimen 50BB1D-2 is, conversely, the potential haftable end of an artifact similar to the intact specimens in this category (Side 2 illustrated, Figure 22-1d). X-polish is generally poorly formed but was found extensively along the break facet (Area A) and edges (B1, C1) on the opposite end. This polish was well formed in Area B2, an area on and near the medial ridge of Side 2. In this area, polish exhibited numerous striations or scratches and crazing similar to some stone-on-stone abrasions. Also, well formed X-polish was observed on the corner (Area A1) of the break facet. No other polish or use-wear traces were observed on this specimen.

No polish indicative of use or of hafting was recognized on any of these tools. However, a type of somewhat abrasive, medium-bright polish (referred to as X-polish) was seen extensively. This appears to be postdepositional soil polish (discussed further in the Conclusions below).

Biface Preforms

Four similar, bifacially worked artifacts, thought to be biface preforms by the excavators, were inspected (Figure 22-2). If present, use-wear would suggest other functions for these artifacts. To address this question, each specimen was subjected to analysis by scanning each bifacial edge at high incidence (that is, viewed edge on). Normally, bifacial edges (which are usually quite strong) will exhibit some polish (viewed edge on) in areas that have been consistently used. Where polish is seen edge on, closer inspection of adjacent faces (sides) is warranted. Break facets were also scanned for any traces of use after breakage.

Specimen 30HH2C-1 is an ovoid biface with one end missing (Figure 22-2a). Considerable rounding of the edge is apparent in Area C. This rounding is probably the result of platform preparation during manufacture. The break facet is

undamaged. Polish formation (X-polish) is extensive but uniformly diffuse and poorly formed. The artifact does not appear to have been used.

Specimen 51AA1D-2 is an intact, trianguloid biface (Figure 22-2b). Area D is faceted with sharp, undamaged edges. The edge in Area B is heavily rounded or battered (platform preparation) but good polish is limited to Area B1 which exhibits a small area of X-polish. Metal scrapings (from excavation?) occur at Areas B1 and B2. There is also a small area of better-developed X-polish at Area A2. Otherwise, diffuse X-polish and thin edge ribbons were seen along artifact margins. The specimen does not appear to have been used.

Specimen 35CC2D-1 is an elongated, ovoid biface with one end missing (Figure 22-2c). Intact edges are rounded and battered. The break facet (Area D) exhibits sharp, undamaged edges. Area D1, near the corner of the break facet, exhibits a small area of well-developed X-polish. Otherwise, diffuse X-polish can be seen on most edges as thin, discontinuous ribbons. There is no evidence of use of the artifact.

Specimen 29JJ1D-1/29II2B-1 is an ovoid biface found in two pieces (Figure 22-2d). An additional piece from one end is missing. Edges are fairly sharp with some limited rounding or battering. Small areas of diffuse X-polish were observed along the artifact's edges. No additional polish was noted. There is no evidence of use of this artifact.

In summary, biface preforms examined exhibit no polish or other wear traces indicative of use as a tool in contact work situations. Rounding and rounding/battering of edges are, in all likelihood, the result of platform preparation during manufacture (Sheets 1973). It is reasonable to assume that these artifacts are preforms. All four biface preforms exhibit the so-called X-polish to lesser or greater degrees.

Projectile Points

Four projectile points (Figure 22-3) were examined for any evidence of use and for evidence of hafting or hafting materials. Like the biface preforms, edges were scanned at high incidence, break facets were scanned, and a medial transect in the hafting area was scanned using the incident light microscope.

Specimen 1070-2 is a small, side-notched projectile point (San Patrice ?) with one shoulder and side missing (Figure 22-3a). No polish or other probable use damage other than diffuse extensive X-polish was seen on the intact edges of the specimen. Area A1 is a small notch, possibly of postdepositional origin. No microscarring or polish was observed associated with this area. A medial scan revealed no polish resulting from hafting.

Specimen 32CC2B-1 is a nearly intact, corner-notched Wilson projectile point with missing distal tip and missing basal corner (Figure 22-3b). Microscopic scans of intact edges revealed no polish other than diffuse, extensive X-polish. The missing tip possibly results from impact. No polish from hafting was found.

FIGURE 22-1. Microwear traces on Clear Fork tools from the Wilson-Leonard site. Specimen numbers: (a) 25BB2D-1; (b) 51AA1D-3; (c) 15AA2-2; (d) 50BB1D-2.

FIGURE 22-2. Preforms from the Wilson-Leonard site examined for microwear traces. Specimen numbers: (a) 30HH2C-1; (b) 51AA1D-2; (c) 35CC2D-1; (d) 29JJ1D-1/29II2B-1.

Specimen 34EE1B-1/35EE1A-1 is a corner-notched Wilson projectile point in distal and proximal fragments (Figure 22-3c). Microscopic scans at high incidence on edges identified no polish other than X-polish. Additionally, no polish identified as resulting from hafting was observed.

Specimen 17JJ2/KK1-3 is a small, lanceolate projectile point with recurvate edges, slightly expanded basal area, and incurvate base (Figure 22-3d) ("the Bone Bed Point"). The tip is missing and one side is damaged. This may be the result of impact. High incidence and edge-on microscopic

FIGURE 22-3. Projectile points from the Wilson-Leonard site inspected for microwear traces. Specimen numbers: (a) 1070-2; (b) 32CC2B-1; (c) 34EE1B-1/35EE1A-1; (d) 17JJ2/KK1-3.

scans of intact edges identified no polish other than extensive, diffuse X-polish.

No polish or other alterations were found that suggest use other than probable impact fractures on one specimen and a possible impact fracture on another.

Perforators/Drills

Three perforators (Figure 22-4) were examined for any evidence of bit use in either rotational or longitudinal actions,

and for evidence of hafting. All are bifacially worked. Like other bifaces examined, each edge of the bit area was scanned at high incidence, and a medial transect was scanned on each side near the base using the incident light microscope.

Specimen 25CC1A-1/26Y1C-2 is a long chipped stone perforator with a spatulate base (Figure 22-4a). Two fragments, broken in antiquity, are present constituting the entire artifact. High incidence scans of edges along the bit margins revealed little polish development of any kind. Also, there was no good polish seen on the tip. Medial transect

FIGURE 22-4. Perforators or drills from the Wilson-Leonard site inspected for microwear traces (a-c) and photomicrograph of polish. Specimen numbers: (a) 25CC1A-1/26Y1C-2; (b) 16AA2-1/31EE1D-1; (c) 1397-1; (d) 1397-1, photomicrograph of Area C1.

scans of both sides of the base revealed moderate development of X-polish on interior ridges and facets, but no evidence of hafting was seen. This artifact was not used substantially as a perforator or drill.

Specimen 16AA2-1/31EE1D-1 is a chipped stone perforator bit in two fragments with the tip and base missing (Figure 22-4b). High incidence scans of edges along the bit margins suggest little polish formation of any kind. The

break facet and edges of the missing tip are sharp and exhibit no substantial polish development. Basal medial transect scans of each side of the proximal fragment failed to reveal any polish or other damage from hafting. X-polish was moderately developed on interior ridges, however. This artifact does not appear to have been used.

Specimen 1397-1 is a complete, expanded base, chipped stone drill in three pieces (Figure 22-4c). Stereoscopic exami-

nation revealed little rounding on or near the tip, which appeared intact. High incidence scans of each edge of the perforator revealed the extensive but moderate accumulation of calcium carbonate on surfaces. In spite of this, several areas were identified where polish is present. The artifact was not subjected to acid treatment to remove calcium carbonate. Area D1 exhibits polish of moderate development, while C1 is a similarly developed polish in a somewhat larger area. Both of these areas were recognized in edge-on scans. While resembling X-polish and generic polish, each of these areas may represent bone polish in an incipient stage of development. Interestingly, their juxtaposition on the artifact's opposite edges may in itself suggest use. Additionally, narrow ribbons of generic polish on the tip along with striations perpendicular to the perforator axis may have resulted from use. Basal medial transect scans of each side of the base failed to reveal any polish or alterations indicative of hafting. X-polish was well developed at Area F1. In summary, while polish and striations on the specimen may have resulted from postdepositional damage (soil movements, etc.), orientation of striations and location of polish on the shank is suggestive of use. Polish seen at Areas C1 (Figure 22-4d) and D1 are most similar to that produced when working bone or antler.

None of the specimens exhibits good evidence of use although one specimen (1397-1) exhibits polish that may be from bone or antler working. One area on this tool also exhibits clear striations perpendicular to the edge, a pattern consistent with potential use as a drill.

Unifaces

Unifaces (Figure 22-5) were examined by the author with the goal of defining damaged edge areas, use areas, nature of use, and work materials, where possible. To accomplish this, each artifact was examined under the stereoscopic microscope (at about 20X) to delineate areas of systematic microscarring on edges. Then, these areas were subjected to examination of each face of the edge under incident light microscopy.

Specimen 26CC2C-1 is a thin uniface made on a large flake with unifacial retouch along two edges forming an elongated spur (Figure 22-5a). Stereoscopic examination revealed systematic retouch along Areas A, B and C on Side 2. Many small step fractures and areas of battering suggest hard-hammer preparation. Edges are slightly rounded. Incident light microscopy on each side of edges A, B, and C revealed the presence of X-polish with some striations perpendicular to the edge. Area C1 exhibits a fairly consistent ribbon on Side 1 of rough, bright polish, possibly from working bone or antler (Figure 22-5b). Area C2 (Side 2) also exhibits an areally limited but well-developed polish similar to that of Area C1. A possible interpretation for the observed patterns, also suggested for the artifact discussed next below, is that the spur was prepared and socketed into a haft of bone or antler.

Specimen 16IIIC-2 is a thin uniface (Figure 22-5c) with a pronounced medial ridge and a steeply retouched end (Area A). Stereoscopic examination revealed generally undamaged, sharp edges along blade margins with steep and step scarring in Area A as the result of percussion retouch. Incident light microscopy of Area A failed to identify any firm evidence (polish, linear features) for use of this steep edge. Moderate development of X-polish was noted in the area. The artifact was probably never used as a tool, or alternatively, it was systematically resharpened after its last use.

Two of the unifaces examined exhibit polish somewhat suggestive of bone polish. The morphology of these two specimens is such that prominent, edge-retouched protrusions are suitable for hafting (socketing) in a bone or antler handle. Polish placement on each specimen is supportive of this interpretation. Apparently, the remaining specimen was not used. Otherwise, each of the three specimens exhibits extensive X-polish thought to be from soil movement. Also, one specimen was extensively encrusted with calcium carbonate.

A single hafted end scraper was examined (Figure 22-5d). This specimen (24Z1D-3) is a thin uniface with a broadly rounded, steeply retouched end (Area D) and corner-notched base for hafting (A, B, C). Queries for the author included only bit wear presence and type, but the base was also examined for possible indications of hafting and material type. Scans utilizing the incident light microscope in Areas A through C revealed little other than X-polish except in Area A1. Here, polish is better developed, but the material that produced the polish is not known. However, this area (A1) of polish may have resulted from hafting. Notches (B and C) showed little polish.

Area D (Side 2, trailing edge of bit) exhibits especially well-developed areas of polish. A generally wide, continuous ribbon of polish with perpendicular striations is present on the use edge. This polish is particularly pronounced in the Area D2 (edge on and Side 2) (Figure 22-5e). The texture, brightness and placement of this polish is consistent with interpretation of scraping fresh hides. The artifact is a hafted hide scraper. Area D1 (Side 2) is a spot of polish that appears to have resulted from more abrasive work materials (stone on stone?) and may be part of the so-called X-polish ubiquitous to these stone tools.

All edges of two thin unifaces were scanned using the stereoscopic microscope to identify systematically modified edges (Figure 22-6a, b). These edges were then scanned (both sides) for evidence of use wear using incident light microscopy.

Specimen 37Z1D-2 is a thin uniface (see Figure 22-6a) with retouch along Areas A and B on Side 2 only. Retouch in these two areas is overlaid by some microscarring on the same surface (Side 2) suggestive of use of these edges for scraping. Area C exhibits some irregular retouch or damage, but most of the edge is part of the weathered cortical material on this specimen. Irregular retouch and damage in

FIGURE 22-5. Unifaces from the Wilson-Leonard site examined for use wear. Specimen numbers: (a) 26CC2C-1; (b) 26CC2C-1, photomicrograph of Area C1 showing possible bone/antler polish; (c) 16II1C-2; (d) 24Z1D-3; (e) 24Z1D-3, Area D2, Side 2.

FIGURE 22-6. Unifaces and retouched blade from the Wilson-Leonard site examined for use wear. Specimen numbers: (a) 37Z1D-2; (b) 37Q1A-1; (c) 14EE2B-2; (d) 14EE2B-2, photomicrograph of Area A1.

this area may have resulted from intentional attempts to blunt or “back” the artifact. Incident light microscopy of Area A reveals extensive presence of X-polish. Area A1 (Side 2) is a spot of metal(?) scraping while A2 exhibits moderately well-developed X-polish or incipient bone polish on Sides 1 and 2. X-polish was also seen in Area A/C1 on the interior surface, Side 1. It is difficult to interpret this evidence: X-polish is extensive, but some areas of Area A exhibit similar but possibly better-developed polishes that may be from use of the artifact as a scraper. If used, the work duration was probably short. This may be an example of an expedient tool which was picked up, used briefly as a scraper, and discarded.

Specimen 37QQ1A-1 is a thin uniface (see Figure 22-6b) with retouch on Side 2 of Area A and steeply bevelled retouch on Side 2 in Area B. From stereoscopic scans of the edges, it appears that systematic damage or retouch is restricted to Areas A and B. Incident light microscopy of Side 2 at high incidence revealed no polish or other microwear traces other than that thought to be X-polish. The artifact does not appear to have been used in a work action. While polish is extensive, most if not all, appears to be of the type thought to result from postdepositional soil movement (X-polish).

Specimen 30LL1C-1 is a thin uniface made on a flat, cortical flake with geometric incisions in the cortex (Side 1 illustrated, Figure 22-7a). Stereoscopic examination revealed all edges but Area A were steep, undamaged break facets. Area A has been partially retouched on Side 1. Incident light microscopy revealed well-developed areas of hide and fresh hide polish on Side 1 in Area A2 (Figure 22-7b). Area A1 is part of the weathered cortex of the exterior of the flake. Area A3 is an area of well-developed hide to fresh hide polish with striations parallel to subparallel to the edge. Area A4 is a well-developed area of similar polish on and near the edge. The whole area of the edge (Area A5) exhibits extensive polish of similar characteristics. This edge exhibits polish indicative of hide scraping and possibly slicing. The material this specimen was used on was probably fresh hides.

Retouched Blade

Specimen 14EE2B-2 is an elongated flake or blade segment (Figure 22-6c) with unifacial retouch in Areas A, B, and C on Side 2. The specimen is encrusted with calcium carbonate; it was not subjected to an acid bath prior to analysis. Stereoscopic examination revealed the predominance of step flakes and step-fractured areas near edges in Areas A, B, and C suggesting hard-hammer retouch. Incident light microscopy revealed patterns similar to the previous specimen with diffuse generic polish and ridge ribbons along the edges of Areas A, B, and C and a few small areas of better-developed polish such as A1 (Figure 22-6d).

FIGURE 22-7. Uniface (engraved flake) and photomicrograph of use wear. Specimen number: (a) 30LL1C-1; (b) 30LL1C-1, Area A2, Side 1.

In Area A1 (Side 2), there are numerous spots and short ribbons of bright, rough polish (bone/antler?). Area C1 is heavily encrusted with calcium carbonate. Area B, like the spur of Specimen 26CC2C-1 above, generally exhibits sharp edges with little polish.

Incident light microscopy of Areas D and E revealed two spots (E1, Side 2 and E3, both sides) of moderately developed polish. Area E2 (both sides) also exhibits some polish, but most of the area is obscured by calcium carbonate encrustation. The polish is not formed well enough for precise identification. As noted above for Specimen 26CC2C-1, wear patterns from Areas A and C may derive from hafting (socketing) into a bone or antler handle while small amounts of polish seen on the unretouched Area E may derive from some work action.

Edge-modified Flakes

Two flakes were examined for similar reasons and in a similar way to the retouched flakes discussed above (Figure 22-8a, b).

Specimen 31MM2B-4 is an elongate flake with thick trianguloid cross section (see Figure 22-8a). Stereoscopic scans of Area A reveal slight, not completely systematic, edge damage. Several half-moon fractures are obvious, but several very thin areas of the edge also remain intact. This evidence alone makes sustained use of this edge unlikely. Similarly, incident light microscopy of Area A revealed only expected X-polish. Area A1 (Side 1) shows more intensely developed polish, but it also is likely the result of natural agency. Edges are generally sharp with little rounding. This specimen has not been used in a work action.

Specimen 32LL1B-3 is an amorphous flake (see Figure 22-8b) with systematic, small scalar flaking along Side 2 of a long, curved edge (Area A). One small section of this edge (Area A3) is bifacially flaked. The opposing edge (B) exhibits irregular flaking on each side. Some edge areas of Area B are quite thin and fragile while Area B2 is more systematically flaked. From stereoscopic inspection alone, Area A would seem to have been used in a scraping or more likely, whittling/cutting action.

Incident light microscopy revealed that in addition to diffuse X-polish along Area B, Area B1 (Side 2) and Area B4 (Side 1) are more intensively developed X-polish spots. Area B3 exhibits very little polish development. Area A exhibits areas of more intensively developed polish. Very little polish development is to be seen in this area on Side 1, but on Side 2, Area A3 exhibits moderately developed spots of polish, possibly X-polish, while Area A4 is an intense, somewhat dull, polish. Also, Area A5 (Side 2) is a dull abraded polish characteristic of dry hide polish (Figure 22-8c). It also exhibits striations parallel to the axis of the edge. This all suggests the involvement of Area A in hide working, possibly slicing or cutting hide or leather. Both specimens exhibit polish thought to be from soil movement at the site. Otherwise, the first specimen shows no additional recognizable polish. The second specimen exhibits areas with more-intensively developed polish that may be from hide working.

Blade Core Fragment

Specimen 50KK1/2A-1 is an elongate blade-like flake (Figure 22-8d) with little edge damage. This specimen was examined for similar reasons and in a similar way to the retouched flakes and edge-modified flakes discussed above. Area B, under stereoscopic scrutiny, exhibits some systematic microflaking on Side 2. Edges in this area are slightly rounded. Incident light scans of Area B failed to identify polish or use-wear traces other than X-polish thought to result from soil movements (Figure 22-8e). This artifact was not likely used in a work action.

Conclusions

Results reported here are by no means comprehensive nor definitive. Two problems encountered during analysis diminish potential of polish recognition using the incident light microscope. First, all artifacts exhibit to a lesser or greater degree diffuse, extensive, slightly abrasive, medium-bright polish. This polish, referred to above as X-polish, is similar to bone polish and fresh hide polish in the incipient stages of development and may cause some confusion. Dry hide polish and wood polish, when well developed, should be easily distinguishable, however. Second, some specimens, such as Specimen 14EE2B-2, exhibit extensive encrustations of calcium carbonate. These deposits can be removed with dilute HCl and do not appear to pose a large problem for future analysis.

In spite of these two obstacles to polish recognition on stone tools from the Wilson-Leonard site, microscopic use-wear analysis can provide important data on artifact function. Stereoscopic analysis of microscopic damage including microflake types and orientations remains unimpeded. Calcium carbonate, which obscures edges examined with the incident light microscope, can almost certainly be removed or diminished with acid treatments without damage to the original specimen or its wear traces.

The problem of the pervasive X-polish is a more vexing one. Polish such as that on the bit of the hafted fresh hide scraper (Specimen 2421D-3) is fairly distinguishable from X-polish. Similarly, fairly well-developed bone polish such as that found on two of the uniface scrapers (Specimens 26CC2C-1 and 14EE2B-2) seems distinctive in at least the extent of microtopographic alteration. Other types of polish not yet seen in this analysis may be more distinctive. However, all polishes share visual characteristics to a lesser or greater extent when poorly developed. In essence, presence of the X-polish will no doubt confuse recognition of less than well-developed polish areas. The tendency in analysis will be to disregard these potential use indicators. Only artifacts sustaining considerable use will likely be identified as used tools. Results may therefore be biased toward categories where sustained or heavy use was characteristic such as in the case of the hafted hide scrapers.

SCRATCHIN' THE SURFACE: STONE ARTIFACT MICROWEAREVALUATION

by Marvin Kay

Project Description

The Wilson-Leonard site collection includes chipped stone artifacts of high quality chert from the nearby Central Texas Edwards Formation. A microwear analysis of a small number of these materials was undertaken using a three-fold analytical strategy. First, the study sought to further assess functional tool categories and concentrate on the Paleoindian

FIGURE 22-8. Edge-modified flakes from the Wilson-Leonard site examined for use wear. Specimen numbers: 31MM2B-4; 32LL1B-3; 32LL1B-3, photomicrograph of Area A5, Side 2; d, 50KK1/2A-1; e, 50KK1/2A-1, photomicrograph of Area B.

chipped stone points. Second, the study evaluated ad hoc or expedient stone tools that often are misconstrued as lithic debitage. Third, the study attempted to consider postdepositional disturbance and microdamage to artifact surfaces and edges that might contribute to understanding taphonomy, microstratigraphy, and soil fabrics. The first two goals were realized, but the third remains ill-defined.

The number of artifacts analyzed ultimately totaled 299 individual items, divided into 11 technological groups. Of these, 122 artifacts from a subset of 5 technological groups—projectile points, perforators/drills, burins, retouched flakes, and unmodified flakes—primarily from the lower, Paleoindian strata of the site were actually subjected to a microwear analysis (Figure 22-9). The seemingly unmodified flake category was sent as a more-or-less random sample, and all 52 were subjected to microwear examination. Just slightly less than 29% of the 69 unifacially retouched flakes were examined. First 11 artifacts were selected randomly and then judgmentally an additional 9 specimens that appeared to be tools, for a total of 20. All specimens of the other examined analytical groups were subjected to the microwear analysis. No more specimens were examined because of time constraints. From a microwear perspective, much more could be done with the collection.

FIGURE 22-9. Analyzed chipped stone artifacts; average weight of unused artifacts (NT) is greater than for tools (T).

The results are of heuristic interest in three prime respects. First, the artifact sample was further subdivided into technofunctional categories based on the presence or absence of microwear. Among other things, microwear presence shows that 15 of the 52 “unmodified” flake group artifacts are unambiguous tools or tool fragments while many

intentionally retouched edges of flakes are actually not tool working edges but are blunted for prehension. These results indicate that the concepts of lithic debitage and retouched flakes and how they should be analyzed need to be rethought. Virtually all of the conventionally recognized, “patterned” (or formal) artifacts such as points, drills, or perforators have equally unambiguous microwear traces. These allow not just for functional characterization but also for recognition of use sequences and recycling, or “use history.” The projectile points are almost uniform in exhibiting extremely complex use histories; the patterned chipped stone tools were also regularly resharpened or repaired, recycled, and highly curated. Use breakage was common. So also was reuse of a broken edge or surface or continued use of an adjacent tool edge.

Second, the analysis furthered knowledge of micropolishes and other microwear traces: frictional coefficients of use and resistance describe a microwear dichotomy between “surface” and “edge” tools. Many bifaces are classic examples of surface tools in which both bifacially flaked surfaces are invasively in contact with materials worked. While wear traces occur and originate at the working edge, they are both expectable and diagnostic on high flake arrises on tool surfaces. Experimental tool replication studies indicate much of this biface microwear is due to usage in the killing and butchering of game. The radial-fractured tools (Crabtree 1977), a functional subset that crosscuts several Wilson-Leonard technofunctional groups (see also Kay 1995; Root 1994a, 1994b), contrast in being equally classic examples of edge tools whose contact with materials worked is strictly constrained to a tool edge or edges. Experimental tool replication studies show this radial-break tool microwear consistent with usage to engrave, slot, or split medium hard to hard organics such as hard wood, bone, antler, or ivory. Although not prepared as burins, radial-break tools function as chisels or splitting wedges; Wilson-Leonard also has several intentionally prepared dihedral angle burins. Irrespective of manufacture technique, these chisel or wedging tools are formally described as the “burin group.”

Finally, striated micropolishes often exhibit unambiguous evidence of remodeling, or what has been referred to as the addition of amorphous silica or a silica gel (Anderson 1980; Keeley 1980; Mansur 1982). Whether or not it truly is a silica gel, the remodeling is undeniable; it is referred to here as a microplating effect. Beyond microplating’s significance for defining micropolishes, there would seem to be an as yet unexplored potential for organic residue identification keyed specifically to tool use.

This chapter is more a statement of problems and prospects than the final word on Wilson-Leonard microwear. The microwear methodology and relevant experimental replications are described elsewhere (Kay 1996, 1997) and only the general rationale and relevant particulars of this analysis are presented here. This discussion is followed by ones on general microwear observations, assessments of artifact

technological groups, and a concluding assessment of design criteria and diachronic technological trends. Not all may be of equal interest and much is technical. For the reader interested in an overview, by all means begin with the illustrated general observations of microwear and thumb to the conclusions before embarking on a cover to cover perusal of the entire chapter.

Methodology

The particular approach is that developed by Semenov (1964), whose primary impact has been in Russia and the former republics of the Soviet Union, where "traceological" studies of microscopic polishes, striae, and edge damage are used to delineate tool function or use. In the present study, the most crucial information is functionally diagnostic of general classes of stone tools, of contact materials, and the geomorphic or archeological contexts. Specific analytical concerns are: (1) the placement, orientation, and cross-cutting relationships among use-wear striae plus their width, depth, and number; (2) for polishes, filling in or "microplating" and the degree of development, texture, area, and placement on a tool surface or edge; and (3) for edge damage, its relationship to other use-wear traces.

The microwear approach used here allows for sequential macroscopic and microscopic observations. It is patterned after Keeley (1974, 1980) and Newcomer and Keeley (1979), who are responsible for much of the microwear research in western Europe and America, but eliminates the two-dimensional image problem faced by Keeley (1980:12-14). Although lower magnifications are employed, most helpful is the intermediate magnification range of 100-400X using a reflected-light differential-interference microscope with polarized light Nomarski optics (Hoffman and Gross 1970). The optical qualities of this microscope are superior to those of most incident light microscopes presently used for microwear studies, but, to my knowledge, have received only minimal attention by microwear analysts in western Europe and America (see Dumont 1982 for a quantified application using a similar microscopy system; Nomarski optics are specifically mentioned also by Petraglia et al. 1996:129). Its Nomarski optics capability is ideally suited to lithic microwear analysis because its color divisions of polarized light allow for three dimensional views of tool surfaces and the ready delineation of striae. Image resolution, or clarity, increases with magnification (in contrast to incident light microscopes but similar to scanning electron microscopes [SEM]) while depth of field decreases. Unlike SEM, the metallic coating of a tool surface is unnecessary. Striae and micropolishes are readily observed, and easy adjustment of the Nomarski optics allows for the best display of wear traces. Micropolishes are optically bright and characteristically undifferentiated. For most archeological specimens, it is also unnecessary to carry out the extensive and potentially destructive chemical cleaning Keeley (1980:11) advocates to ensure the micro-

scopic inspection of a tool surface or edge is unimpeded by organic or inorganic residues. No Wilson-Leonard artifact was subjected to chemical cleaning beyond an occasional wipe with a clean cotton ball soaked in methyl alcohol to remove oils from tool surfaces.

The microwear patterns are independent of stone materials and are observable at magnifications greater than 100 diameters. The overall methodology originates from, complements, and provides more specific information about tool use than is available through either macroscopic or low-power magnification (<100X) microwear studies alone. As an advocate of the latter approach, Odell (1990) notes the low-power magnification examinations are likely to be coarse-grained evaluations of worked material hardness and generally are not suited to the study of complex microflaking on carefully patterned, edge-retouched tools. The analyses reported here take substantially longer to perform and also require more expensive technical equipment than needed for either macroscopic or low-power-magnification microscopic tool use evaluations. The added expense in time and equipment, however, is justified by the results.

Microscopic examinations of edges and tool surfaces attempted to cover the entire area by systematically scanning overlapping transects. As needed, artifacts were reoriented on the microscope stage to facilitate inspection or to enhance microwear for photomicrography. Due to the expense, photomicrographs were only selectively taken of areas considered to be either the best example or representative of a range of microwear further noted on individual record sheets for each artifact. The locations of photomicrographs and other microwear observations were plotted carefully on either a to-scale line drawing or an artifact photograph. In either case, the orientation of the photomicrograph to that of the artifact was carefully noted. Illustrated photomicrographs are located appropriately and properly oriented to the artifact. A photographic negative of the 0.1-mm scale bar enlarged to the same size as the photomicrographs was used to measure microwear details and to provide scale for illustrations. For most bifacial artifacts, the microscopic scans were on a single surface, the face opposite the one that previously had been labeled in ink and for which the label had been coated with clear varnish. Occasionally, both faces were examined but this was more the exception than the rule; individual examples are noted as appropriate.

For unifacial artifacts and artifacts of the seemingly unmodified flake category, the microwear examination focused on the ventral surface, which often had been labeled previously in the manner described for bifaces. The rationale for concentrating on the ventral surface of these artifacts was to attempt to eliminate the possible effect of tool use prior to detachment of a flake, which might be apparent on the dorsal surface. (For other studies, I have examined the dorsal surfaces of flakes for possible prior to detachment use-wear, but have done so only after eliminating any that had ventral surface use-wear; in this instance, it was

simply beyond the scope of the project to attempt a more-exhaustive study of the flakes.) The labeling did make it impossible to thoroughly examine every detail of these flake artifacts, but, on balance, a sufficient coverage was achieved to identify the relevant microwear and trends in tool usage.

Many Wilson-Leonard chipped stone artifacts are formally divisible into blade and haft elements, as described by Binford (1963). Haft wear traces, identifiable on experimental hafted-tool replicates by their location and their often complementary display of secondary effects of tool use-wear (Kay 1996), are readily distinguished for those Wilson-Leonard specimens that meet Binford's criteria. Not all potentially hafted tools, however, have formally discrete haft elements. These pose additional problems for the analysis of haft wear traces that can only be partially resolved: in those instances where wear traces are inconsistent with tool usage and postdepositional damage, they may be taken as potential evidence of either tool hafting or prehension.

Wear traces due to postdepositional or other taphonomic processes also have the potential to mislead. The most common wear traces of this kind for Wilson-Leonard include excavation damage and the streaking of stone surfaces by metal tools, the saltation of abrasive particles across a stone surface by wind, and artifact trampling or postdepositional movement within sediments. Recognition of metal streaks or other metallic residues poses no difficulty, as they are in a nearly unique way optically bright or are macroscopically visible and associated with edge damage. Characteristic of wind-blasted surfaces (Figure 22-10a) are broadly striated areas found on both high and low microtopography; the wind blasted striae often switch directions or have a crossbedded appearance. Artifact trampling or post-depositional movement within sediments is most visible at the lower end of the intermediate magnification range (Figure 22-10b) and often consists of curving, striated bands that randomly intersect. These types of microwear also are generally inconsistent with other wear trace orientation, striation size, and shape; and they were simply discounted or not further considered as putative use-wear.

In addition to the normal repertoire of photomicrographs, a few stereo paired photomicrographs were taken to give a better sense of three-dimensional relationships. The orientation, width, depth, and cross-sectional shape of striae are mainly presented here visually by reference to individual, oriented photomicrographs. A computerized, semi-automatic system to quantify these observations is also being developed and will be used in the future on these photomicrographs.

PARADOX, a relational database management software developed by Borland International, was used to compile basic information about each of the examined artifacts. Complementing a photomicrograph catalog, two primary data files were created. The first essentially is an inventory of the materials as initially received. The second is an assessment of each specimen analyzed. Among the more important information recorded are nominal scale observations for

microwear category and use history. As presented in Table 22-1, these are largely self-explanatory. Two exceptions are the observations, indeterminate and negative results, whose practical effect is essentially the same but the two observations are conceptually different. Indeterminate refers to ambiguous microwear traces that could be (and probably are) byproducts of either natural abrasion or excavation damage but for which it is impossible to absolutely certify they are not due to tool use; negative results refers to a lack of microwear evidence. Specimens coded with either of these two observations (and also the Table 22-1 M Code values 3-7) were excluded from a tool group. Interval scale measures of mass, size, and working edge angle were taken independently of the microwear assessment and are not biased by it, except in the recording of obtuse angles of radial break tool edges that would not have been recognized in the absence of the microwear analysis. Mass was recorded to the nearest hundredth gram for each of the 299 specimens. The other interval scale measures were taken for all 52 unmodified flakes; the 20 retouched flakes subjected to microwear analysis; all bifacial points and perforators/drills; and of the potential burins, only those confirmed by microwear analysis.

Microwear Results

Not all of the 122 examined artifacts (Table 22-2) exhibited tool use-wear traces. Fifty-eight specimens (47.54%) had negative or indeterminate results, the majority being unmodified flakes (71.15% of the 52, Table 22-3), retouched flakes (60% of the 20, Table 22-4), and burins (72.72% of the 11, Table 22-5). None of the perforators/drills (Table 22-6) and only 1 of the projectile points (3.13%, Table 22-7) lacked tool use-wear. To a degree, these negative results actually are consistent with expectations, especially as they pertain to the unmodified flakes (originally regarded as lithic debitage only) and the bifacially flaked perforators/drills and projectile points. That almost 30% of the unmodified flakes proved to be tools or tool fragments, however, is disconcerting because it indicates that a significant proportion of ad hoc, if not expedient, chipped stone tools is likely to be overlooked absent a microwear analysis. The majority of retouched flakes proved not to be tools but are likely, however, to represent unfinished (or rejected) preforms or blanks for either unifacial or bifacial tools. Graving spurs, a subset of retouched flakes, are all intentionally finished tools and/or exhibit clear and convincing use-wear. Burin-like facets on flakes and cores do not allow for an uncritical classification of true burins, which do exist but require verification through microwear analysis.

Microwear traces of postdepositional movement and excavation damage are present for most morphological groups (see Tables 22-3 through 22-7) but are insufficient to describe stratigraphic trends that would complement the analysis of soil fabrics. "Trampling" damage, which could be a byproduct of movement either during site use or subsequently, is most

FIGURE 22-10. Postdepositional or other taphonomic wear traces on Wilson-Leonard artifacts. (a) wind-blasted surface; (b) "trampling" damage or postdepositional movement.

TABLE 22-1
Microwear Codes and Categories

UH Code	Use History	M Code	Micro Category
1	Indeterminate	1	Indeterminate
2	Projectile only	2	Negative results
3	Projectile -> knife	3	Trampling damage
4	Projectile -> knife -> projectile	4	Metal streaks
5	Projectile -> knife -> burin	5	Stream tumbling?
6	Knife only	6	Bulbar scar striae
7	Knife -> projectile	7	Preform?
8	Knife -> projectile -> knife	8	Butchering
9	Knife -> radial break tool	9	Soft to medium
		10	Medium hard
		11	Recycled
12	Knife -> projectile -> burin		
13	Projectile <-> knife		
14	Projectile <-> knife -> scraper		
15	Projectile <-> knife -> radial break tool		
17	Projectile <-> knife -> repointed		
18	Projectile <-> knife -> drill		
19	Drill		
20	Awl		
21	Burin		
22	Burin/radial break tool		
23	Burin/distal snap tool		
24	Burin flake tool		
25	Unifacial soft cutting tool		
26	Unifacial butchering tool		
27	Graver		

TABLE 22-2
Microwear Analysis Specimen Inventory

Specimen No.	Unit	Item No.	Weight	Description	Group Identification	Use History	Micro Category	Analysts Identification
1	II	1600	0.09	Parallel-edged flake	Unmodified flakes		Trampling damage	
2	II	1600	0.08	Parallel-edged flake	Unmodified flakes		Trampling damage	
3	II	1600	0.1	Parallel-edged flake	Unmodified flakes		Indeterminate	
4	IIIc	146	0.64	Medial blade	Unmodified flakes	Unifacial butchering tool	Butchering	
5	IIIc	146	3.24	Medial blade	Unmodified flakes		Negative results	
6	IIIc	146	0.22	Medial blade	Unmodified flakes		Metal streaks	
7	IIIb	532	2.25	Flake blade	Unmodified flakes		Metal streaks	
8	IIIb/a	578	0.18	Microblade fragment	Unmodified flakes		Metal streaks	
9	IIIb/a	578	0.08	Microblade fragment	Unmodified flakes		Trampling damage	
10	IIIb/a	578	0.33	Microblade fragment	Unmodified flakes	Burin flake tool	Medium hard	
11	IIIb/a	578	0.45	Burin spall	Unmodified flakes		Negative results	
12	IIIc/b	1265	1.06	Burin spall	Unmodified flakes	Burin flake tool	Medium hard	
13	IIIc/b	1265	2.56	Blade	Unmodified flakes		Trampling damage	
14	IIIc/b	1265	0.71	Blade	Unmodified flakes		Indeterminate	
15	IIIb/a	545	0.54	Blade	Unmodified flakes		Trampling damage	
16	IIIc/b	497	0.27	Burin spall	Unmodified flakes	Unifacial butchering tool	Butchering	
17	IIIc/b	497	0.68	Burin spall	Unmodified flakes		Negative results	
18	IIIc/b	497	0.75	Burin spall	Unmodified flakes		Negative results	
19	Icl	2763	1.21	Unmodified flake	Unmodified flakes		Metal streaks	
20	IIIc	202	0.95	Unmodified flake	Unmodified flakes		Metal streaks	
21	Icl	2633	0.4	Unmodified flake	Unmodified flakes	Burin/distal snap tool	Medium hard	
22	Icl	2163	1.02	Unmodified flake	Unmodified flakes		Metal streaks	
23	Icl	2163	0.49	Unmodified flake	Unmodified flakes		Trampling damage	
24	Isi-c	1396	1.5	Unmodified flake	Unmodified flakes	Burin/radial break tool	Medium hard	
25	Isi-c	1396	0.88	Unmodified flake	Unmodified flakes	Unifacial soft cutting tool	Soft to medium	
26	Isi-c	1396	1.45	Unmodified flake	Unmodified flakes	Burin/radial break tool	Medium hard	
27	Isi-c	1428	0.57	Unmodified flake	Unmodified flakes		Trampling damage	
28	Isi-c	1428	0.11	Unmodified flake	Unmodified flakes		Indeterminate	
29	Icl	2758	1.57	Unmodified flake	Unmodified flakes		Trampling damage	
30	II	2017	1.21	Unmodified flake	Unmodified flakes	Burin/distal snap tool	Medium hard	
31	II	2035	0.82	Unmodified flake	Unmodified flakes		Negative results	
32	II	1825	0.8	Unmodified flake	Unmodified flakes	Burin/distal snap tool	Medium hard	
33	Isi-c	1337	1.17	Unmodified flake	Unmodified flakes		Metal streaks	
34	Icl	2354	0.86	Unmodified flake	Unmodified flakes		Metal streaks	
35	Isi-c	1328	1.94	Unmodified flake	Unmodified flakes	Burin/distal snap tool	Medium hard	
36	IIIb	533	0.46	Unmodified flake	Unmodified flakes		Trampling damage	
37	IIIa	661	0.16	Unmodified flake	Unmodified flakes		Trampling damage	
38	II	1822	5.1	Unmodified flake	Unmodified flakes	Burin/radial break tool	Medium hard	
39	IIIc/IIIb	406	6.4	Unmodified flake	Unmodified flakes		Negative results	
40	IIIb	556	1.18	Unmodified flake	Unmodified flakes		Trampling damage	
41	IIIb	541	0.28	Unmodified flake	Unmodified flakes		Trampling damage	
42	II	1803	0.79	Unmodified flake	Unmodified flakes	Burin/radial break tool	Medium hard	
43	II	1803	3.81	Unmodified flake	Unmodified flakes		Indeterminate	
44	IIIb/IIIa	614	0.27	Unmodified flake	Unmodified flakes	Unifacial soft cutting tool	Soft to medium	
45	II	2015	1.48	Unmodified flake	Unmodified flakes	Burin/radial break tool	Medium hard	

Table 22-2, *continued*

Specimen No.	Unit	Item No.	Weight	Description	Group Identification	Use History	Micro Category	Analysts Identification
46	IIIc	274	0.47	Unmodified flake	Unmodified flakes		Bulbar scar striae	
47	IIIa	763	0.96	Unmodified flake	Unmodified flakes		Trampling damage	
48	IIIa	763	0.88	Unmodified flake	Unmodified flakes		Trampling damage	
49	IIIa	763	0.45	Unmodified flake	Unmodified flakes		Trampling damage	
50	IIIa	763	0.79	Unmodified flake	Unmodified flakes		Metal streaks	
51	IIIa	763	3.59	Unmodified flake	Unmodified flakes		Metal streaks	
52	IIIa	763	0.49	Unmodified flake	Unmodified flakes		Metal streaks	
59	IIIc	37DA-7	29.78	Burin? (nonrandom sample)	Retouched flakes	Burin	Medium hard	Multiple tool
60	IIIc	37BD-31	13.71	16% random sample group	Retouched flakes	Graver	Trampling damage	Multiple tool
62	IIIc	37CC-34	9.91	Burin? (nonrandom sample)	Retouched flakes	Burin	Medium hard	Multiple tool
63	IIIc	37BD-26	25.54	16% random sample group	Retouched flakes		Trampling damage	Edge-modified flake GR-2
70	IIIb	37KB-2	46.91	16% random sample group	Retouched flakes		Metal streaks	Multiple tool
71	IIIb	37LA-5	9.56	16% random sample group	Retouched flakes	Unifacial soft cutting tool	Soft to medium	Thin uniface
78	IIIa	33Q2-15	27.33	16% random sample group	Retouched flakes	Unifacial butchering tool	Butchering	Thin uniface
82	IIIa	37Q2D-12	2.82	16% random sample group	Retouched flakes		Stream tumbling?	Notch GR-2
86	IIIa/b	37O2A-2	2.16	Graver (nonrandom sample)	Retouched flakes	Graver	Indeterminate	Microspur
87	II	28T2D-7	1.12	Graver (nonrandom sample)	Retouched flakes	Graver	Medium hard	Microspur
88	IIIa	24Q1-3	3.57	Graver (nonrandom sample)	Retouched flakes	Graver	Medium hard	Spur
89	IIIa	16S2-9	4.19	Graver (nonrandom sample)	Retouched flakes	Graver	Negative results	Micro-denticulate
90	IIIc	17D-9	97.16	16% random sample group	Retouched flakes		Indeterminate	Denticulate
95	II	34U2C-3	33.43	16% random sample group	Retouched flakes	Unifacial butchering tool	Butchering	Thin uniface
104	II	29U1C-11	5.36	16% random sample group	Retouched flakes		Indeterminate	Thin uniface
106	Isi-c	37EE1C-1	5.67	nonrandom sample group	Retouched flakes		Negative results	Thin uniface
107	Isi	15HH1A-1	82.28	nonrandom sample group	Retouched flakes		Trampling damage	Edge-modified flake GR-1
108	Isi	14FF1B-1	22.44	nonrandom sample group	Retouched flakes	Burin/radial break tool	Medium hard	Thin uniface
114	IIIa	33Q2-20	42.27	16% random sample group	Retouched flakes		Indeterminate	Thin uniface
119	IIIc	36E-23	35.43	16% random sample group	Retouched flakes		Preform?	Thin uniface
148	II	26U1B-3	9.13	Awl	Perforators/drills	Awl	Soft to medium	Perforator, Group 4
149	II	32W1B-1	6.89	Butchering knife, not awl	Perforators/drills	Knife only	Soft to medium	Perforator, Group 2
150	IIIb	13J-29	6.89	Perforator/drill, recycled	Perforators/drills	Projectile <-> knife-> drill	Recycled	Perforator, Group 3
151	IIIc	14D-2	11.5	Perforator/drill, recycled	Perforators/drills	Projectile <-> knife-> drill	Recycled	Perforator, Group 3
152	IIIa	26R1-4	5.45	Perforator/drill	Perforators/drills	Drill	Medium hard	Perforator, Group 1
153	IIIa/II	30T1C-1	6.37	Perforator/drill	Perforators/drills	Drill	Medium hard	Perforator, unifacial

Table 22-2, *continued*

Specimen No.	Unit	Item No.	Weight	Description	Group Identification	Use History	Micro Category	Analysts Identification
154	IIIc	6G-6	28.34	Drill	Perforators/drills	Drill	Medium hard	Perforator, bifacial
155	IIIc	5G-5	7.09	Burin facet off break	Burin		Negative results	Burin, Group 3
156	X	18N-8	24.98	Burin facets	Burin		Indeterminate	Burin, Group 1
157	X	19O-15	18.87	Burin facets off break	Burin		Indeterminate	Burin, Group 4
158	IIIa/II	24R2-5	20	Burin facets?	Burin		Indeterminate	Burin, Group 1
159	II	24V1D-2	21.13	Burin dihedral facets	Burin		Negative results	Burin, Group 1
160	IIIa	29R2-3	8.38	Burin dihedral angle	Burin	Burin	Medium hard	Burin, Group 3
161	IIIa	30R2-13	6.87	Burin dihedral angle	Burin	Burin	Medium hard	Burin, Group 8
162	IIIa	31R1-4	73.68	Prepared Blade core?	Burin		Negative results	Burin, Group 1
163	IIIb	37LB-15	12.49	Burin facets off break	Burin		Negative results	Burin, Group 3
164	IIIa/II	40R1-1	33.05	Prepared blade core?	Burin		Negative results	Burin, Group 3
165	IIIc	50KA-6	18.93	Radially fractured biface	Burin	Burin/radial break tool	Medium hard	Burin, Group 3
169	IIIa	11Q-1	12.68	Angostura	Paleoindian/ Archaic points	Knife-> projectile-> knife	Recycled	
171	IIIa/b	13N-2	22	Thrall	Paleoindian/ Archaic points	Projectile-> knife-> projectile	Recycled	
172	II/IIIa	13Q-2	19.28	Golondrina-Barber	Paleoindian/ Archaic points	Knife-> projectile-> burin	Recycled	
176	Id/II	15X1-1	12.84	Golondrina-Barber	Paleoindian/ Archaic points	Projectile or knife-<-> projectile	Recycled	
177	Id/II	15X1-3	2.43	Parallel-sided lanceolate	Paleoindian/ Archaic points	Projectile-<-> knife-> radial break tool	Recycled	Ground square stem
178	Isi-c/Id	15Y1-1	17.67	Golondrina-Barber	Paleoindian/ Archaic points	Knife-> projectile	Recycled	
181	IIIa	16S2-1	5.71	Angostura	Paleoindian/ Archaic points	Knife-> projectile-> knife	Recycled	
182	Isi-c/Id/II	17AA2-2	7.5	Wilson	Paleoindian/ Archaic points	Projectile <-> knife-> scraper	Recycled	
183	X/IIIb	19N-1	28.39	Thrall	Paleoindian/ Archaic points	Projectile-> knife-> projectile	Recycled	
185	X	20W-1	8.46	St. Mary's Hall	Paleoindian/ Archaic points	Projectile-> knife	Recycled	
186	X	20X-1	7.4	Wilson	Paleoindian/ Archaic points	Projectile <-> knife	Recycled	
189	IIIa	25R1-1	16.04	Angostura	Paleoindian/ Archaic points	Knife-> projectile-> knife	Recycled	
190	II	25U2-1	6.73	St. Mary's Hall	Paleoindian/ Archaic points	Projectile <-> knife	Recycled	
193	Id/II	26X2A-1	14.65	Parallel-sided lanceolate	Paleoindian/ Archaic points	Knife-> projectile-> knife	Recycled	Parallel side proximal
194	Id/II	28Y2C-1	16.13	Wilson	Paleoindian/ Archaic points	Projectile-> knife	Recycled	
195	Id/II	28Y2D-2	9.55	Wilson	Paleoindian/ Archaic points	Projectile-> knife	Recycled	
196	II	25V1C-1	15.38	Parallel-sided lanceolate	Paleoindian/ Archaic points	Indeterminate	Trampling damage	Parallel side, refit
197	II/IIIa	29T1C-1	13.18	Angostura	Paleoindian/ Archaic points	Projectile <-> knife	Recycled	
200	Isi-c	30CC2A-1	18.98	Wilson	Paleo/Archaic points	Knife-> projectile	Recycled	

Table 22-2, *continued*

Specimen No.	Unit	Item No.	Weight	Description	Group Identification	Use History	Micro Category	Analysts Identification
201	IIIa	31P1-1	13.62	Thrall	Paleo/Archaic points	Projectile-> knife-> projectile	Recycled	Expanding, Concave D
202	IIIa	31R1-1	19.65	Thrall	Paleo/Archaic points	Projectile <-> knife-> repointed	Recycled	
203	Isi-c	32DD1B-1	18.08	Wilson	Paleo/Archaic points	Projectile-> knife	Recycled	
204	Isi-c	33EE1C-1	14.7	Wilson	Paleo/Archaic points	Projectile-> knife-> burin	Recycled	
209	III	50MA-1	11.92	Wilson-like	Paleo/Archaic points	Projectile-> knife	Recycled	
210	II	50XD-1	3.93	St. Mary's Hall	Paleo/Archaic points	Projectile-> knife	Recycled	
211	I/II	50YA-1	7.55	Golondrina-Barber	Paleo/Archaic points	Knife-> projectile	Recycled	
212	I/II	51Y1B-1	20.72	Golondrina-Barber	Paleo/Archaic points	Knife->radial break tool	Recycled	
215	X	7Q-1	7.09	St. Mary's Hall	Paleo/Archaic points	Projectile <-> knife	Recycled	
218	X	9V-1	14.71	Wilson	Paleo/Archaic points	Projectile <-> knife-> repointed	Recycled	
222	II	26V2B-2	10.93	Parallel-sided lanceolate	Paleo/Archaic points	Knife -> projectile-> burin	Recycled	Scottsbluff
305	Isi-c	OR680	17.34	Stemmed biface point	Paleo/Archaic points	Knife only	Soft to medium	Stemmed biface
306	Isi/Icl	17JJ2KK1-3	4.93	Early Bone Bed point	Paleo/Archaic points	Projectile-> knife -> burin	Recycled	

common to what is truly lithic debitage (i.e., 15 or 28.85% of the unmodified flakes and 3 or 15.00% of the retouched flakes) but also occurs on projectile points at a lesser rate (4 or 12.5% of which 3 [specimens 212, 222, 306] also show unambiguous tool use-wear). Metal streaks, which are probably a byproduct of excavation damage, are most common to the lithic debitage (i.e., 11 or 21.15% of the unmodified flakes and 1 or 5% of the retouched flakes). The comparable frequencies and percentages for the unmodified flakes for both wear traces might suggest the most likely source of this microdamage is excavation procedures. Some support for this notion is also seen in the co-occurrence of metal streaks and "trampling" damage found on both tool (2 of 7, or 28.57%) and nontool elements (6 of 25, or 24%). This analysis, however, is simply too limited to determine the source of the "trampling" damage in those instances where it does not co-occur with metal streaks.

A ready and nearly direct correspondence seemingly exists between surface and edge microwear categories and extractive and maintenance tools (Binford and Binford 1966). Edge microwear is typical of the burin group, gravers, and drills—or fabricating or maintenance tools used on bone, antler, and wood. These also include the one awl and Wilson point scraper that exhibit surface microwear but are strictly fabricating tools most likely used on soft wood or animal hide. Surface microwear is typical of bifacial points and unifacial knives. All are piercing, killing, cutting tools—or weapons and extractive tools for game procurement and processing. The analyzed Wilson-Leonard maintenance tools

are mostly simpler in design, require fewer manufacturing steps, and conversely, are the easier to maintain. They also are invariably the end product of extractive tool recycling. Tool recycling is more prominent too among the extractive tools. Extractive tools have longer use lives and more complex use histories. The overall production effort and recycling imply a greater value for extractive tools.

Identified tool elements are divided among eight technofunctional groups, or tool types. These include both unifacial and bifacial burins and "radially" fractured tools, or the burin group (22 specimens); flake gravers (5 specimens); unifacial knives (7 specimens); and mostly bifacial tools that have complex use histories (33 specimens). Wear traces are first discussed in general terms and then functionally with respect to an inferred gradient of hard to relatively soft contact materials.

General Observations of Tool Element Microwear

A catalog of Wilson-Leonard microwear observable at the mid-range magnifications should clarify the many subtleties of wear traces and terminology. The prime interest, however, extends to the interpretation of the often complex (or even textbook) microwear images.

Frictional and depositional wear traces create micro-polishes but do so by different methods. And some micro-polishes are progressive in development. These generally exhibit an initial abrasive phase followed by a layering of added inorganic materials and, possibly, further sequencing

TABLE 22-3
Microwear Analysis Results for Unmodified Flakes

Specimen	Micro Category	Use History
Blades:		
13	Trampling damage	
14	Indeterminate	
15	Trampling damage	
Burin Spalls:		
11	Negative results	
12	Medium hard	Burin flake tool
16	Butchering	Unifacial butchering tool
17	Negative results	
18	Negative results	
Flake Blade:		
7	Metal streaks	
Medial Blades:		
4	Butchering	Unifacial butchering tool
5	Negative results	
6	Metal streaks	
Microblade Fragments:		
8	Metal streaks	
9	Trampling damage	
10	Medium hard	Burin flake tool
Parallel-edged Flakes:		
1	Trampling damage	
2	Trampling damage	
3	Indeterminate	
Unmodified Flakes:		
19	Metal streaks	
20	Metal streaks	
21	Medium hard	Burin/distal snap tool
22	Metal streaks	
23	Trampling damage	
24	Medium hard	Burin/radial break tool
25	Soft to medium	Unifacial soft cutting tool
26	Medium hard	Burin/radial break tool
27	Trampling damage	
28	Indeterminate	
29	Trampling damage	
30	Medium hard	Burin/distal snap tool
31	Negative results	
32	Medium hard	Burin/distal snap tool
33	Metal streaks	
34	Metal streaks	
35	Medium hard	Burin/distal snap tool
36	Trampling damage	
37	Trampling damage	
38	Medium hard	Burin/radial break tool
39	Negative results	
40	Trampling damage	
41	Trampling damage	
42	Medium hard	Burin/radial break tool
43	Indeterminate	
44	Soft to medium	Unifacial soft cutting tool
45	Medium hard	Burin/radial break tool
46	Bulbar scar striae	
47	Trampling damage	
48	Trampling damage	
49	Trampling damage	
50	Metal streaks	
51	Metal streaks	
52	Metal streaks	

TABLE 22-4
Microwear Analysis Results for Retouched Flakes

Specimen	Micro Category	Use History
16% Random Sample Group:		
60	Trampling damage	Graver
63	Trampling damage	
70	Metal streaks	
71	Soft to medium	Unifacial soft cutting tool
78	Butchering	Unifacial butchering tool
82	Stream tumbling?	
90	Indeterminate	
95	Butchering	Unifacial butchering tool
104	Indeterminate	
114	Indeterminate	
119	Preform?	
Burins? (nonrandom sample):		
59	Medium hard	Burin
62	Medium hard	Burin
Gravers (nonrandom sample):		
86	Indeterminate	Graver
87	Medium hard	Graver
88	Medium hard	Graver
89	Negative results	Graver
Nonrandom Sample Group:		
106	Negative results	
107	Trampling damage	
108	Medium hard	Burin/radial break tool

TABLE 22-5
Microwear Analysis Results for Burins

Specimen	Micro Category	Use History
Burin Dihedral Angle:		
160	Medium hard	Burin
161	Medium hard	Burin
Burin Dihedral Facets:		
159	Negative results	
Burin Facet Off Break:		
155	Negative results	
Burin Facets:		
156	Indeterminate	
Burin Facets Off Break:		
157	Indeterminate	
163	Negative results	
Burin Facets?:		
158	Indeterminate	
Prepared Blade Core(?):		
162	Negative results	
164	Negative results	
Radially Fractured Biface:		
165	Medium hard	Burin/radial break tool

of use-wear. Before we get to this, the more complex case, we should first examine abrasive microwear.

Use scratches, or striae, are crucial evidence of tool orientation, the identification of material worked, and sequential use, among other things. Abrasive micropolishes invariably are striated and generally are found on the leading edge of a tool surface, or high flake arrises adjacent to unstriated and unpolished lower microtopography. In Figure 22-11, an oriented photomicrograph of a Wilson-Leonard dihedral angle burin working edge, the striae are mostly par-

allel to one another, approximately the same in width, and no more than 0.15 mm in length. But, with one exception, they lack depth or clear cross-sectional shape despite their obvious clarity. The one striation that forms a U-shaped trough left of center in the photomicrograph terminates within the polished area. The black, spherical mass at its distal termination is the abrasive particle that created the striation. That the striation both terminates and has the abrasive particle still within it at the point of termination are unequivocal evidence of the direction of tool use as being opposite the

TABLE 22-6
Microwear Analysis Results for Perforators/Drills

Specimen	Micro Category	Use History
Awl: 148	Soft to medium	Awl
Butchering Knife, not Awl: 149	Soft to medium	Knife only
Drill: 154	Medium hard	Drill
Perforator/Drill: 152 153	Medium hard Medium hard	Drill Drill
Perforator/Drill-recycled: 150 151	Recycled Recycled	Projectile <-> knife -> drill Projectile <-> knife -> drill

TABLE 22-7
Microwear Analysis Results for Projectile Points

Specimen	Micro Category	Use History
"Wilson": 209	Recycled	Projectile -> knife
Angostura: 169 181 189 197	Recycled Recycled Recycled Recycled	Knife -> projectile -> knife Knife -> projectile -> knife Knife -> projectile -> knife Projectile <-> knife
Late Paleo Point: 305	Soft to medium	Knife only
Early Bone Bed Point: 306	Recycled	Projectile -> knife -> burin
Golondrina-Barber: 172 176 178 211 212	Recycled Recycled Recycled Recycled Recycled	Knife -> projectile -> burin Projectile or knife <-> projectile Knife -> projectile Knife -> projectile Knife -> radial break tool
Parallel-sided Lanceolate: 177 193 196 222	Recycled Recycled Trampling damage Recycled	Projectile <-> knife -> radial break tool Knife -> projectile -> knife Indeterminate Knife -> projectile -> burin
St. Mary's Hall: 185 190 210 215	Recycled Recycled Recycled Recycled	Projectile -> knife Projectile <-> knife Projectile -> knife Projectile <-> knife
Thrall: 171 183 201 202	Recycled Recycled Recycled Recycled	Projectile -> knife -> projectile Projectile -> knife -> projectile Projectile -> knife -> projectile Projectile <-> knife -> repointed
Wilson: 182 186 194 195 200 203 204 218	Recycled Recycled Recycled Recycled Recycled Recycled Recycled Recycled	Projectile <-> knife -> scraper Projectile <-> knife Projectile -> knife Projectile -> knife Knife -> projectile Projectile -> knife Projectile -> knife -> burin Projectile <-> knife -> repointed

point of striation termination. This orientation is also coincident with the longitudinal axis of the burin. The length of this and the similarly oriented striae (<0.15 mm) is a function of the extent of penetration or of actual contact of the burin edge and the material worked. Their lengths indeed are highly constrained by the worked material, which would have to be both sufficiently hard and unyielding to maintain such a narrow zone of tool contact. That only one striation has an easily described cross-sectional shape simply means their abrasive particles repeatedly removed the troughs of adjacent striae. Not surprisingly, the micropolish surface texture is somewhat grainy or rough, although significantly less so than the adjacent unpolished surface. The one remaining trough would thus be evidence of final tool use. Its abrasive particle would, by definition, have to be as hard or harder than the chert it scratched. The source of the abrasive particle has not been determined, but it could be only one of three things: either from the breakdown of the tool edge, from the material worked, or from adhering grit to either the burin or the worked material. Technically speaking, the striae are mainly vestigial remnants that record information about the extent, direction, and sequencing of burin edge contact with a relatively hard material. Only the one well-defined trough is indicative of potential striae cross-sectional shape and true width. More generally, the larger implication is that striated micropolishes are coincident with tool use and require no additional time to form. As strictly a descriptive analytical convention, I refer to this type of striated micropolish as intermediate developed polish, or IDP.

FIGURE 22-11. Intermediate developed (IDP) abrasive microwear on dihedron angle burin, Specimen 37DA-7; note abrasive particle at end of U-shaped striation in left center of photomicrograph and adjacent "vestigial" striae. (All artifact photographs are "smoked" with ammonium chloride. On this and all other oriented photomicrographs, the photomicrograph location is the solid square on the smoked photograph.)

Exhibiting a much smoother surface texture are abrasive micropolishes that, again as strictly a descriptive analytical convention, I refer to as extensive developed polish, or EDP. EDP is reasonably well recognized in the literature, although it is often discounted as microwear (Keeley 1980:28, pls. 8, 10; Vaughan 1985:185-187). Nevertheless, I have documented EDP on experimental tool replicates as byproducts of elephant butchering (Kay 1996), sinew haft bindings of stone projectile points (Kay 1996), and cutting herbaceous plant stems. EDP use-wear is a long-term (or longer term than IDP) byproduct of stone tool contact with soft, pliable materials that either contain or have adhering abrasives. The materials themselves may be either soft plant fibers or animal tissues. A not exhaustive list of examples would include opal phytolith-rich herbaceous plant stems (including sickle gloss [see Keeley 1980:61; Withoft 1967 for excellent descriptions but with contrasting interpretations of origins]), leaves, bark, meat, hide, sinew, and other soft connective tissues. The contact zone between the stone tool edge or surface and a worked soft material is relatively broad (in comparison to hard contact materials), and EDP characteristics are often well-defined at the lower end (100-200X) of the intermediate magnification range. In addition to the extremely smooth and highly reflective surface texture, among the most conspicuous of EDP characteristics are (1) vestigial striae that lack depth or cross-sectional shape, (2) extensive rounding of tool edge or arrises, and (3) abrasive planing of microtopography.

Relative to the Wilson-Leonard analysis, the fluid appearance, very smooth and highly reflective sickle gloss type of polish is not seen on any of the artifacts examined. Other EDPs are observed. Figure 22-12 illustrates a representative example, that of a smooth, highly reflective haft binding polish on a bifacially flaked drill (other examples are discussed later) similar to ones seen in experimental replications. In this example, at 100X, there is conspicuous rounding of arrises creating a bilobate microtopography oriented to the primary (horizontal) direction of haft binding. Haft binding direction is also seen (visible at 100X but more obvious at 200X) in the clearly ordered sequence of vestigial striae that are horizontal and crosscut by vertical striae. These in turn are truncated by diagonally oriented striae. The latter two sets of striae are probably the result of secondary movement of the tool in its haft binding during use.

Abrasive rounding is also readily apparent in Figure 22-13, a flake arris on the ventral surface of a backed retouched flake. Soft hide processing is the most likely cause of the arris rounding.

Additive, or depositional, polishes do exist at Wilson-Leonard. They are, in fact, the more common polish type on the patterned, bifacial tools. These demonstrably consist of the bonding of soluble inorganic material to a stone tool surface. In its most elemental expression, this additive polish forms a microthin layer or layers of an uneven and somewhat grainy texture

FIGURE 22-12. Extensively developed (EDP) abrasive hafting microwear on drill, Specimen 26R1-4; note bilobate microtopography probably due to soft haft binding and vestigial striae that are a likely secondary effect of tool movement during use.

FIGURE 22-13. Invasive EDP arris rounding and striae due to abrasion on unifacial backed knife, Specimen 33Q2-15; compare with Figure 22-12.

that fill in abraded (or striated) polished areas generally on high microtopography. In this sense, most additive polishes are compound and sequential in nature; they present a conceptually more complex palimpsest but in the negative. The soluble inorganic material often crystallizes beyond the polish border, on its trailing side, and appears as extremely bright

white filaments anchored to polish edges; thus, when crystallized filaments occur, they are excellent evidence of tool use orientation. Occasionally these crystallized filaments are clearly extruded from the polish and are actually suspended or stick out from a tool surface. There is also no question that this bonding of new inorganic material occurs during

tool use. Experimental replications (Kay 1996) and archeological examples from Wilson-Leonard and other sites show unambiguously the bonded material is further reworked and striated. In light of the many discussions of silica gels (see Vaughan 1985:12-13 for a well-composed summary and references for the nature of polishes) this description may seem bizarre, yet it is truly the simplest and most basic of descriptions.

Figures 22-14 and 22-15, oriented photomicrographs for respectively a St. Mary's Hall and an Angostura point, should convince even the skeptic. Figure 22-14 Area B comes closest to the general description of additive polishes. A clear microplating, or layering, of soluble material fills in a striae sequence. From experimental replications of projectile point and knife use (Kay 1996), it is possible to confidently identify the striae in functional terms according to their orientation relative to that of the point: vertical projectile point impact striae that originate at and are oriented to the tip are followed by transverse cutting-use striae that originate at the blade edges. The polish border has the bright, recrystallized filaments. The recrystallized filaments are even more distinct at Area A, where they extrude from the trailing edge at the base of the photomicrograph. Note also at Area A, (1) the extensive depositional rounding of the arris, (2) the jagged (desiccation?) crack through the polish, and (3) impact cross-cut by butchering striae subsequent to deposition of the inorganic material.

Haft element microwear on the Angostura point (see Figure 22-15) is especially good at showing the filled in hori-

zontal striae, the directional spread of the soluble inorganic (lower right to upper left), and subsequent haft wear cutting the microplating. Note also the crystallization of the soluble inorganic at the trailing side in the upper right.

A comparison of the details in Figures 22-14 and 22-15 with the preceding figures makes clearer the differences in the additive and abrasive polishes. Among the differences are: (1) the in-filling of striae, (2) the trailing edge crystallization of the soluble inorganic material, (3) the depositional—as opposed to abrasive—rounding of microtopography (see Figure 22-14a), and (4) a “layer caking” sequence of microwear.

Burin Group

This diverse group shares variable yet consistent microwear evidence and use histories. Burins were deliberately prepared by the removal of one or more burin spalls that produced burin facets from either flake (Figure 22-16a-d) or bifacial point (Figure 22-17) blanks. Epstein's (1963) formal assessment of similar Texas Paleoindian and Archaic point burins, thus, is supported and elaborated upon by this independent analysis. Wilson-Leonard point burins represent a subset of burinated points, not all of which functioned as burins, or ones that have burin facets caused either intentionally or through prior tool use (see Ahler 1971:83 for experimentally produced burin-like facets caused in carcass butchering). In fact, each of the point burins exhibits clear evidence of recycling; burin usage is the final

FIGURE 22-14. Depositional, or additive, polish on St. Mary's Hall projectile point recycled as knife, Specimen 20W-1. Note at (a) arris rounding due to deposition, or microplating, desiccation(?) crack and recrystallized filament, and at (b) the microplating and filling in of striae.

FIGURE 22-15. Depositional, or additive, haft polish on Angostura knife point, Specimen 11Q-1. Note microplating filling in of striae and recrystallization filaments on trailing edge of polish (upper left) and grainy texture of polish.

FIGURE 22-16. Burin group tools. (a-d) dihedral angle burins on flakes; (e) radially fractured biface. Specimen numbers: a, 37DA-7; b, 37CC-34; c, 29R2-3; d, 30R2-13; e, 50KA-6.

FIGURE 22-17. Recycled point burins. (a) Wilson; (b) Golondrina-Barber; (c) parallel-sided lanceolate. Specimen numbers: a, 33EE1C-1; b, 13Q-2; c, 26V2B-2.

stage in the recycling process. The point burins differ somewhat from the flake burins, which are all prepared as dihedral angle burins. Only one point burin (Figure 22-17b) in this sample is prepared similarly, the other two have single burin facets struck on a break.

Beyond these formal burins are the chisel-edge tools created by radial fracture, as Crabtree (1977) described, or that take advantage of a potentially unintended obtuse angle break. The latter technically would be ad hoc or expedient tools, whereas those intentionally created by radial fracture would, of course, be deliberately patterned. Important though this distinction is, I could not assess it systematically. I refer to all of these in a generic sense only as functional burins without regard to the possibility for intentional preparation. Prepared or not, a conspicuous selection of blanks having the appropriate mechanical properties for burin usage extends from tiny snapped flakes (Figure 22-18) to medial biface segments (see Figure 22-16e) and the recycling of broken but still serviceable points (Figure 22-19). The prime characteristic each has in common is a relatively thick, obtuse-angled sharp edge.

The point burins presuppose the question of tool hafting. Their form and microwear evidence indicate hafting did occur, but it need not have been coincident with burin usage. The other burins are equivocal for hafting microwear evidence. Although undoubtedly a mechanical advantage would have been conferred, this analysis does not confirm burin hafting even though it did for other tools, described below.

If, as seems likely, the flake dihedral angle burins were unhafted and were handheld, then both their overall shape

and mass may have been deciding factors in selection as tools. Three of the four (see Figure 22-16a-c) are either roughly parallel sided or converge to the burin end, as does the fourth in a more dramatic fashion (see Figure 22-16d). Other than the largest which weighs 29.78 g (and in fact is among the two heaviest of all identified tool elements), the others have more-or-less consistent weights between 6 and 10 g. The eight burinated flakes lacking tool microwear (see Table 22-5) are more divergent in form and variable in weight. As a practical matter, they may have been too cumbersome to be easily held.

Verification of formal and functional burins depends on a microwear assessment, as other superficially similar stone artifacts lack diagnostic wear traces. What then are the diagnostic wear traces? Actually, they are quite variable, often exhibit microplating and the filling in of striae, and are uniformly constrained by material hardness to a very narrow contact zone at the burin edge. The inescapable conclusion is that Wilson-Leonard

burins were not used in exactly the same way but comprise subsets, or functional groups. One such group would seem to be aptly named the “sharply pointed chisel burin.” A previously described and illustrated dihedral angle burin (see Figure 22-11) is perhaps its archetype and is complemented by another (Figure 22-20) that shows a similar use-orientation parallel to the longitudinal axis of the burin facet. These more-or-less symmetrical dihedral angle burins exhibit a primary unidirectional tool use motion that originates at the centrally located point, or tip, of the chisel edge. They would have been pushed parallel to their longitudinal axis into the material worked—perhaps most ideally to initiate a slot or groove. The work force, or momentum of the tool stroke, would have been efficiently concentrated at the wedge-tip.

Initial use of another, more-or-less symmetrical dihedral angle burin (Figure 22-21) is actually at an oblique angle to the burin edge. As determined from microplating, subsequent tool use originates at the centrally located point of the chisel edge in a manner nearly identical to the previous examples. It, too, would be classified as a sharply pointed chisel burin.

Another variation but along the lines of a sharply pointed chisel is presented by the point dihedral angle burin (Figure 22-22). At the burin tip the striae are both parallel and oblique to the longitudinal axis of the tool. This suggests a rotary, boring usage much as would be true for a drill or perforator. Use-wear parallels between burins and drills or perforators are often remarkable.

A second chisel burin form is that of a blunt tool point. The two examples occur on a radially fractured biface (see

FIGURE 22-18. Unmodified gouging/scraping flakes. (a-g, i, j) wedging; (h) blunt point; (k) buring group tool.

FIGURE 22-19. Recycled point fragments used as gouging/scraping burins. (a) parallel-sided lanceolate, Specimen 15X1-3; (b) Golondrina-Barber, Specimen 51Y1B-1.

FIGURE 22-20. Depositional, or additive, unidirectional microwear on dihedral angle sharply pointed chisel burin, Specimen 30R2-13; compare with Figure 22-11.

FIGURE 22-21. Ordered sequence of additive microwear on dihedral angle sharply pointed chisel burin, Specimen 37CC-34. Note microplating and recrystallized filament projecting from edge.

FIGURE 22-22. Additive rotary microwear on recycled Golondrina-Barber point (Specimen 13Q-2) as dihedral angle burin used probably as a boring tool.

Figure 22-16e) and a burin spall (see Figure 22-18k), not on dihedral angle burins. That suggests highly contrastive design criteria in which longitudinal symmetry and central placement of the burin tip play no part. Instead the tools are longitudinally asymmetrical with offset blunt points. Whether intentionally created or

simply selected for their requisite design features, the two would have been difficult to hold and use in the manner of the sharply pointed chisel burins. Indeed, the microwear striae are mostly perpendicular to the longitudinal axis of the tools (Figures 22-23b, 22-24). The tools would have been dragged, or rocked, back and forth across a hard surface or an already initiated groove. The tool longitudinal axis would have been nearly perpendicular to the worked surface with force applied both vertically and laterally. In contrast, the sharply pointed chisel burin tips (see Figures 22-20 and 22-21) were pushed parallel to the tool longitudinal axis, or were rotated about this axis (see Figure 22-21).

A further functional permutation is defined by gouging or scraping burins. These are the most common Wilson-Leonard burins and occur on a variety of blank forms (see Figures 22-16c, 22-18a-g and i, and 22-19). These burins exhibit rough longitudinal axis symmetry and are of variable length and thickness. The most conspicuous design element is a relatively wide, obtusely angled burin edge transverse or oblique to the tool's longitudinal axis. The use-wear overall is more-or-less perpendicular to the longitudinal axis of the tool and rockers, or pivots, in a reciprocating two-stroke fashion (Figures 22-25 through 22-27). This microwear must represent a semirotary gouging or scraping along the entire front of the burin edge. Although there is significant variation, an initial "invasive" penetration of the broad burin edge or surface generally occurs at an oblique angle or parallel to the longitudinal axis of the tool.

The tool edge is then moved perpendicular to its longitudinal axis, creating striations that parallel the tool edge and are likely a byproduct of a secondary cleaning stroke designed to remove detritus from a groove or slot. This use-wear is shown in Figure 22-28, an intentionally backed flake fragment whose tool edge is opposite the backing. The backing is reasonably interpreted as a way to dull the edge that would have been handheld. Thus, it is further evidence of prehension rather than hafting. Other examples of this gouging or scraping microwear occur on small flake burins (see Figure 22-23a; Figure 22-29) that also exhibit no evidence of hafting.

A final Wilson-Leonard functional burin group is that of a small splitting wedge. This group is represented by a single radially fractured flake specimen (see Figure 22-18h) used before the break as an invasive cutting tool (Figures 22-30, 22-31b). The radially fractured edge (see Figures 22-30, 22-31a) has invasive, striated micropolishes that originate at the edge. The oblique-to-the-edge orientation of the primary striae are diagnostically unidirectional and indicate the tool edge was placed perpendicular to a worked surface or slot. The opposite edge was struck to force the burin edge deeper into the worked material. There are also secondary striae adjacent to and paralleling the tool edge (see Figure 22-31a); these probably represent the

FIGURE 22-23. Microwear on flake tool gouging/scraping burin (a) and blunt tool point burin (b).

FIGURE 22-24. Additive microwear showing a two-motion rocking stroke on radially fractured biface blunt tool point burin, Specimen 50KA-6; compare with Figure 22-22.

FIGURE 22-25. Additive microwear on gouging/scraping dihedral angle burin, Specimen 29R2-3.

effects of a cleaning stroke to remove detritus much as appears to be the case for the gouging or scraping burins.

Gravers

A subset of the retouched flakes are five flake graters (Figure 22-32). All have intentionally prepared graving spurs,

although the number and location vary. Two show unmistakable tool use-wear (see Figure 22-32d, e; Figure 22-33); one other had equivocal wear traces (see Figures 22-32a; Figure 22-34); the remaining two (see Figure 22-32b, c), no use-wear. The graving spurs are mostly delicate, or relatively fragile. It came as something of a surprise that use-wear is consistently restricted to the tip only and does

FIGURE 22-26. Additive microwear on gouging/scraping burin fashioned from a broken parallel-sided lanceolate, Specimen 15X1-3.

FIGURE 22-27. Additive microwear on gouging/scraping burin fashioned from a broken Golondrina-Barber point, Specimen 51Y1B-1.

not appreciably extend onto the face of the spur. In essence, the use-wear describes the most narrow of contact zones on each graving spur tip. The striated micropolishes are patchy and discontinuous, in part because of use-related microfractures, or flaking, of the tip (see Figure 22-33a). The implication is that in engraving hard materials the spurs failed or broke off. Undoubtedly, much of the microwear evidence normally would be lost. Perhaps the best ex-

ample is that of the multispurred graver that shows progressive failure of individual spurs (see Figure 22-32a) but only equivocal microwear (see Figure 22-34).

Perforators/Drills

Although of similar purpose, a drill and a perforator ideally would contrast in tool motion. Rotary motion applied at the tip would be typical of a drill. A perforator would be plunged into or through a worked material, creating a conical hole by the wedging action of the tip and the tool shaft, and then extracted by pulling back on the tool. Tool forms should differ too. The drill form should allow for rotary contact of its tip with a worked material but ideally not its shaft. A perforator should have almost opposite design elements: because its tip initiates an opening that is further wedged by frictional contact with its shaft, the conical shaft should end in a needle-like tip. Tool extraction, however, might result in almost indistinguishable wear or damage to a drill or perforator shaft.

These distinctions guide the microwear assessment of seven bilaterally symmetrical tools (see Table 22-6). As noted earlier for one (see Figure 22-12), all seven have hafting microwear but differ in haft element form. Rotary microwear evidence indicates four served as drills (Figure 22-35c, e-g), of which two (see Figure 22-35e, f) or possibly three (see Figure 22-35g) were recycled from bifacial points. A combination of drill rotary motion and perforator pushing for one, the only uniface (Figure 22-35d), indicates a boring function analogous to that of the sharply pointed chisel burins. The final two lack a drill's rotary tool motion; one (Figure 22-35b) is clearly an awl (or perforator), the other (Figure 22-35a) a knife. The seven tools also display functional differences in inferred worked materials. The five drills or borers were used against relatively but not uniformly hard materials; the other two, contrastive soft materials.

All drills have transversely snapped tips, most likely failure during use. These are all discarded tools. Their wear traces are not in the strict sense on the tip but rather on the drill shaft at varying distances from the broken tip. The drill shafts all taper to the tip, which if only in theory is perhaps inconsistent with optimal engineering design criteria. Evidence of rotary tool motion is nevertheless clear on the drill shafts. The wear traces are diagnostically similar and express a clear order of distance from the tip. The best example of rotary motion is Figure 22-36a, which is somewhat

FIGURE 22-28. Additive microwear on gouging/scraping burin fashioned from an obtusely angled broken edge opposite a unifacially retouched, backed edge. The retouch backing was probably to blunt the edge so it might be more easily handheld. Specimen number: 14FF1B-1.

FIGURE 22-29. Microwear on unmodified flake gouging/scraping burins. Lot numbers: (a) 1328; (b) 1825.

back from a broken tip. The striae are essentially perpendicular to the longitudinal axis and crosscut each other, a striation pattern best explained as a byproduct of bidirectional (i.e., back-and-forth) rotary motion given the dia-

mond cross-sectional shape of the shaft that tapers to the broken tip. A similar pattern is seen in Figure 22-37a, which is substantially farther back from the tip of another drill, and importantly, has overriding striae oriented parallel to

FIGURE 22-30. Small splitting wedge abrasive microwear photomosaic. Upper left arrow points to area enlarged in Figure 22-31a; lower right arrow, to area enlarged in Figure 22-31b. Lot number 1803.

the shaft's longitudinal axis. The latter are likely to be a byproduct of invasive shaft penetration that is further expressed about two-thirds of the way up the shaft from the tip (Figure 22-37b). A third example is that of wear adjacent to a

broken shaft (Figure 22-38a) in which striae oblique to the shaft's longitudinal axis are overridden by ones that generally parallel or crisscross it (Figure 22-38b). The inference again is of rotary motion coupled with invasive shaft penetration but with the tip somewhat farther away from the break. Undoubtedly, the worked material was either significantly softer for the latter two or the first failed before a deep hole had been bored out.

These overall relations would seem to be borne out by microwear observations of the unifacial tool that, for lack of a better name, is called a borer. The tip is present, and thus it appears not to be a reject. Its microwear (Figure 22-39a, b) shows a clear pattern of striae nearly identical to the drills. The initial striae are perpendicular to the shaft's longitudinal axis and are indicative of rotary motion. Others parallel the shaft's longitudinal axis and have associated abrasive particles (see Figure 22-39a especially) opposite the tip. The tool motion is thus from the tip: the borer was pushed into the worked material, much in the manner of the sharply pointed chisel burins. Not only is the overall sequence of tool motion the same but also the actual appearance of the microwear is almost identical with the sharply pointed chisel burins (see Figure 22-21).

Tool movement within the haft is evident from wear traces also on the drills and the borer. The typical pattern is a latticework of striae (see Figures 22-12, 22-36b; Figure 22-40). One element, striae oriented to the tool's longitudinal axis, is undoubtedly a secondary byproduct of tool use, as noted earlier.

Although superficially similar in form, the final two (and seemingly still serviceable) tools differ in design and usage. The shaft edges of the awl, or perforator, are carefully ground, a deliberate attempt to dull them and enhance frictional drag. The awl shaft has a diamond cross-sectional shape; the sharply edged knife is biconvex. The knife's use-wear originates in a functionally expectable way at its lateral edges but is best expressed along the tool midline (Figure 22-41a). Use striae oriented at an oblique angle to the longitudinal axis converge and intersect. Microplating is common and the tool experienced sustained use. The awl also has use-wear primarily on the tool midline (Figure 22-41b). Use striae orienting parallel to the longitudinal axis are indicative of deep shaft penetration that originated at the awl tip.

FIGURE 22-31. Small splitting wedge microwear. (a) EDP due to wedging use; (b) previous use as invasive cutting tool (see Figure 22-30 for location). Lot number 1803.

FIGURE 22-32. Flake gravers. Specimen numbers: (a) 16.S2-9; (b) 37DA-2; (c) 37BD-31; (d) 28T2D-7; (e) 24Q1-3.

FIGURE 22-33. Flake graver microwear, Specimen 28T2D-7. (a) EDP patches and use microflaking damage to tip; arrow points to EDP enlarged in (b); (b) microplating and striae with abrasive particles.

FIGURE 22-34. Flake graver with possible microwear, Specimen 16.S2-9.

Unifacial Knives

This group of five tools and two tool fragments comes from the unmodified (Figure 22-42) and retouched (Figures 22-43, 22-44b) flakes. Only two (see Figure 22-43) were carefully prepared by backing one of the lateral edges. All appear to have been used primarily on relatively soft materials. Typically, the abrasive microwear is invasive and is accompanied by arris rounding (see Figure 22-13; Figure 22-45). There is no evidence of microplating. The artifacts do not appear to have served as extended use tools, nor to have been hafted; they still appear to be serviceable.

One of the intentionally backed tools was used, if only incidentally, to cut hard material, perhaps bone, as the polish consists of a broad band with striae oriented parallel to the unretouched edge (Figure 22-46). These use-wear details commonly occur in carcass butchering. The overall wear traces for this and the other backed tool indicate the unprepared edge of the two tools was the primary working edge. The backing most likely facilitated holding the tool. The two tools both appear to be similar in function, with use mainly as butchering tools.

FIGURE 22-35. Perforators/drills analytical group. (a) knife; (b) awl; (c) drill; (d) borer; (e-g) drills. Specimen numbers: (a) 32W1B-1; (b) 26U1B-3; (c) 6G-6; (d) 30T1C-1; (e) 14D-2; (f) 13J-29; (g) 26R1-4.

FIGURE 22-36. Broken drill made on a recycled point, Specimen 14D-2. (a) additive rotary microwear, compare with Figure 22-23; (b) haft microwear.

FIGURE 22-37. Broken bifacial drill, Specimen 6G-6. (a) additive rotary microwear; (b) invasive additive microwear probably due to removal of shaft from drill hole.

Projectile Points

The 32 chipped stone points are both stylistically and functionally diverse (see Table 22-7) but generally have carefully ground bases. Unless otherwise noted, the microwear polishes are additive with extensive microplating and evi-

dence of use sequencing. Generally speaking, the microwear analysis documents recycling. Most but not all began as projectile points. This summary begins with two points that were difficult to classify typologically: an unusual thin, notched point (Figure 22-47a) found in the Leanne soil and a lanceolate point found in the Bone Bed (or Unit Isi/Ic1)

FIGURE 22-38. Broken bifacial drill, Specimen 13J-29. (a) additive rotary microwear; (b) invasive additive microwear probably due to removal of shaft from drill hole, compare with Figure 22-37.

FIGURE 22-39. Unifacial borer additive microwear, Specimen 30T1C-1. (a) note abrasive particle at end of striation; (b) compare with Figure 22-21.

(Figure 22-47b) and then proceeds sequentially to the later, formally named, Late Paleoindian and Early Archaic point types. Based upon the microwear analysis, the latter are placed in a functional rank order in the group illustrations.

LEANNE SOIL AND BONE BED POINTS

Neither artifact is typologically distinctive and one would be hard pressed to pigeonhole either into an established point type. The thin, notched point, is the more bi-

FIGURE 22-40. Laticework haft microwear on unifacial borer, Specimen 30T1C-1.

zarre (see Figure 22-47a). Originally side or corner notched then broken just below the shoulder, it is also notched on one side only above the break. There is no evidence of basal fluting. The artifact's biconvex cross section, high width to thickness ratio ($>6:1$), and pattern of primary flake scars intersecting about the midline are all reminiscent, however, of an early Paleoindian specialized biface technology geared not for weaponry but knives. The most elegant expression of this technol-

ogy is the Folsom ultrathin biface (Kay 1995; Root 1994a, 1994b). Potlid fractures, heat crazing, and the dull luster of all flake scars indicate thermal fracture followed manufacture or other optional modifications. There is no microwear evidence, however, associated with the potlid scars and, thus, it is reasonable to assume thermal fracture led to the point's discard. Wear traces originate at the blade edges but are highly invasive and best expressed on the surface of the point; these indicate usage as a knife, most likely a butchering tool. Complementary striation patterns of multiple cutting strokes indicate tool movement both parallel to the blade edges and more-or-less perpendicular to them (Figure 22-48). The area immediately above the notch (see Figure 22-48a) has the exact same perpendicular to the edge striation pattern as a second completely separate area (see Figure 22-48b). But there is no use-wear at the notch edge. Hence, it appears this edge modification occurred after the initial shoulder break and was a further attempt to notch the point. A laticework striation pattern (Figure 22-48c) is similar to haft wear traces noted on the drills and perforators (see Figures 22-12, 22-36b, 22-40). The striations parallel to the longitudinal axis of the point at this location and above the notch on the opposite edge also share the same general orientation. Rehafting after the stem broke is indicated.

FIGURE 22-41. Microwear on (a) bifacial knife, Specimen 32W1B-1; (b) awl, Specimen 26U1B-3.

FIGURE 22-42. Small unmodified flake knives.

The Bone Bed point is an extremely thin (4.1 mm maximum thickness) lanceolate with well-executed collateral secondary flaking and a concave base. Lateral and basal edges of the haft element were carefully and extensively ground. Basal fluting was not attempted. The point tip and most of the right blade edge are missing, due at least in part to impact fracturing. The right blade edge may have been deliberately removed, however, by a burin blow to the tip impact break. Deliberately removed or not, the right edge angle is obtuse, consistent with other Wilson-Leonard burins.

Microwear examination clearly shows point recycling. Initial use was as a projectile point that resulted in impact striae about 18° off the longitudinal axis (Figure 22-49a) and

impact breakage: a glancing rather than straight-on blow to the tip is indicated. The tool was then used as a meat knife (Figure 22-49a) and lastly as a burin to cut or saw hard material such as bone, antler, or hardwood (Figure 22-49b). Haft wear traces (Figure 22-49c) include extensive arris rounding and a final series of secondary striae whose orientation is consistent with impact (see Figure 22-49a). At about a 43° diagonal angle to these are nearly filled-in striae. These may represent an earlier episode of glancing projectile point impact damage.

WILSON AND OTHER EXPANDING STEM POINTS

Nine stemmed, or corner notched, specimens are included. All are distinctly shouldered and have (or originally had) symmetrical triangular blades. The blade on the largest specimens is over five times as long as the haft element length. A similar point from stratigraphically above the Wilson component lacks the typical haft element grinding and is classified as expanding stem straight base (Figure 22-50d). The nine are functionally subdivided according to wear traces into two main groups. The first are four specimens (Figure 22-50) whose longitudinal sections taper to the base and thicken to a maximum just before plunging to the tip. They show uniform use-wear. Micropolishes have striae oriented to the tool longitudinal axis and originating at the tip crosscut by ones that originate at the blade edges (Figure 22-51). These initially were used as projectile points and then recycled as knives. They have well-maintained blade edges uniaxially resharpened and creating an alternating left lateral bevel. The alternating uniaxial resharpening is not merely an approach that requires less effort than would

FIGURE 22-43. Unifacial retouch backed knives. Specimen numbers: (a) 33Q2-15; (b) 3462C-3.

FIGURE 22-44. Retouched flake artifacts. (a-b) tools (see also Figure 22-28); (c) preform. Specimen numbers: (a) 14FF1B-1; (b) 37LA-5; (c) 36E-23.

FIGURE 22-45. Invasive abrasive microwear on small unifacial knives.

FIGURE 22-46. Abrasive microwear on retouched edge of backed unifacial knife, Specimen 3462C-3.

FIGURE 22-47. Reverse sides of (a) Leanne soil knife point, Specimen OR680; (b) early Bone Bed point, Specimen 17JJ2KK1-3.

be true for further bifacial edge maintenance (Sollberger 1971). It also would be less costly in two ways: (1) it would extend the serviceable life of the cutting edge by requiring less of it to be removed when resharpened, and (2) it would result in a reciprocating pattern of use of all potential cutting edges and consequently fewer changes in motor habits to effectively employ the tool.

These points appear to have been rejects (or discards) as opposed to still functional tools. The longest artifact (see Figure 22-50a) has a shoulder removed. The broadest and next in length (see Figure 22-50b) is heat damaged in an identical fashion as the unusual thin, notched point (see Figure 22-47a). Neither of the other two specimens is as wide as the longest, and one has an impact damaged tip (see

FIGURE 22-48. Additive microwear on obverse side of Leanne soil knife point, Specimen OR680. Specimen was wrapped in aluminum foil, and aluminum residue adheres to the surface in all three photomicrographs. Compare (c) with Figures 22-36 and 22-40.

Figure 22-49c). Continued blade resharpening apparently was not an option for any of the points, either because of thermal fracture or because they were simply too narrow.

The second group includes all other Wilson and expanding stem points. These had more complex use histories. One is a projectile point ultimately recycled as a burin (33EE1C-1) already described; the other four are presented in Figure 22-52. Of the remainder, one (see Figure 22-52d) is virtually identical to the first group, except that it has been repointed. Its basal end has impact scars (on the face extending up the blade element near the right edge), and its

maximum thickness is at the midline in the shoulder area, two key bits of evidence of reversing the ends after the tip had broken off. Its maximum blade width is less than that of the thermally fractured point from the first group, and probably it too had reached its limit for successful resharpening. Another has wear traces indicative of initial use as a knife followed by impact striae (Figure 22-53) and is the logical opposite of the first group. Its blade edges differ dramatically in that it was not unifacially resharpened and the right edge is extensively damaged. It appears to have been lost or discarded after tip impact breakage occurred. The

FIGURE 22-49. Additive microwear on obverse side of early Bone Bed point, Specimen 17JJ2KK1-3. Compare (b) with Figure 22-21. Note filled in impact (a) or impact-related (c) striae.

smallest Wilson point contrasts in that its blade element must have been repeatedly resharpened. It also has the most extensive and complex haft wear (Figure 22-54). Usage was as both a projectile and a knife but without any easy way to establish which occurred first. The final Wilson point was resharpened as a scraper. The surface adjacent to but on the opposite side of the scraping edge was also used in a sweeping, back-and-forth lateral scraping motion with force applied perpendicular to the surface (Figure 22-55). The most likely contact material would have been animal skin or hide stretched and held against a hard backing.

GOLONDRINA-BARBER

The three remaining Golondrina-Barber points (two burins are previously described) differ in design features from the Wilson points. Aside from being true lanceolates, the typical Golondrina-Barber point longitudinal section is more lozenge shaped, or biconvex. Maximum thickness is along the midline in approximately the middle of the point, and it tapers to either end. Blade edges do not exhibit alternate unifacial resharpening. Lateral grinding of the base extends to the point of maximum blade width, or approximately one-third to one-half the total length on these three

FIGURE 22-50. Discarded Wilson and Wilson-like (d) projectile points recycled as knives. Specimen numbers: (a) 28Y2C-1; (b) 32DD1B-1; (c) 28Y2D-2; (d) 50MA-1.

FIGURE 22-51. Wilson additive microwear showing sequential use as a projectile point then knife, Specimen 28Y2D-2. Compare with Figure 22-41b.

specimens. (This is also the case for one [see Figure 22-19b] but not the other [see Figure 22-17b] of the points recycled as burins; the latter appears to have had substantial reworking of blade margins.) Golondrina-Barber contrasts significantly from Wilson in haft to blade element proportions.

Wear traces describe a Golondrina-Barber use-history group that began as knives and ended as projectile points (Figure 22-56a, b) and one (Figure 22-56c) that began either as a projectile

point or a knife and ended as a projectile point. The differences in point length are probably due to optional bifacial resharpening of the blade. Each specimen has tip impact damage that should have been easily repaired. They may have been lost as opposed to discarded. The microwear showing initial use as a knife followed by recycling as a projectile point (Figure 22-57) is remarkably similar to one of the Wilson points (see Figure 22-53); whereas microplating (Figure 22-58) makes it impossible to judge if another Golondrina-Barber point was a knife or projectile point first—although both uses occurred. Even though the five are but a small sample, the overall impression is still that the Wilson-Leonard Golondrina-Barber point was designed initially as a knife.

PARALLEL-SIDED LANCEOLATE AND ST. MARY'S HALL

Parallel-sided and similar in longitudinal section (i.e., relatively thin and almost flat with uniform thickness), these two point types contrast in blade width, thickness, and in basal shape (i.e., the St. Mary's Hall has a concave base). The St. Mary's Hall's haft element would have been longer, as its base is more extensive in its lateral edge grinding. The parallel-sided lanceolate is broader, thicker, and invariably the blade has sustained a transverse fracture. The narrower St. Mary's Hall point typically has an impact fractured tip, although the largest one is transversely fractured. These obvious differences are further borne out by systematic contrasts in microwear that describe alternate—and perhaps equally unsuccessful—use histories. These distinctions, to my way of thinking and as

FIGURE 22-52. Recycled and probably discarded Wilson points. (a) knife point recycled as a projectile point; (b) recycled as a scraper; (c) extensively resharpened; (d) repointed and reused as a projectile point and then recycled as a knife. Specimen numbers: (a) 30CC2A-1; (b) 17AA2-2; (c) 20X-1; (d) 9V-1.

FIGURE 22-53. Wilson additive microwear showing sequential use as a knife point then projectile point, Specimen 30CC2A-1.

Miller (1980) argued for another technological complex, however, do not suggest discretely different point types but use-related contrasts in a single production strategy. The emphasis and initial attempt probably began with the production from flake blanks of relatively large but thin,

parallel-sided flat bifaces with a square base. As need or circumstance dictated, these could have been easily transformed either directly into the two point types or from the larger parallel-sided lanceolate into the smaller St. Mary's Hall.

FIGURE 22-54. Complex additive microwear on haft element for extensively resharpened Wilson point, Specimen 20X-1, in which projectile point/knife sequence could not be established.

FIGURE 22-55. Additive microwear on a Wilson point recycled as a scraper, Specimen 17AA2-2. Note the recrystallization of filaments.

FIGURE 22-56. Golondrina-Barber knife points (a, b) or probable knife point (c). Specimen numbers: (a) 15Y1-1; (b) 50YA-1; (c) 15X1-1.

FIGURE 22-57. Golondrina-Barber additive microwear showing sequence of knife point then projectile point usage, Specimen 15Y1-1. Compare with Figure 22-53.

FIGURE 22-58. Golondrina-Barber additive microwear for which projectile point/knife sequence could not be established, Specimen 15X1-1.

Functionally diagnostic are the systemic differences in blade width and edge angle. The parallel-sided lanceolates were designed to be knives, as wear traces demonstrate (Figures 22-59b, 22-60). Their greater width would have facilitated prolonged bifacial resharpening and maintenance of lateral edge angles that are generally less than 62° . In contrast, the St. Mary's Hall edge angles are generally above 70° . The steeper angle afforded a "tougher" edge for these tools designed as projectile points and only incidentally used as knives (see Figures 22-14, 22-59c; Figure 22-61). Thus, even the largest parallel-sided lanceolate that lacks use-wear (Figure 22-59a) can be characterized as an unused knife on the basis of overall proportions and edge angles. Undoubtedly it was discarded because of thermal fracture prior to use. This logic applies in reverse to the other three smaller but extensively used St. Mary's Hall projectile points with perverse impact fractures (Figure 22-59d, e) or an alternate left lateral unifacial bevel (Figure 22-59f): the three appear to be unserviceable discards because blade length and fractures would have made further repair impractical. The polarized blade edge angles for the two lanceolate types describe a functional continuum of no small heuristic potential.

Cutting use-wear often was coincident with a transverse snap, or bending break, of the blade (see Figures 22-14, 22-60, 22-61). Blade edge repair was a paramount concern, if only for the parallel-sided lanceolate (as noted for a "burin facet" on the left lateral edge [see Figure 22-60 at "v"]). Even following a transverse snap, the parallel-sided lanceolate continued to function. Due to the extensive damage to the St. Mary's Hall points, this relation is not as clear-cut except as it pertains to the largest specimen whose total length is comparable to the broken but continued to be used parallel-sided lanceolates. Used initially as a projectile, this point's characteristic transverse snap, or bending break, came either just prior to or when used as a cutting tool. The break itself, in this instance, was insufficient to cause rejection as the St. Mary's Hall point was being used in essence as a parallel-sided lanceolate, thus supporting if not actually proving the transformable nature of the two types. Its massive potlid fractures are indicative of heat-induced material failure likely to have caused the point's discard. The potlid fractures are presumed to be a byproduct of intentional but unsuccessful heat treatment, a retipping preparatory step as opposed to accidental heat damage. Otherwise, it surely would have been repointed and reused as was true for the smaller St. Mary's Hall points. The

FIGURE 22-59. Parallel-sided lanceolate knives (a, b) and St. Mary's Hall projectile points (c-f). Specimen numbers: (a) 25V1C-1; (b) 26X2A-1; (c) 20W-1; (d) 50XD-1; (e) 25U2-1; (f) 7Q-1.

FIGURE 22-60. Parallel-sided lanceolate knife additive microwear with repair of left blade edge following breakage (at "v"), Specimen 26X2A-1. Usage continued after the break.

major weakness of either type of point was truly a structural one: its thin, parallel-sided longitudinal section almost ensured the point would be prone to a bending break when, in killing an animal or butchering its carcass, it was accidentally levered against a bone.

ANGOSTURA

Angostura represents a logical progression in knife technology. The four specimens examined (Figure 22-62) are similar in longitudinal shape to the parallel-sided lanceolate and St. Mary's Hall points but are intermediate in average thickness between the two. They are elliptical, or leaf-shaped lanceolates, as opposed to being parallel sided; the two largest complete specimens (see Figure 22-62a, b) have serrated symmetrical blade edges that converge to the tip. Resharpener on these two specimens followed the material conservative Wilson point approach of alternating unifacial retouch, but contrasts in creating a right lateral bevel. One specimen is asymmetrical in form and was bifacially resharpened (see Figure 22-62d). The blade element of the last specimen (see Figure 22-62c) is missing but its base most closely resembles the two largest specimens. The rounded point tips for all three complete specimens exhibit, at low-power magnification, use-related crushing, or microstep fractures, due to contact with relatively hard materials. The uniformity of tip crushing suggests all three were designed to pry into or to withstand the shock of incidental contact with hard material. Blade use-wear for the three specimens is equally consistent. The basic pattern is that of repeated long-term usage as a cutting tool (Figure 22-63). Substantial microplating and recrystallization unequivocally document that the cutting stroke originated at the resharpened serrated edge. Striae at an oblique angle to the blade edge are invasive and carry over to the midline. Other striae oriented parallel to the longitudinal axis originate at the tip. These are indicative of tip penetration, if not projectile point usage. These striae are consistent with tip crushing and both crosscut the initial cutting use-wear and are followed by further cutting wear traces. Initial usage was as a knife, followed by either usage as a projectile point or by jabbing with the tip (the more likely as discussed below), and then returning to a knife.

In light of the microwear evidence, the original blade form may be reconstructed as a serrated meat knife whose convex edges converged to a rounded tip and with a blade to haft element length ratio of about 3:1. The four specimens (see Figure

FIGURE 22-61. St. Mary's Hall haft microwear showing secondary effects of sequential use as, first, projectile (the vertically oriented striae overriding the horizontal ones) and then as knife (the crisscrossing obliquely oriented striae overriding the vertically oriented striae), Specimen 20W-1. See also Figure 22-14, which shows the same sequence and indicates usage continued after the break; compare with Figure 22-54.

FIGURE 22-62. Angostura knife points. (a, b) appear to be still serviceable and may have been lost; (c, d) unserviceable and probably discarded. Specimen numbers: (a) 25R1-1; (b) 11Q-1; (c) 16.S2-1; (d) 29T1C-1.

22-62) show linear effects of blade use and resharpening: alternate unifacial beveling or blade element asymmetry are clear evidence of resharpening; serrations the relative state of blade maintenance and use. Not by accident is the largest specimen also the one with the most conspicuous blade serrations, or does resharpening result primarily in a reduction in blade width not length. Converging blade edges and tip rounding appear to confer other advantages, most likely to withstand end shock and blade failure resulting from bending breaks so common to the parallel-sided lanceolates. In contrast, the Angostura blade form appears to have been more successful. It better withstood incidental contact with bone in carcass butchering and was less prone to end shock failure. Although the similar longitudinal sections lessened drag per cutting stroke, serrations expanded the cutting surface of the blade edge per unit length, making the cutting stroke more efficient. The alternate unifacial resharpening maintained the serrated, converging-to-tip blade profile without unduly sacrificing essential blade length that ensured cutting efficiency.

The three complete Angostura points express a predictable gradient in blade form and length. Reductions in blade width due to alternating unifacial resharpening accommodated the need to maintain serrations, the converging-to-tip blade edges, tip rounding, and seemingly functional blade to haft element length ratios (2.8:1, 3:1, respectively) for the larger two. These two would appear to have been still serviceable. In addition to use-related differences in form and resharpening technique, the third complete specimen contrasts in having a smaller blade to haft element length ratio (2.6:1). Its blade serrations are nearly completely worn off. No further attempt was made to resharpen. It is more likely to have been a reject; its blade to haft element length ratio may express a lower boundary for use as a meat knife for Angostura.

THRALL

The Thrall point is another leaf-shaped lanceolate with a ground, concave base but differs substantially from Angostura. Thrall points are greater in thickness and lack blade serrations. Longitudinal section is biconvex

FIGURE 22-63. Angostura knife point invasive additive use-wear with extensive microplating, filling in of striae and recrystallization on trailing side, Specimen 11Q-1. See also Figure 22-15.

and attains maximum thickness coincident with maximum blade width, approximately one-quarter to one-third back from the tip. The proportional relationships of biconvex longitudinal section, maximum width and thickness well forward of the haft/blade element juncture (where Angostura maximum width occurs) suggest a frontally oriented penetrating wedge whose focus is the tip, not the lateral edges *per se*. This unserrated form, in combination with the impact fractures on each of the four specimens (Figure 22-64), seems to be entirely intentional. Indeed, it is totally consistent with the microwear evidence that suggests one and only one thing: Thrall is the ultimate projectile point technology of the Wilson-Leonard Paleoindian and Early Archaic point complex.

Although projectiles, it would be misleading to suggest they were only that. The extensively microplated microwear for all four tools is uniform in this respect and shows a characteristic cycling of projectile point:knife:projectile point usage. The most elemental of the microwear, however, is exhibited on the smallest (and most likely, most extensively reworked) specimen (Figure 22-65) that consists of the final episode of projectile point usage. The most complex microwear for the entire Wilson-Leonard collection is shown on a second extensively reworked Thrall point (Figure 22-

66) and records a series of projectile point:knife:projectile point episodes.

The impression one receives is that these, the most massive of Wilson-Leonard projectile points were employed in a more-or-less ad hoc fashion as butchering knives following a kill. An impact-damaged tip was repaired along with any needed changes in overall shape, and the tool was again employed as a projectile point. In a strict sense they were not recycled. They appear rather to have had an anticipated, or planned, use as a meat knife as circumstances dictated but without the efficiency imparted by a serrated edge. (However, for a projectile point an unserrated edge would reduce effective blade length and frictional drag; it would be the edge design of choice.) Knife use would have been incidental to its primary function as a projectile point.

The four Thrall points examined comprise two related microwear groups. The first describes a use-maintenance continuum of tip impact breakage and blade resharpening (see Figures 22-64a-c, 22-65, 22-66); the second, the reversal of ends and repointing of a broken blade element (see Figures 22-64d; Figure 22-67). In Figure 22-64, the first group is arranged in the order expectable from repeated resharpening of the broken tips and wear traces. For both groups, however, the overall reduction in blade length is accompanied

FIGURE 22-64. Thrall projectile points. (a-c) a resharpening sequence; (d) repointed. All appear to still have been repairable following impact fractures. Specimen numbers: (a) 19N-1; (b) 13N-2; (c) 31P1-1; (d) 31R1-1.

FIGURE 22-65. Thrall projectile point additive use-wear, Specimen 31P1-1. Note the proximally dislodged particle in the center of the photomicrograph that conclusively shows striae originated at the distal, or tip, end.

by a blade/haft element juncture made more distinct by a change in blade edge curvature. Reworking of these tools affected both the blade and haft elements alike. Functional necessities were carefully met for overall shape, thickness, and size.

The base in comparison to the blade is the more consistent and accords a sense of hafting parameters. Its hafting must have been less wide than and centered upon the blade of the projectile point. Although not directly observable, it seems equally likely to have been less than the maximum thickness of the point, to minimize frictional drag on penetration. Extensive lateral grinding of the base suggests mounting in a split as opposed to a socketed foreshaft, as deliberately dulling the edges would reduce the likelihood of cutting the binding lashes.

Hafting microwear (and for Angostura [see Figure 22-15] and even St. Mary's Hall [see Figure 22-61]) is consistent in showing the effects of horizontal binding lashes. Assuming the point was attached to a split foreshaft, the extensive basal grinding and haft binding requirements would seem to be borne out by these wear traces.

The difference in technology afforded by Angostura and Thrall hafting requirements is instructive of a larger puzzle—that of accommodating a similar hafting approach to contrastive tool functions. For Angostura, the handle or split foreshaft would have had to exceed the width and thickness of the blade element. For Thrall, the reverse is more likely the case. Why would such a systematic difference be both appropriate and predictable? The answer must lie in the intended tool

FIGURE 22-66. Thrall projectile point additive microwear with extremely complex sequence of usage as projectile:knife:projectile, Specimen 13N-2. Note also the many abrasive particles in the striae.

function and the manner in which hafting accommodates the specialized tool form.

For Angostura, a handle as large or larger in width and thickness than its blade would not impede its use as seemingly the ultimate Paleoindian and Early Archaic butchering knife, because the handle would not be intended to penetrate a carcass. Its overall size and shape would be designed instead to enhance the cutting effectiveness of the blade edges and to fit comfortably in the hand.

For Thrall, the foreshaft should exhibit a transverse profile smaller than blade width and thickness so as not to impede penetration of the projectile point. Assuming recovery of damaged but still maintainable points, blade rejuvenation would continue as long as this relation held. (The four Thrall points are all impact damaged. But in considering their use history that is uniformly one of being reworked, it seems that all could have been repaired. The fact they were not suggests the four were probably lost as opposed to being simply discarded.) A variable but finite limit on optional tool maintenance would be contingent not on overall blade length but on proportional differences in width and thickness: further resharpening would have been the expected option whenever blade width and thickness exceeded the maximum transverse sectional parameters of the foreshaft.

The ratio of blade to haft element length that, to judge from the Angostura example, is functionally constrained for a meat knife might also be expected to be more variable as repointing continued on damaged projectiles. Thus, this ratio would not be a practical measure of continued projectile point use life, while a blade width to thickness ratio might truly be instructive.

One could argue, of course, that to base such conclusions on a sample of four tools is simply too large a stretch to be credible. And, in this instance, I make no pretense of trying to satisfy a statistician's ideal for sampling. Interpretations, however, are not inherently marred by small sample size. Indeed, the question is not so much sample size as it is sample variability. Even our small sample is sufficiently variable to judge the central role the foreshaft had in retooling.

The proof comes from the final Thrall point (see Figure 22-64d). Its microwear (see Figure 22-67) shows an unequivocal ordered series of striae, microplating, and recrystallization that does two things. First, it establishes that rehafting came after earlier projectile point tool use. A notable detail among many is the "capture" of abrasive particles that cut hafting striae by an earlier series of impact striae oriented to the tool's longitudinal axis. Given the order established, it is simply inconceivable that these are haft-related secondary

FIGURE 22-67. Thrall projectile point additive microwear showing “capture” of haft striae abrasive particles in earlier impact striae, Specimen 31R1-1. Note also recrystallization on trailing edge of haft wear.

impact striae. Rather, they are primary and document that the basal end originally was the tip end. In sum, there was a reversal of ends and continued use as a projectile point. Second, the recreated haft element is almost identical in size and proportion to the others. These similarities are truly remarkable. They underscore not only the governing proportional relations in blade width and thickness, but also that foreshaft transverse profiles met a narrow range of tolerance in both proportion and actual dimensions. Exactly why remains a mystery. It may relate to the maximum acceptable size of foreshaft materials, the spear's stability in flight and on impact and penetration, the preferences of individual tool makers, or a combination of all these considerations. Admittedly just a guess, but I would not be surprised if all four points were made and used by one person.

Thrall is differentiated from the other projectile points in that (1) its use history began and ended as a projectile point; (2) its blade edges were repaired bifacially, the most efficient way to maintain transverse blade proportions but not blade length; (3) its transverse and longitudinal blade profiles are mutually reinforcing, projecting wedges designed to initiate a broad, lethal wound; (4) its split foreshaft assembly (if not the shaft) most likely was shielded by the broader and thicker blade element and, thereby, did not add to frictional resistance, or drag, on penetration; and (5)

the projecting blade wedges assured repeated optional maintenance because maximum blade width and thickness both coincided and were well forward of the haft/blade element juncture but well back of the tip. Thus the penetrating blade wedges could be maintained easily even when substantial reworking of the tip, the base, or both was required.

NONTTOOL ELEMENTS

Microwear analysis does distinguish unifacially retouched flake tools or, in the case of flake graters, tools to be and tool renewal. In addition to flake graters, nine, however, exhibit no use-wear, and it is instructive to take a closer look at these (see Figure 22-44c; Figures 22-68, 22-69). Several are carefully retouched (see Figures 22-44c, 22-68a, b, 22-69a, b, d) in ways that suggest intentional preparation of a tool blank or preform. The others are less carefully flaked or merely edge damaged but are of approximately the same or larger size. With three exceptions, two of which are carefully retouched (see Figure 22-68b, c) and the third is edge damaged (see Figure 22-68d), the retouched flakes are as large or substantially larger than any of the tool elements. Virtually any of the retouched flakes, carefully patterned or not, could be viewed as a tool blank or preform for many of the bifacial implements. Not analyzed,

FIGURE 22-68. Retouched flake preforms. Specimen numbers: (a) 15HH1A-1; (b) 37EE1C-1; (c) 29U1C-11; (d) 37Q2D-12.

FIGURE 22-69. Retouched flake preforms. Specimen numbers: (a) 17D-9; (b) 37CB-2; (c) 37BD-26; (d) 33Q2-2.

however, are even larger bifaces; some undoubtedly are tools—as would be true for the adzes—but others probably are simply large preforms at a more advanced stage of manufacture. A more comprehensive analysis in which microwear would play a small but important part is needed to differentiate possible core:biface or flake:biface production strategies.

Trends in Form and Function

In a strictly technological sense, the analyzed artifacts all are utilitarian or byproducts of manufacture or maintenance. They were regularly broken, repaired, recycled, discarded, or lost at the Wilson-Leonard site. These observations are neither startling nor unexpected, if only because in the late-nineteenth century, W. H. Holmes recognized (see Johnson 1993 for an insightful review) chipped stone tool manufacture and use as interrelated, linear subtractive processes, and we have followed his lead ever since. Indeed, the novelty—and an upsetting one at that—would have been if these relations had not held. The value of this study, however, is not in confirming the obvious, at least the obvious to a knowledgeable lithic specialist of whom this project already has several. Nor is it sufficient to simply provide additional details, however attractive and intricate the wear traces may be.

No, its value must lie in an entirely different area, one pursued on a more-or-less individual tool type or group basis so far: it is, of course, that of applying principles of engineering design and least effort to chipped stone tools. Initially pioneered by Semenov and using microwear and tool edge characteristics as evidence, this approach is a mainstay of lithic technological studies (Cotterell and Kamminga 1990; Shott 1989:22-27). Indeed, it is among the most robust analytical conventions available to archeologists, as Braun (1983:111-112) makes clear in speaking about tools and domestic crafts—“where the makers all are the users”—in an elegant if somewhat ironic way:

When pottery making is a domestic craft, we can then assume a selective process. Pottery techniques that produce vessels that are inefficient as tools, require relatively high labor or material costs, or require relatively frequent replacement, will tend to be avoided in favor of techniques that produce more efficient results, at lower costs, with lower frequencies of replacement. Conversely, then, materials and shapes used by domestic potters can be expected to be, if not actually finely attuned to all details of intended vessel performance, at least *satisfactory* for the demands placed on them [emphasis in original].

To paraphrase Braun, the Wilson-Leonard artifacts are a byproduct of a domestic craft and obviously do express information about the efficiency of tool design in addition to being formally describable as functional tool types (i.e., extractive, maintenance, etc.). The question is, how best to assess the available information?

Approaches

The Wilson-Leonard sample poses at its worst some insurmountable statistical problems and at best is less than ideal. Analyzed artifact sample sizes are generally small and variable. Missing data are common. For the most part, probabilistic hypothesis testing would be inappropriate and misleading, if not simply unintelligible. These problems serious though they are, however, do not preclude a statistical analysis of trends in tool form and function. But pairwise contingency tests or even more powerful and sophisticated parametric procedures would not be appropriate.

In a classic paper, Spaulding (1982) describes structures in archeological data. Spaulding's (1982:9-10) thesis is to hierarchically model all possible relationships among archeological data, which he regards as characteristically nominal (or categorical) in scale. He argues to expect in some cases a “complex interaction among all those variables such that each combination of two attributes predicts the attribute of the third variable.” This hierarchical approach may reveal the underlying structure, or pattern, that would be overlooked by pairwise contingency testing.

Hierarchical modeling has further advantages: in theory, of being independent of sample sizes and, in practice, to be nearly so. So, in demonstrating a statistical approach oriented not to probability but rather to estimation, Spaulding has done us all a favor of no small size.

The power of the technique is expressed readily by graphic triangulations. And, as Spaulding (1982:9) illustrates, a diagram is worth a thousand words. Frankly, without graphs the interrelations of a hierarchical model would be nearly impossible to appreciate. But we are hardly constrained to employ only the cellular models Spaulding uses.

It may seem a violation of Spaulding's assumptions that I choose to crossplot ratio scale data, but in theory and reality it is not. He allows and underscores the utility of ratio scale data to express patterns, and indeed regards them as far superior to patterns of nominal data. Spaulding (1982:5-6) makes a further distinction with which I completely agree:

When we examine a group of artifacts made by the members of a nonindustrial society, we describe them as made of wood, bone, clay, stone, or metal, and as vessels, projectile points, axes, knives, and awls. We do measure and weigh the artifacts, of course, but we do not think of the measurements as descriptions in quite the same sense as the classification ‘projectile point.’ The measurements are instead raw material for further analysis: we hope to demonstrate an order within or among the measurements that reflects culturally imposed patterning, to show that the projectile points can be described objectively as long or short, for example. In very plain situations, the measurements may be treated directly as nominal classifications; we simply observe that there are long and short categories, and in doing so we make an implicit inference about the perceptions of the artifact makers.

Discussion

Tool blank selection at virtually all levels shows a consistent relationship with average measures of mass (see Figure 22-9) and size (Figure 22-70). Even the small, unmodified flakes differ in overall proportions depending on their having been tools or unmodified flakes (see Figure 22-70). This difference extends as well to their average edge angles (Figure 22-71). What distinguishes the “typical” unmodified flake tool is its overall larger size and edge angle from comparable lithic debitage. On average, retouched flake blanks contrast in being larger in mass, size, and edge angle than retouched flake tools and in size and weight but not edge angles for bifacial points (see Figures 22-70, 22-71). These observations are consistent with expectations for the manufacture and use of unifacial and bifacial tools from retouched flake blanks. With resharpening, the edge angles should become steeper and that is exactly the observation. Average tool edge angles also show a progression in steepness that begins at the low end with the unused parallel-sided lanceolate knife point followed by unifacial and bifacial point knives, projectile points, drills, and the awl (see Figure 22-71). Average burin edge angles are obtuse but differ between unifacial or recycled knife point burins and those recycled from projectile points (see Figure 22-71).

What undoubtedly will be of great interest to other researchers is the average trend in tool edge angles, and especially the distinctions between knives and projectile points. These differences, I think, are not merely a function of small samples or other peculiarities of the Wilson-Leonard collection and site. An especially strong bit of supporting evidence is that Wilson-Leonard unifacial and bifacial knives have almost identical edge angles. The difference between the two is not in intended tool function, for which edge angle preparation is critical, but in intended use history; unifacial knives were not regularly recycled, nor do they exhibit progressive use-wear associated with the bifacial knives. In sum, they contrast in projected length of service, not function. Unifacial knives were for short-term use; bifacial knives, long-term. Then too, the Folsom ultrathin biface, a very specialized knife found at Wilson Leonard but not included in this study, has comparable edge angles to both the unifacial and bifacial point knives of between 40° and 60° (Kay 1995). Projectile points are steeper. And as seems to be the case for the St. Mary's Hall points, the initial edge design ensured razor sharpness and durability. The idea, however, behind projectile point blade edge razor sharpness and durability is not to improve its cutting tool efficiency. But instead, it is to minimize frictional drag upon penetration while concurrently reducing the likelihood of blade failure. Ideally, resharpening of a projectile point, when needed, would be to the tip not the blade edges, because this would extend its use life. When a projectile point's blade edges fail, there is simply less of the blade available to be resharpened or remodeled.

A comparison of individual bifacial point tools makes even clearer the functional design characteristics. For this purpose, the microwear evidence is used to group the 32 tools into three, first-use functional categories—knife points, projectile points, and initial use as either a projectile or knife point (projectile↔knife); these distinctions have already appeared in the average edge angle trends. The category of initial use as either a projectile or knife point is meaningful as a measure of recycling (see especially the effect of extensive but differential resharpening of the left edge [see Figure 22-70]) and continuous functional variation among projectile points. Not all tools share the same use histories, even within a single functional category, but in most cases can be similarly measured, weighed, and counted. The tools also are not in mint condition. The vast majority are spent discards or not further repaired because they were lost or cached; and only one specimen—the heat-fractured parallel-sided lanceolate—appears not to have been used. So the trends are affected as much by use life as they are by the maker's intent. Placing emphasis on first as opposed to continuous or final use has the advantage of highlighting the intended form and when it ceased to be effective.

The Wilson-Leonard Paleoindian complex is reasonably well stratified and dated by radiocarbon. But not all points of each type are from exactly the same context or depositional unit. For this reason, I have arbitrarily divided the Paleoindian and Early Archaic into six relative time units (or periods). Each unit is identified more-or-less with one or more point type. The first two time periods, units 1 and 2, are represented by but a single point each and, admittedly, do not provide conclusive information about changes in engineering design. Unit 1 is the Leanne soil, and is represented by the unusual thin, notched point (see Figure 22-47a) that is now regarded as part of the Wilson component. It is sufficiently different in design from the other Wilson component specimens as to warrant, in my opinion, being separated from it—if only for purposes of this discussion. Unit 2 is represented by the lanceolate point (see Figure 22-47b) from the Bone Bed, and is the earliest of the projectile point designs considered. Unit 3 (the Wilson component), unit 4 (the Golondrina-Barber component), unit 5 (the parallel-sided lanceolate and St. Mary's Hall component), and unit 6 (the Angostura and Thrall component) form the core of the analysis. The overall time span is from about 11,200 to 8800 B.P. Each time unit is not of equal length, nor does each square exactly with the stratigraphic placement of the point types. (In the case of unit 6, for instance, the Thrall and Angostura points do not co-occur in the same distinct stratum but do represent the Early Archaic, nevertheless.) They do provide a way, however preliminary, to compare changes over time in tool technology.

Average blade edge angles (Figure 22-72) express a refinement of the information previously summarized. Knife points, other than the one Wilson point (unit 3) that had the most widely variable edge angles (60° and 100°), range from

FIGURE 22-70. Average measurements for microwear groups (see Figure 22-9).

about 50° to 60° in average edge angle for the mainly discarded specimens from units 1 through 5. The overall trend is less steep than the edge angles of projectile points.

It undoubtedly would have pleased Spaulding that simple measures of mass have proved to be excellent predictors of tool function. As expressed by average weight, there is a clean separation between the generally heavier knife points and the projectile points (Figure 22-73). The knife points over time show a nearly linear reduction in average weight until they are actually smaller, in unit 6, than the (Thrall) projectile points.

The projectile points, however, are quite variable and do not exhibit a corresponding smooth change in mass. Instead, the heavily recycled forms prior to unit 6 would seem to represent alternative production strategies in blade and haft proportions (Figure 22-74) rather than one logically leading to the next.

Knife point blade and haft proportions (Figure 22-75) underscore systemic changes most notable following the Wilson component (unit 3). In a functional if not social sense, Golondrina-Barber, parallel-sided lanceolate, and Angostura are related. They show knife point usage increased as blade and haft proportions became more similar. Effective use life increased from Golondrina-Barber to parallel-sided lanceolate to, finally, Angostura while at the same time average mass decreased. Thus, a progressively more efficient use of tool stone occurred. The extension of use life was accomplished by design changes. Principal among them are: (1) a blunted tip that better withstood bending breaks to the blade, (2) alternate unifacial resharpening of the blade that conserved tool stone and concurrently encouraged equal usage of blade edges, (3) serrations that increased the total edge per unit of blade edge length, (4) a symmetrical but convex, converging-to-the-tip blade form that could be resharpened until it

FIGURE 22-71. Average edge angles for microwear groups.

became approximately the shape of an isosceles triangle, thereby extending use life, (5) a narrow, parallel-sided longitudinal section that reduced blade element frictional drag, and (6) enhanced overall handling stability as the haft element became about one-third the length of the blade and whose juncture with the blade element expressed the maximum width of the knife point.

In comparison, the earlier Wilson points primarily began and were intended to be projectiles; only one exhibits initial use as a knife. The projectile points were mostly recycled as knives but have much steeper edge angles than the typical knife point. The recycled blade of the Wilson point has many of the design elements of a successful knife. Its serrations and alternate unifacial resharpening are all appropriate measures to conserve tool stone and concurrently increase efficiency of the cutting edge, the triangular form being the successful end product of extended blade

use life as it was resharpened. The major limitation of the blade element is its longitudinal section would have increased frictional drag, rather than reducing it. As knives go, the Wilson point, with its exceptionally large blade relative to haft element length, must have been satisfactory if not exceptional. It also illustrates design features not further developed until much later. Thus, the recycling seems quite innovative. As a projectile point, however, it seems to have been less than satisfactory. It was prone to blade and tip breakage on impact. And, when retrieved, it was more likely to be recycled as a knife or other tool form than to be reused as a projectile point.

The starkly disparate trends in knife and projectile point mass and blade and haft proportions after the unit 3 Wilson component merit further comment. It seems odd to the extreme that the same groups of people repeatedly chose alternative tool designs. It must relate to the underlying

FIGURE 22-72. Trends in average blade edge angles for Paleoindian points.

FIGURE 22-73. Trends in average weight (0.01 g) for Paleoindian points.

structure of the groups, to how tools were used over time, to the availability of tool stone, or to some combination of all these and perhaps to other even less well understood factors. Although speculative, it seems likely that gender differences may be represented in the tool use trends. If this were the case, then the knives were more likely women's tools consistently used in a singular task or group of related

FIGURE 22-74. Trends in average proportional ratios for Paleoindian projectile points.

FIGURE 22-75. Trends in average proportional ratios for Paleoindian knife points.

tasks; the dual continuity in users and tasks led to greater tool efficiency and conservation of tool stone. The projectile points were likely to have been men's tools, or weaponry. The microwear demonstrates they would have been used in an ad hoc fashion as a knife following a kill. The projectile points are all similar in this respect. They differ only in their relative ability to be maintained as a projectile

point. Paradoxically, the Thrall point, the largest of the projectile points, best exemplifies tool stone conservation. Its blade and haft proportions could be maintained more easily and consistently for reuse as a projectile point, whereas none of the earlier ones could. Changes in projectile point form ultimately led to a greater tool efficiency but did so in a vastly different manner to that of the knife points.

Postscript

In spite of my best intentions, we are left with an imperfect reconstruction that only crudely approximates some qualities of chipped stone tool design. Others have offered ideas that deserve serious consideration. I would like to mention a few here.

Dale B. Hudler notes that part of the engineering design process for a projectile point would be to evaluate the striking power of the weapon and its delivery system. Considerations of mass and velocity versus penetration, the type of prey, its body size, and behavior all would have been factored into the design of specific weapon systems used by prehistoric hunter-gatherers. However difficult these may be to reconstruct or to accurately measure, they must have been of paramount concern in weapon design.

How a projectile point was actually used as part of a specific weapon delivery system is addressed in Chapter 13. I wish to offer a synopsis of his opinions as they apply to the Thrall projectile point and my reactions to them. His concern is that there is perhaps more than a dichotomy in delivery systems for various projectile point types; that is, between arrows and darts propelled mechanically and spears propelled manually. To this, Collins notes lances are thrust and never propelled. The Thrall point might satisfy the criterion of a lance point, because its broad tip would have been most efficiently employed by thrusting between the rib cage of a prey species, such as bison, rather than propelled. He notes the odds of success in penetrating the rib cage would be significantly greater were it used as a lance tip.

In my opinion, what is most typical of projectile points is that they regularly failed, or were damaged, on impact. Although the St. Mary's Hall is perhaps the most dramatic example, one could make a similar observation for Thrall. The difference between Thrall and the rest is that it appears to have been deliberately designed to be reused as a projectile point after optional maintenance was carried out to retip the point. The others mostly were recycled as knives. What differentiates Thrall in this analysis is its maintainability, or relatively long use life. If it were used as a lance head, it apparently was damaged in spite of any greater control that thrusting might have conferred.

Breaching the rib cage of a large animal by propelling a spear is also perhaps not quite the insurmountable task one might imagine. After some practice, George C. Frison (1986, 1989) had success with hand-propelled and atlatl assisted delivery of Clovis replicate projectile points in deeply pen-

etrating the rib cage of already mortally wounded African elephants, in a manner that would have imparted a lethal wound. The atlatl was significant in improving both the range and the penetrating power of the spear. The microwear on these replicate points (see Kay 1996) did not allow for separation of hand or atlatl propelled points, however. And I am unsure that thrusting spears, or lances, would impart distinctive microwear signatures.

There are obvious limitations to any analysis, and this one is no exception. Without further experimentation with replicate weapons systems, we simply cannot know if there is a distinctive lance head microwear. Another area of contention is the identification of gender differences in tool usage, especially of the knife and projectile points. Most hunter-gatherers do have gender as well as age-based divisions in labor, or may employ gender-specific tools. We can never know how appropriate ethnohistoric, ethnographic, and ethnoarcheological studies of hunter-gatherers are for late glacial and early postglacial cultures in the Americas. Yet, we should not give them short shrift, either. The task of archeology is to first identify significant cultural patterning in time and space and then to develop models that attempt to account for variation in the material record. Gender differences may or may not be the best and simplest explanation of the variability seen in tool function trends at Wilson-Leonard, but without voicing the possibility, we shall never develop the appropriate test to find out.

CLEARFORK TOOL FUNCTION: AN APPROACH CENTERED ON USE-WEAR

by Dale B. Hudler

Background

Several low-magnification use-wear studies of Clear Fork tools were made in the early 1970s. Hester et al. (1973:92) have noted that the characteristic wear on the bit edges of Clear Fork tools is step-flaking and suggested that they were "used in the manner of end scrapers, to dress and smooth wood surfaces." Chandler (1974:18) states:

The most characteristic use wear indicators are distinctive smoothing of the flaked faces and lateral edges with a high percentage of edge nibbling on the bit and lateral edges. The location and direction of striations on the bit edges, supported by limited personal experiments, indicate these tools were probably used in a pushing fashion (i.e., planer gouge) on a hard, unyielding surface, probably wood.

Howard (1973:58) studied the use-wear on 25 Clear Fork tools (both bifacial and unifacial specimens) and concludes:

The study strongly suggests that the Clear Fork gouge was the cutting "bit" of an efficient wood-working tool. The experiments demonstrated that

the tool was most probably a shaving or planing device. Because of its demonstrated efficiency it was probably used for numerous wood working tasks.

The current study was designed to build on, rather than replicate, these earlier studies. Therefore it focuses on the high-magnification use-wear methods that have come into use since the studies listed above were accomplished. A further reason to re-examine Clear Fork tool function is the questionable status of Clear Fork as a meaningful group. Since the type was defined (Ray 1938:198), these tools have been found to be widespread geographically and to have been in existence for a long period of time (Black and McGraw 1985:139). Additionally, they have a broad range of overlapping morphologies, and some researchers have abandoned Clear Fork as a type (Hall et al. 1982:318-348). These factors suggest that Clear Fork tools might be morphologically similar but with differing functions at different points in time rather than being single-function woodworking tools.

Study Population

Fifty-eight Clear Fork tools from the Wilson-Leonard site were examined in this study (Table 22-8). This group includes all of the lithic artifacts identified as Clear Fork tools (and the subset Brushy Creek bifaces) that were available at the time of the study. Of these, 47 are bifacial, and 11 are unifacial tools. Also included are 9 replica tools used in an experimental use-wear program (8 bifacial and 1 unifacial).

Methods

Artifact Preparation

The archeological specimens were not cleaned in conjunction with this study. However, most had been cleaned prior to being made available for the study—the TARL-excavated items with water and brush. The experimental tools were cleaned for 10 minutes in an ultrasonic cleaner after use. It should be noted that Keeley cleans both his experimental and his archeological specimens with a mild solution of hydrochloric acid to remove mineral deposits and, if required, with a mild solution of potassium hydroxide to remove organic material (Donahue 1993:164). According to Kimball et al. (1995:7), not cleaning tools via the Keeley method produces erratic results when doing high-magnification polish analysis. However, such cleaning can remove residues and can accelerate patination (Donahue 1993:146). Linear features that appear to be in polish can be removed by acid cleaning (Figure 22-76). This suggests that the linear features are not in the polish but in residues overlying or mixed with the polish. Since it appears that acid cleaning not only destroys residues but can also erase motion indicators as well, a decision was made not to acid clean any tools for

this study. One exception was made which is discussed in the high-magnification results section of this paper.

Use-wear Observations

As a first step, the study population was examined “with the naked eye” to provide a general picture of the large-scale use-wear patterns present. The tools were then examined at 20X magnification (using a Bausch & Lomb Stereozoom 7 microscope) for edge-damage flaking, edge rounding, striations, and polish (location, extent, and brightness). Edge-damage flake termination shapes were recorded as nominal data (step, hinge, feather), striations were recorded as present/absent, and edge rounding and polish brightness were recorded in ordinal categories. Polish extension was measured to the nearest millimeter. The information collected from these “macro” and low-magnification observations was used to design the experimental use-wear program.

The primary purpose of the experimental program was to confirm that the wear patterns observed at low magnification on the archeological tools was consistent with woodworking and to develop polish on the replicas that could be examined at high-magnification (200X+) for comparison with observations of the archeological tools. An Olympus BH-2 compound microscope with incident lighting was used to make these observations (at 200X and 400X). The high-magnification observations focused on searching for additional striations and examining the polish characteristics to see if contact material inferences could be made. Polish characteristics were recorded for the following categories: polish reflectivity, surface texture, surface features, and degree of linkage.

Archeological Tool Observations at No/Low Magnification

Macrowear

The most noticeable macrowear in the study group as a whole is snap fractures at the break of partial tool sections. Nineteen of the 80 tools in the collection are partial tools with snap fractures (24%). Nine of the partial tools are distal ends, and the bits of these were examined for use-wear. Four (24R2-3, 35U1C-2, 37T1D-3, and 15AA2-2) have use-wear, indicating that the tools were broken after some use and possibly during use. The fifth (38Y-25) has a very sharp bit with no apparent wear, suggesting that it was broken in the last stages of manufacture/hafting or in the late stages of resharpening. The sixth (20W-2) has a very large flake removed from the bit by a blow to the ventral side of the tool (perhaps a failed attempt at resharpening). Not enough is left of the original bit edge to judge whether it has been used or not. The other three (13L-4, 20P-4, and 743-1) have no visible use-wear. One of these (743-1) appears to be a manufacturing failure. The snap fractures on tools with

TABLE 22-8
Inventory of Clear Fork Tools Examined for Microwear

Item	Unit	Square	Analysis Identification	Wear Type
10N-2	X/IIIa/b	E20/S86	Clear Fork uniface	None apparent
10S-3	X/II	E20/S86	Clear Fork biface	Domed linear
12L-9	IIIb	E20/S82	Clear Fork biface	Domed linear
12S-1	II	E20/S82	Clear Fork biface	Smooth
13L-4	IIIb	E20/S80	Clear Fork biface	None apparent
14W2-1	Id/II	E20/S78	Clear Fork biface	None apparent
15AA2-2	Isi-c	E20/S76	Clear Fork biface	Domed linear
15G-11	IIIc	E20/S76	Clear Fork biface	Domed linear
16G-7	IIIc	E20/S74	Clear Fork uniface	Fuzzy unpatterned
16R2-6	IIIa	E20/S74	Clear Fork biface	None apparent
16T1-5	II/IIIa	E20/S74	Clear Fork biface	None apparent
17R2-3	IIIa	E20/S72	Clear Fork biface	None apparent
17T1-3	II/IIIa	E20/S72	Clear Fork biface	None apparent
17T1-8	II/IIIa	E20/S72	Clear Fork biface	None apparent
18F-7	IIIc	E22/S90	Clear Fork uniface	None apparent
18J-10	Y/IIIc	E22/S90	Clear Fork biface	Domed nonlinear
19O-17	X	E22/S88	Clear Fork biface	None apparent
1F-1	Y/IIIc	E20/S100	Clear Fork biface	Smooth
20I-4	IIIb/c	E22/S86	Clear Fork uniface	Domed linear and smooth
20L-11	IIIb	E22/S86	Clear Fork biface	None apparent
20P-4	X/II/IIIa	E22/S86	Clear Fork biface	None apparent
20R-10	X/II	E22/S86	Clear Fork biface, proximal	None apparent
20S-1	X/II	E22/S86	Clear Fork biface	None apparent
20W-2	X	E22/S86	Brushy Creek biface	None apparent
21L-38	IIIb	E22/S84	Clear Fork uniface	Domed nonlinear
22P-4	II/IIIa	E22/S82	Clear Fork biface	None apparent
22Q-2	II	E22/S82	Clear Fork biface	None apparent
22Q-3	II	E22/S82	Clear Fork biface	None apparent
24R2-3	II/IIIa	E22/S78	Clear Fork biface	None apparent
25BB2D-1	Isi-c	E22/S76	Clear Fork biface	Fuzzy
25Q2-1	IIIa	E22/S76	Clear Fork biface	Domed linear
29U1C-12	II	E24/S76	Brushy Creek biface	None apparent
30Q2-1	IIIa	E24/S74	Clear Fork biface	None apparent
30T1C-3	II/IIIa	E24/S74	Clear Fork biface	Domed nonlinear
31R1-2	IIIa	E24/S72	Clear Fork biface, proximal	None apparent
33Q2-5	IIIa	E26/S76	Clear Fork biface	None apparent
33R2-9	IIIa	E26/S76	Clear Fork biface	None apparent
34Q2-6	IIIa	E26/S74	Clear Fork biface	None apparent
34X2A-1	II	E26/S74	Brushy Creek biface	Smooth
35U1C-2	II	E26/S72	Brushy Creek biface	Domed linear
36O-11	IIIa	E40/S70	Clear Fork biface	None apparent
36P-7	IIIa	E40/S70	Clear Fork biface	Domed linear
37GB-9	IIIc	E28/S78	Brushy Creek biface	None apparent
37T1D-3	II	E28/S78	Clear Fork biface	None apparent
38Y-25	Isi-c/Id/II	E18/S74	Clear Fork biface	None apparent

Table 22-8, *continued*

Item	Unit	Square	Analysis Identification	Wear Type
39FF-2	Isi/Icl	E18/S76	Clear Fork biface	Smooth fuzzy
3D-7	IIIc	E20/S98	Clear Fork uniface	None apparent
51AA1D-3	I	E2/N8	Clear Fork biface	Domed nonlinear
51WB-3	II/III	E2/N8	Brushy Creek biface	Fuzzy unpatterned
593-3	IIIa/b	38	Clear Fork uniface	None apparent
5B-8	IIIc (pot)	E20/S96	Clear Fork uniface	None apparent
743-1	IIIa	32	Clear Fork biface	None apparent
7F-2	IIIc (pot)	E20/S92	Clear Fork uniface	None apparent
7J-5	Y/IIIc	E20/S92	Clear Fork biface	Domed linear
7N-3	X/Y	E20/S92	Perforator Group 6	Smooth
9J-7	Y/IIIb/c	E20/S88	Clear Fork uniface	Domed nonlinear
9L-2	X/Y/IIIb	E20/S88	Clear Fork uniface	Domed nonlinear and smooth
9M-2	X/IIIb	E20/S88	Clear Fork uniface	None apparent

FIGURE 22-76. Flake tool at 200X. (a) prior to acid cleaning; (b) after acid cleaning.

use-wear suggest that they were broken while involved in a task that caused end shock or strong bending forces. Either cause suggests a hard contact material. The possibility exists that the snap fractures occurred while the tools were being “knocked” from the haft, but none of these bits looks exhausted nor is enough known about the hafting of these tools to know if such an operation was necessary.

Low-Magnification Use-wear

The predominant edge-damage pattern on the tools in the study population is edge-damage flaking with step terminations on the dorsal bit face (Table 22-9). This pattern occurs on 34 of the 58 tools examined. In contrast, only 9 tools have edge-damage flakes with hinge terminations on the dorsal bit face (and 5 of these occur in conjunction with flakes that have step terminations), and no tools have edge-damage flakes with feather terminations.

Ten of the tools in the study population have edge-damage flaking with step terminations, 8 have edge-damage

TABLE 22-9

Edge-damage Flaking Termination Type by Tool Bit Face

	Dorsal	Ventral
Step	34	10
Hinge	9	8
Feather	0	1

flaking with hinge terminations, and only 1 tool has edge-damage flaking with feather terminations on the ventral bit face. Most of the flaking on the ventral bit face occurs in conjunction with edge-damage flaking on the dorsal bit face. This pattern supports the suggestion that many of the tools in the study population were in contact with hard materials. Although the thick bit edge probably encourages flakes with step terminations (as noted by Hurcombe 1992:11), it also probably is true that more force is required to detach any flake from the thick bit edges of these tools than from tools with a thin bit edge.

Edge rounding was noted on seven tools, six being judged as having slight rounding and one as having

moderate rounding. No striations were noted, but one tool has linear polish patterns perpendicular to the bit, and one has linear polish patterns at a slight angle to perpendicular (both on the ventral tool face). Polish was noted primarily on the ventral bit faces, with four tools having polish extending approximately 10 mm back on the bit face, two extending approximately 20 mm, and one extending 45 mm.

Interpretation of Use-wear Visible at No/Low Magnification

TOOL MOTION

None of the 58 tools has striations, but 2 have linear polish features perpendicular to the bit edge visible at 20X. An additional 7 have linear polish features approximately perpendicular to the bit edge visible at 200X. These observations indicate a tool motion perpendicular to the bit edge (such as shaving, planing, adzing, etc.) as suggested by Hester et al. (1973:95).

TOOL POSITION RELATIVE TO THE CONTACT MATERIAL

All of the above-mentioned motion indicators are on the ventral bit face, suggesting that it was the face in primary contact with the worked material. Additionally, polish developed almost exclusively on the ventral bit face, again suggesting that this face was in primary contact with the worked material, although bit morphology may also contribute. The exception is polish on the high flake ridges of the dorsal face on some tools. The extension of polish on the ventral bit face is varied, and seems to correlate more with the morphology of the ventral tool face than anything else. The polish seems to occur on the part of the face that is aligned with the bit face and stops at the point where the tool face turns/becomes unaligned, perhaps due to flake ridges or a curved shape. This suggests a tool positioned at an angle to the contact material such that the ventral face and contact material form an acute angle, such as a plane, chisel, or adze.

CONTACT MATERIAL HARDNESS

As noted in the macrowear section, the occurrence of tools with snap fractures and the predominance of edge-damage flaking with step terminations all suggest a hard contact material. The distance of polish extension on the tool face does not appear to be an indicator of contact material hardness on these tools, as the polished side appears to have been at an acute angle to the contact material. The fact that polish extension ends in most cases at the point where the polished face becomes unaligned with the bit face, however, suggests contact with a hard, inflexible surface. Addi-

tionally, the presence of noticeable edge attrition on seven of the tools suggests a hard contact material.

FORCE OF TOOL MOTION

While this study did not include looking for haft damage, the presence of what is almost certainly a formal haft element and the evidence for use on hard contact materials suggests that the tools were hafted in some manner in order to generate the force necessary to work the material. The flaking pattern on the bits does not suggest heavy percussion. Only a few tools have the fish-scale-shaped flakes usually associated with percussion tools, and these flakes are not large.

LOW-MAGNIFICATION USE-WEAR SUMMARY

The use-wear seen on the study population supports the previously cited use-wear studies, suggesting a tool that was used in a planing/adzing motion on a hard contact material such as wood. However, in the design of the use-wear program, it seemed prudent to include some experimental tool use on softer materials that were known to be available to the prehistoric tool users and that could have been "worked" with a tool motion similar to that inferred for the Clear Fork tools. Additionally, the softer materials provide a "control" group for the tools used on harder materials.

Replica Program

Eight replica Clear Fork tools were hafted and used experimentally in this program. Most of these had very small flakes which terminated with step shapes on the dorsal bit edge. These apparently came from final edge retouch of the bit with a small antler billet. Contact materials used in the program consisted of wood, bone, hide, and soft vegetal material. Only a few wood types were included, as Vaughan (1985:33) has noted that wood type does not seem to affect use-wear polish characteristics but only the speed with which they develop. However, a wide variety of tasks was accomplished with the woodworking tools (chopping, adzing, chiseling, rounding, hollowing). The hide-working experiment followed procedures described by Schutz (1992:334), who reviewed 31 ethnographic accounts of bison hide working from 16 culture groups.

Woodworking Replicas

GG2(BIFACE)

This replica was hafted in a short straight haft and used as a chisel. The short haft provided the handhold and striking point for the hammer. The tool was used to chisel wood (live oak) for 15 minutes. The ventral side of the tool was

placed against the wood surface and thus was in greater contact than the dorsal side. When the bit of the replica was examined at low magnification (20X), edge-damage flaking was visible on the dorsal bit face. These flakes all had step-termination shapes. Polish was visible on the ventral bit edge and extended approximately 3 mm back on the bit face. This polish was not developed enough to have distinctive characteristics at high magnification.

GG4 (BIFACE)

This replica was hafted in an L-shaped haft and used as an adze. It was used to adze/hollow-out a piece of seasoned live oak for 30 minutes. The ventral side of the tool was in primary contact with the wood. When this tool was examined at low magnification, there were edge-damage flake scars with step-termination shapes on the dorsal bit face and one large flake scar with a hinge-termination shape on the ventral bit face. There was some slight edge rounding of the bit edge in a few areas and moderately bright polish was evident on the ventral bit face. This polish extended 4 to 5 mm back on the bit face. When examined at high magnification, the polish did not show distinctive characteristics.

GG7 (BIFACE)

This replica was hafted in an L-shaped haft and used as an ax. Although hafted like an adze, the tool was used to chop into wood (live oak) at a steep contact angle (although the strike direction was not quite as vertical to the wood as when using an ax). The tool was used for 45 minutes with the ventral side in greater contact than the dorsal (due to the haft direction/swing plane). When examined at low magnification, edge-damage flaking with step-termination shapes could be seen on both the dorsal and ventral bit face. In addition, several fish-scale-shaped flakes were evident on the ventral bit face. Bright polish was visible extending back 4-5 mm on to the ventral bit face. When examined at high magnification (200X), this polish had a domed morphology arranged in a linear pattern in some spots (Figure 22-77).

FIGURE 22-77. Polish in two different spots on replica tool GG7 (200X).

Soft Plant Processing Replica

The biface used in soft plant processing (GH1) was hafted in an L-shaped haft and was used to decorticate prickly pear pads for 15 minutes. At low magnification (20X), a few edge-damage flakes with step-termination shapes were visible on the dorsal bit face. There was some light rounding of the bit edge, and bright polish extended 5 mm back on high spots on the ventral bit face. At high magnification, this polish exhibited a vaguely domed surface morphology, but the domes were not very structured. The polish (Figure 22-78) was more invasive than that produced by woodworking, and the margins between the polished areas and the unaltered areas were less distinct.

FIGURE 22-78. Polish from soft plant processing on replica tool GH1 (200X).

Hide-working Replicas

GG9 (BIFACE)

This tool was mounted in an L-shaped haft and used for 30 minutes to deflesh a stretched deer hide and then to dehair the other side for 15 minutes. The ventral side was in primary contact with the hide. No edge-damage flaking was evident at low magnification (20X), but there was moderate edge

rounding on the corners of the bit. The high ridges of corners also exhibited bright polish that had unclear or fuzzy boundaries between the polished and unpolished tool areas and little structure to the surface morphology when viewed at high magnification (Figure 22-79).

FIGURE 22-79. Polish from hide working on replica tool GG9 (200X).

HH1 (BIFACE)

This tool was made large enough to be handheld and was used to grain stretched deer hide for 20 minutes. As in the case of the other hide-working tool, no edge-damage flaking was evident at low magnification. Very bright polish extended back 12 to 15 mm on the ventral face in linear patterns. The polish was similar to that on the other hide-working replica as it had fuzzy edges and lacked structure when viewed at high magnification.

Bone-working Replicas

GG1 (UNIFACE)

This tool was mounted in a straight haft and was used to scrape fat and cartilage from a fresh cow bone for 15 minutes. When the bit was examined at low magnification, there was no edge-damage flaking or rounding, but there was noticeable edge attrition. There were only a few spots that had polish on the ventral bit face and this polish lacked distinctive characteristics at high magnification (Figure 22-80).

GG2 (BIFACE)

This tool was mounted in an L-shaped haft and was used to chop/break bone. In fact, the bone proved to be much harder than seasoned oak and the bit began attriting rapidly from large flakes being driven off the bit edge. The tool was only used for four minutes to avoid losing the polish through bit attrition. This tool was relatively wide and thin for a Clear Fork, and probably one of the narrow, thick tools would have done a better job. When examined at

FIGURE 22-80. Bone polish just beginning to develop on replica GG1 (200X).

low magnification, there was noticeable edge crushing and edge-damage flaking with both hinge and feather termination shapes on the dorsal and ventral bit face. Moderately bright polish could be seen extending 4 mm back on the ventral bit face, however it was not developed enough to have a distinctive surface morphology.

Summary of Replica Use-wear Analysis

Overall edge-damage flaking generally followed expectations (Table 22-10). Flakes with step-terminations occurred on the dorsal bit edge of most of the woodworking replicas, and the replicas used at steeper contact angles to chop wood and bone had scalar-shaped flakes driven from the bit edge by percussion. The replica used to decorticate prickly pear pads had less edge-damage (a few flakes with step-termination shapes removed from the ventral bit face), and the tools used on hide had no edge-damage flaking. Bit edge rounding was not common on the replicas, as edge-damage flaking continually took off small parts of the edge. One of the hide-working replicas (GG9) did develop moderate edge rounding on both corners of the bit. The replica used to chop bone (GG2) had some edge crushing.

None of the replicas had striations, however linear polish "streaks" that could be seen at low magnification occurred on two tools. All of these linear indicators were perpendicular to the bit and occurred on the ventral side of the bit (which was the side of the tool in primary contact with the worked material).

Polish that could be seen at low magnification developed on all nine of the replicas, and it ranged from moderately bright to very bright. Polish extension was 3 to 5 mm on the primary contact face of the replica for all contact materials except hide, where it extended 15 mm.

The polish/residue on four of the replicas had distinctive surface morphologies when observed at high magnification (200X). One of the woodworking replicas (GG7) had polish/residue that matched descriptions in Vaughan (1985:33) of domed polish. The domes seemed to have

TABLE 22-10
Replica Tool Use-wear Summary

Tool No.	Contact Material	Edge Flaking	Edge Rounding	Motion Indicators	Polish Characteristics
GG2	wood	step	none	none	not developed
GG4	wood	step/hinge	slight	none	not developed
GG7	wood	step/cone	none	none	domed
GG8	wood	none	none	perpendicular	not developed
GH1	prickly pear	step	slight	none	vaguely domed
GG9	hide	none	moderate	none	fuzzy
HH1	hide	none	none	perpendicular	fuzzy
GG1	bone	none	attrition	none	not developed
GG2	bone	hinge/feather	crushing	none	not developed

structure to their patterning in that they were lined up in the direction of tool use in some cases (see Figure 22-77). The polish/residue on the replica used to decorticate prickly pear pads (GH1) was vaguely domed, but the polish/residue edges were less distinct (see Figure 22-78). The polish/residue on both of the replicas used to work hide had fuzzy margins (Kimball et al. 1995:16) and had little structure (see Figure 22-79). The polish/residue on the replica used to chop bone was not very well developed but did show distinct margins and faint linear patterns (see Figure 22-80).

Archeological Tool Use-wear Observations at High Magnification

Twenty-nine archeological tools from the Wilson-Leonard site (49% of the total study population) were selected for high-magnification use-wear study based on the amount of wear and polish visible on the bit at low magnification. Twenty-three are bifaces, and 6 are unifaces. The particular focus of the high-magnification effort was to determine if polish characteristics are visible that support inferences on contact materials. All of the tools were scanned at high magnification, and five polish types—domed, smooth, smooth with fuzzy boundaries, unpatterned with fuzzy boundaries, and generic/not well developed—were defined based on the observations.

Domed polish has a surface morphology apparently made up of small domes that gradually link together and distinct margins between the polished and unaltered surfaces. The domed polish has two variations: domes that formed in linear patterns generally aligned with each other (domed linear), and domed with no linear patterns (domed nonlinear). Smooth polish has a flat surface morphology, frequently with long, narrow linear features. Smooth polish with fuzzy margins has a smooth to gently rolling surface morphology with fuzzy or unclear margins between the polished and unaltered surfaces. Unpatterned polish with fuzzy margins has a definite structure to the surface morphology, but it is variable and has fuzzy or unclear margins between the polished and unaltered surfaces. The generic/not well-developed category includes polishes that are not com-

pletely developed (like Vaughan's [1985:27] description of smooth-pitted, for example) or possibly polishes that were generated by soil movement (Vaughan's [1985:30] soil sheen).

The presence of four different polishes that have distinct characteristics suggests four different formation processes and perhaps four different contact materials. Thus, the high magnification study group was broken into four categories for the purpose of making tool function/contact material inferences. The use-wear types evident on 22 of the 29 Clear Fork tools examined under high magnification are shown in Table 22-11 by polish group.

Domed Polish

Fifteen tools were judged to have domed linear or domed nonlinear polish. Both of these polish types closely resemble the polish developed on a replica tool used to work wood (see Figure 22-77). Domed polish also appears to be common on Clear Fork tools from many other sites in Texas. Selected polish images from the replica program, Clear Fork tools from the Wilson-Leonard site, and Clear Fork tools from some other sites in Texas provide an illustration of the varying stages of domed polish development, from just developed to so developed that it is barely identifiable (Figure 22-81). Nine tools from Wilson-Leonard have the domed linear variant: 7J-5, 10S-3, 12L-9, 15AA2-2, 15G-11, 20I-4, 25Q2-1, 35U1C-2, and 36P-7. All are bifaces except 20I-4. One of these tools is a distal end with a snap fracture (15AA2-2) and one has a very worn bit (25Q2-1). Seven have edge-damage flaking, with three tools having flakes with step-termination shapes, three having flakes with both step and hinge termination shapes, and one having flakes with hinge termination shapes. Two have slight edge rounding (15G-11 and 35U1C-2). All have linear motion indicators perpendicular to their bits. One (7J-5) is unique in that the wear patterns are reversed from those of the other tools. The heavy polish is on the dorsal face of the bit rather than the ventral face, and the edge-damage flaking with step-termination shapes is on the ventral bit face rather than the dorsal face, suggesting that this tool was hafted in the opposite direction from the others. The unifacial tool (20I-4) has both domed linear and

TABLE 22-11
Frequency of Use-wear Types by Polish Groups

	Tools	Bit Flaking			Bit Rounding		Bit Very Worn	Striae Angle to Bit			Tool Broken
		Step	Hinge	Step/hinge	Slight	Moderate		90°	30°	Parallel & 90°	
Domed linear	9	3	1	3	2		1	9			1
Domed non-linear	6	3	1		1	1	1				
Smooth	4	1	1	1			1		2		
Smooth fuzzy	1			1						1	
Unpatterned fuzzy	2	2							1

FIGURE 22-81. Domed polish development at 200X. (a) replica GG7; (b) Clear Fork specimen (198) from the River Spur site (41VT112); (c) replica GG7; (d) Clear Fork specimen (3790) from the Morhiss site (41VT1); (e) Clear Fork specimen (269) from the River Spur site; (f) Clear Fork specimen (12L-9) from the Wilson-Leonard site.

smooth polish spots on it, suggesting either more than one type of contact material or that the two polish types are related to the same contact material. These tools range in age from Late Paleoindian to Late/Middle Archaic.

Six tools have the domed polish variant that has no linear patterns: 9J-7, 9L-2, 18J-10, 21L-38, 30T1C-3, and 51AA1D-3. Three are bifaces and three are unifaces. One (30T1C-3) has a very worn bit. Four have edge-damage flaking, with three having flakes with step-termination shapes and one having flakes with hinge termination shapes. One of the tools (30T1C-3) has slight edge rounding and one (9J-7) has moderate edge rounding. None has linear motion indicators. One unifacial tool (9L-2) has both domed and smooth polish spots. Note the similarity in edge-damage flaking and rounding patterns in Table 22-11 between the domed and domed linear polish variants. The similarities in wear patterns and polish morphology suggest that these polishes are from the same contact material, but the domed polish is missing the linear alignment because it formed in an area of the tool that was receiving less abrasion from the worked material. Note also that the wear patterns that occur with the domed linear and domed nonlinear polish variants are very close to those of the woodworking replicas. The lack of cone-shaped percussion flakes (which occurred on the replicas used to chop wood) on the archeological tools suggests that they were not used as chopping tools. The tools range in age from Paleoindian to Late/Middle Archaic.

Smooth Polish

The smooth polish appears to be a mixture of polish and a large amount of residue from the contact material. The polish appears to be additive and has a lot of linear indicators or grooves imbedded in it (Figure 22-82a). Although the polish appears very different from the domed variants, the apparent residue overlying/mixed with it raised the concern that it might be domed polish with residue obscuring it. To determine whether this was the case, a Clear Fork tool that had smooth polish and was from poor context at another site in Texas (41UV2) was cleaned with a 10% solution of hydrochloric acid for 10 minutes to remove the residues. The polish that remained had clear margins but did not have the same surface morphology as the domed polish (Figure 22-82b). None of the polish on the replicas matched this polish.

Four tools from the Wilson-Leonard site have smooth polish/residue with linear features: 1F-1, 7N-3, 12S-1, and 34X2A-1. All are bifaces and one (7N-3) has a perforator rather than a haft element opposite the bit. The polish on the latter specimen was on the perforator and not the bit (which did not have well developed polish) so this tool is treated separately later in this section. One (1F-1) of the three tools with polish on the bit has large flakes removed from the bit and looks to have been used on a very hard contact material. A second (12S-1) has large flakes, either from use-wear or some other cause, removed from the ventral bit face. All

FIGURE 22-82. Smooth polish at 200X. (a) Specimen 1F-1; (b) smooth polish after acid cleaning on a Clear Fork specimen from 41UV2.

three have edge-damage flaking, with one having flakes with step-termination shapes, one having flakes with both step- and hinge-termination shapes, and one having flakes with hinge-termination shapes. None of the tools has edge rounding. Two have linear motion indicators running at 30° angles to the long axis of the tools. The edge-damage patterns on these tools suggest that the contact material was at least as hard and probably harder than that which caused the domed linear and domed nonlinear polishes (judged to probably be wood). The contact material left a lot of residue on the tools, so a hard animal product such as bone or antler is a good candidate. The tools range in age from Late Paleoindian to Archaic undifferentiated.

The perforator (7N-3) has small edge-damage flakes with step-terminations on its lateral edges. A spot of polish on the tip has linear features perpendicular to the long axis of the tool. Another spot near the tip has linear features at 45° angles to the long axis. Thus this tool appears to have been used to perforate the same kind of material as the three Clear Fork tools in this group were used to work.

Smooth Fuzzy Polish

One tool (39FF-2) has smooth fuzzy polish. From Paleoindian context, this specimen is a bifacial distal section

with a snap fracture. The bit has edge-damage flaking with both step- and hinge-termination shapes. There are small, thin polish streaks that run both parallel and generally perpendicular to the bit edge, visible at 20X on the ventral bit face. A large thin flake has been detached from the ventral bit face after the polish streaks were deposited. This tool has a unique wear pattern and does not resemble any of the replica tools. The fuzzy polish margins (Figure 22-83) suggest an invasive contact material (one that is flexible/yielding enough to wrap around the surface topography).

FIGURE 22-83. Smooth fuzzy polish on Specimen 39FF-2 (200X).

Unpatterned Polish with Fuzzy Margins

Two tools have this type polish: 16G-7 and 51WB-3. They differ greatly in morphology, although they have the same general wear pattern and polish (both have small edge-damage flakes with step-termination shapes). Specimen 16G-7 is a thin, unifacial tool that appears to have had flakes intentionally removed from the ventral bit face to create a serrated edge. Morphologically, the tool matches descriptions by Schutz (1992:334) of hide defleshers that were mounted on L-shaped hafts and kept very sharp to deflesh bison hides. The fuzzy polish margins (Figure 22-84) suggest a soft or flexible contact material, so this interpretation would fit well with the morphological and ethnographic evidence.

Specimen 51WB-3 is a Brushy Creek biface that appears to have had the bit reshaped by the removal of large flakes (with feather terminations) from the ventral bit face. There are several linear polish features on the ventral face that run at 30° angles to the long axis of the tool.

Interpretation of Use-wear Visible at High Magnification

GENERAL FUNCTION

Both bifacial and unifacial Clear Fork tools have been found at the Loma Sandia site (41LK28) in probable Middle Archaic burials. Taylor (1995:404) notes the utilitarian nature of the mortuary inclusions at this site and suggests that they are both the deceased's personal gear and items con-

FIGURE 22-84. Unpatterned polish with fuzzy margins on Specimen 16G-7 (200X).

tributed by mourners. It is interesting to note that Clear Fork tools are probably associated with both male and female burials, raising the possibility that both genders accomplished tasks requiring Clear Fork tools. Binford (1979:261) has categorized hunter-gatherer gear based on Nunamuit examples, and it appears from the Loma Sandia context that Clear Fork tools would fall in his "personal gear" category (kept in anticipation of future activities). Keeley (1982:789-799) and Shott (1986:39) feel that evidence of hafting indicates a curated tool, and the Clear Forks were almost certainly hafted to apply the force required to work a hard material. Binford and Binford (1966:249) have also suggested that tools with working edges perpendicular to their longitudinal axis were used for tool manufacturing and maintenance (i.e., machine tools in modern terminology). Both of Binford's suggestions fit well with the groupings of items (which include Clear Fork tools) found in mortuary inclusions at the Loma Sandia site.

SPECIFIC FUNCTION

The 15 tools on which domed polish was observed appear to fit the "classic" definition of Clear Fork tools. Although tool morphology and manufacturing technology vary, with 11 being bifacial and 4 unifacial, the use-wear data suggest that they were used in a planing/adzing motion to manufacture and maintain wooden implements.

Seven tools from the Wilson-Leonard site appear to have been functionally different from the tools with domed polish. The four with smooth polish appear to have been used on a different contact material. From the edge-damage evidence, the material appears to have been harder than that resulting in domed polish (inferred to be wood) and left a lot of residue on the tools. A hard animal product such as bone or antler appears to be a good candidate, and the tool motion appears to have been planing/adzing, but at an angle to the bit.

One tool has a unique wear pattern. Its edge-damage and snap fracture suggest a hard contact material, yet the polish is invasive and appears to from a soft/flexible material, suggesting more than one contact material. Its complex wear pattern seems to indicate a task requiring different tool motions or perhaps multiple uses.

Two tools with different morphologies and from different cultural contexts have unpatterned polish with fuzzy margins. Ethnographic evidence supports the inference that one was a hide deflesher, while the possible function of the other is unclear.

Summary

It appears from the evidence at the Wilson-Leonard site that, as expected, many Clear Fork tools were used to

manufacture and maintain wooden implements. However, one specimen categorized as a Clear Fork tool is a probable hide deflesher, and four others appear to have been used on hard materials other than wood, perhaps on bone or antler. An additional two tools appear to have been used on other (perhaps softer) contact materials in functions that are as yet unclear. The use-wear data from Wilson-Leonard and other Texas sites suggests that Clear Fork tools are morphologically similar tools with differing functions at different points in time and space.

CHAPTER 23

ANALYSES OF RESIDUES ON ARTIFACTS

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INTRODUCTION

by Michael B. Collins

Residue analysis is not a mature aspect of archeo-chemistry. The basic premise is that chemico-analytical techniques applied to prehistoric artifacts yield otherwise unobtainable information about materials that have come in contact with those artifacts, but in practice, there is strong disagreement about the methods used and the results obtained over the last dozen years or so (cf. Fiedel 1996). Most archeologists are not sophisticated in their understanding of chemistry, few chemists appreciate the complex histories of artifacts, and there are few hard data on the consequences of artifact residues having remained subject to ongoing chemical processes for centuries or millennia. These conditions have sometimes resulted in unrealistic expectations, questionable procedures, and simplistic interpretations of results. Expectably, and ultimately for the benefit of science, such shortcomings have been severely criticized; unfortunately, there has also been a tendency to overreact and to discredit any and all efforts at identifying and interpreting chemical residues on artifacts. Resolving the controversy and earning a respectable status for valid studies will be a slow and tedious process of educating chemists to the complexities of the archeological record and archeologists to the possibilities and limitations of sound analytical chemistry. And doing so will be hampered by the substantial archeological requirements of chemical residue analysis from research design to finished report, the very high costs of doing the analyses, and the scarcity of chemists who have both the interest and the facilities.

A primary objective of the second season of fieldwork at Wilson-Leonard was to collect a large sample of artifacts in secure contexts for chemical residue analysis. The strategy was to conduct analysis on a modest proportion of those artifacts for the dual purposes of enhancing interpretation of certain kinds of artifacts and attempting to collabo-

rate with analytical chemists toward improving the standing of chemical residue analysis. Initially, we envisioned only assaying for organic residues.

During the TARL fieldwork, 753 stone artifacts were exposed *in situ*, removed, and wrapped in aluminum foil without being touched except by clean metal tools. These were designated as "OR" (organic residue) samples. Twenty of these were submitted without washing to C. W. Beck at Vassar College in 1993 for an assessment of their potential for organic residue analysis. Based on his findings, which encouraged further analyses, it was determined that further descriptive study in the archeological laboratory of OR artifacts could be facilitated by properly cleaning some of the adhering dirt from the remaining 733 specimens. Therefore, in the TARL laboratory (where any necessary handling was done with clean rubber gloves), these 733 artifacts were washed individually in a gentle stream of deionized water, allowed to dry, documented by xerographic image onto a form with provenience and basic descriptive information, and stored for analysis. Sixty-one samples from this latter group were later sent to W. J. Hurst of Hershey Medical Center, Hershey, Pennsylvania, who intensively assayed 15 of these along with 7 among an additional 10 specimens sent to him from the TxDOT collections. Therefore, 42 specimens have been analyzed at least to some degree for chemical residues, and 718 collected as OR specimens are available for future studies.

The project was fortunate to have the participation of two outstanding senior chemists with interests in the analysis of archeological chemical residues, but finding Drs. Beck and Hurst was an enlightening experience. I contacted dozens of archeochemists in the United States, Canada, and Great Britain and found them all to be either too busy, not interested in the research questions we posed, or lacking in the necessary analytical equipment. Finally, Dr. Beck, at some urging, agreed to conduct a preliminary assessment of a representative sample of the kinds of artifacts we wanted

analyzed. His findings, reported earlier (Beck and Bingham 1994) and summarized briefly below, indicated the presence of organic compounds in limited quantity and mostly in badly degraded condition. Beck, constrained by the equipment available at his facility, primarily used the gas chromatography-mass spectrometry (GC-MS) approach and suggested that it would be of interest to see if additional procedures might be more productive. He recommended that we find a laboratory with alternative capabilities, which led us circuitously to Dr. Hurst.

In the judgement of Beck, Hurst, and the Wilson-Leonard archeological team, the challenge was equally one of exploring analytical procedures and one of identifying and interpreting archeological residues. Therefore, and we believe appropriately given the present immaturity of the field of prehistoric chemical residue analyses, this study has invested its limited resources in intensively assaying a small number of objects with an array of techniques rather than applying a single routine to a larger number. This approach was chosen with the intent of having results with higher levels of confidence on fewer specimens.

Findings made by Beck's team are presented below followed by those of Hurst. Hurst concludes with a suggested analytical protocol for future studies of the Wilson-Leonard or any similar specimens. These two studies confirm the presence of preserved organic and inorganic residues on stones from prehistoric contexts at the site, and it is clear that with ever-increasing effectiveness of techniques for extracting and identifying these residues, much can be learned. This is shown, for example, by the probable identification to genus level a C_{15} acid residue on six artifacts and by the apparent role of insoluble lipophilic residues in preserving soluble residues on tool surfaces. These results are among those reported below, respectively, by the Vassar team and by Hurst.

ANALYSIS OF ORGANIC RESIDUES ON WILSON-LEONARD ARTIFACTS BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY

by Curt W. Beck, Edith C. Stout, and Jonathan Bingham

This study examined the organic residues of 20 stone artifacts, including 17 chipped stone objects, a ground stone fragment, and 2 burned rocks, all from the three stratigraphic Units I, II, and III. The artifacts were received in an unwashed state.

In the laboratory, any visible residue was scraped off each artifact, weighed, and dissolved in diethyl ether, an organic solvent. The insoluble (inorganic) portion was removed by filtration, dried, and weighed to calculate the weight of the soluble (organic) portion by difference. The amount of residue obtained ranged from 26 mg to 19 g, and the percentage of ether-soluble organic matter ranged from 0.5% to 3.4%. In absolute numbers, the ether-soluble organic matter ranged from a low of 0.0006 g to a high of 0.2911 g (Table 23-1). The ether solution was then treated

with diazomethane to convert free fatty acids to their more volatile methyl esters, concentrated, and subjected to gas chromatography-mass spectrometry (GC-MS) in a Hewlett-Packard Model 5995C/96A GC-MS system equipped with a Model 5997A computer workstation. The column used was a 15m RSL-150 poly(dimethylsiloxane) capillary column. The initial oven temperature of 50°C was raised at the rate of 5°C/minute to 250°C and then held constant.

Gas chromatography separates volatile compounds by molecular weight and polarity and displays the components of a mixture as peaks along the elapsed time axis of a total ion chromatogram as seen in Figures 23-1 and 23-2. The more peaks, the greater the number of organic components present. Importantly, there appears to be no correlation between the amount of the organic residue and the number of components detected (Figure 23-3). One of the 20 samples (OR696) contained no volatile organic component; the largest sample (OR379) contained only 1; and 1 of the smaller ones (OR398) contained 54 components in a weight of only 2.6 mg of volatile organics. It must be noted that the analytical techniques employed require two properties to detect a component, those being solubility in ether and volatility at the column temperature. Many potential components in prehistoric food residues, notably proteins and carbohydrates, lack both of these requirements and, therefore, will not be detectable by this method.

Each of the components of the total ion chromatogram is then subjected to mass spectrometry: by bombardment with high-energy electrons, the component molecule is converted to positively charged fragments, the heaviest of which gives the molecular weight of the component and is known as the molecular peak. The last and most difficult step is to deduce the structure of the component from the weight and frequency of the charged fragments. This reconstruction depends heavily on the presence of the molecular peak which, however, is lacking in most of the 548 mass spectra we have obtained by the most common method of ionization, i.e., electron impact at 70 eV.

Three components have been positively identified by their mass spectra, including the molecular peaks and their retention times. They are the unbranched, saturated fatty acids myristic acid (tetradecanoic acid), palmitic acid (hexadecanoic acid), and stearic acid (octadecanoic acid), with 14, 16, and 18 carbon atoms, respectively. Their distribution on the 19 artifacts containing volatile organics is shown in Table 23-2. Myristic acid was found on 8, palmitic acid on 17, and stearic acid on 13. There is no obvious correlation between the occurrence of any of these fatty acids and either artifact type or stratigraphy. Nor does their identification permit a reliable assignment to their specific faunal or floral origin, for all are widely distributed in both animal and plant fats (Gunstone et al. 1994; Hilditch 1956; Karrer et al. 1958-1981).

In addition to these three ubiquitous straight-chain fatty acids with even numbers of carbon atoms, there is a fourth that occurs in six of the samples in such small amounts that

TABLE 23-1
Provenience and Amounts of Organic Residue Samples

OR Specimen No.	Artifact Category	Square/Level	Unit	Associations	Amount of Sample (g)	Amount into Solution (g)	% Sample into Solution
89	Uniface	16/4	IIIc	Feature 227	0.2607	0.0055	2.1
152	Flake	13/6	IIIc		0.9699	0.0156	1.6
180	Dart point, Nolan	11/9	IIIb		6.1610	0.0809	1.3
227	Biface, Stage 2	21/12	IIIb		1.4177	0.0167	1.2
379	Burned rock	30/22B	II		19.0915	0.2911	1.5
388	Burned rock	20/19	IIIa	Feature 231	0.2072	0.0018	0.9
392	Flake tool	30/23	II		0.8691	0.0050	0.6
396	Dart point, contracting stem, concave base	27/24	IIIa	Feature 231	0.0481	0.0007	1.5
398	Flake	27/24	IIIa		0.3027	0.0026	0.9
405	Mano fragment	20/24	IIIa	Feature 231	8.6048	0.1188	1.4
408	Biface, Stage 2	27/24	IIIa		0.3017	0.0020	0.7
419	Perforator	27/24	IIIa	Burned Rock Midden 1	0.0901	0.0018	2.0
485	Biface, Stage 2	100/5	IIIc		0.4456	0.0059	1.3
525	Flake tool	26/31	II	Burned Rock Midden 1	0.0676	0.0018	2.7
567	Flake tool	20/32	II		0.1266	0.0006	0.5
575	Perforator	50/27A	II	Burned Rock Midden 1	0.0845	0.0019	2.2
585	Burin spall	20/34	II		0.0780	0.0015	1.9
598	Flake	48/33	Id	Burned Rock Midden 1	1.7477	0.0169	1.0
696	Flake	59/49	Isi/Icl		0.0264	0.0009	3.4
741	Flake	53/52	Isi/Icl	Burned Rock Midden 1	0.0734	0.0019	2.6

FIGURE 23-1. Total ion chromatograms. (a) OR379; (b) OR388; (c) OR741; (d) OR396.

none of its mass spectra fully identify it, because none has a molecular peak. The fragmentation pattern, however, leaves no doubt that this component is a saturated, unbranched fatty acid, and the retention time of 22.4 minutes falls exactly between those of myristic acid (C_{14}) and palmitic acid (C_{16}). This component can therefore be confidently identified as the C_{15} -acid or pentadecanoic acid. This, like other high-molecular-weight straight-chain fatty acids with odd numbers of carbon atoms, is exceedingly rare and has never

been given a common name. Its rarity, however, has the advantage that its presence in the organic residues on the stone implements allows some inferences about the materials used at the Wilson-Leonard site.

Pentadecanoic acid has been reported from only five genera. Two of these are not indigenous to North America: *Shorea* (southern Asia) and *Calendula* (Mediterranean to Persia) (Karrer et al. 1958-1981). The most suggestive source is the genus *Zanthoxylum*

FIGURE 23-2. Total ion chromatograms. (a) OR405; (b) OR525; (c) OR575; (d) OR398.

FIGURE 23-3. Organic residues by artifact form, M-S component.

TABLE 23-2
Fatty Acid Distribution on 19 Artifacts

Sample	Myristic Acid	C ₁₅ Acid	Palmitic Acid	Stearic Acid	Unknown 1	Unknown 2	Unknown 3
	Methyl Ester RT = 20.4 MW = 242	Methyl Ester RT = 22.5 MW = 256	Methyl Ester RT = 24.5 MW = 270	Methyl Ester RT = 28.2 MW = 298	RT = 23.5 MW = 256	RT = 27.4 MW = 284	RT = 31.0 MW = 312
OR89	+		+	+	+	+	+
OR152			+	+	+	+	
OR180							
OR227			+				+
OR379							
OR388			+	+			
OR392	+	+	+	+	+	+	+
OR396	+		+	+	+	+	+
OR398			+	+	+	+	
OR405	+	+	+	+		+	+
OR408			+		+	+	
OR419		+	+	+	+	+	
OR485			+	+		+	
OR525	+	+	+	+	+	+	
OR567			+		+	+	
OR575	+	+	+	+	+	+	
OR585	+		+	+	+	+	
OR598			+				
OR696							
OR741	+	+	+	+	+	+	

(=*Xanthoxylum*) which includes the prickly-ash also known as “toothache tree” and “tingle-tongue,” the bark of which has yielded pentadecanoic acid (Karrer et al. 1958). Both the bark and the leaves are known to have been chewed as a pain killer by Amerindians of the northern United States (Yarnell 1964), and several species (including *Z. fagara*, *Z. clava-herculis*, *Z. parvum*, and *Z. hirsutum*) occur in Texas (Butterwick 1979; Neck 1988; Vines 1990). Neck (1988) included *Z. hirsutum* (or Southern Prickly-Ash) on an annotated list of plants he observed living on or near the Wilson-Leonard site in 1987-1988. Butterwick (1979:85, cited in Neck 1988:21) notes that “the bark of *Z. hirsutum* produces a stimulating tonic that induces sweating and cleanses the blood; the fruit is stimulating, antispasmodic, and antirheumatic (used as a vapor to treat respiratory troubles).” *Zanthoxylum*, however, is not a unique American source, for pentadecanoic acid has also been isolated from the genus *Lonicera* (honeysuckle) (Karrer et al. 1977) and from unspecified lichens (Gunstone et al. 1994).

A second group of three constituents is recognizable by their base peak (i.e., their most frequent ion) at $m/z=100$. Their distribution on the artifacts (see Table 23-2) shows that they occur only on objects that also contain saturated fatty acids. As shown in Table 23-3, they yield perfectly identical electron impact (EI) spectra, but these are fragmentary and lack the molecular ion. The identical spectra and the evenly spaced retention times of these compounds make it obvious that they are members of a homologous series, i.e., compounds with closely

similar structures differing only by the addition of one or more carbon atoms. Any attempt to determine the structure of these constituents depends on obtaining their molecular weight. This can be done by using a gentler ionization method called chemical ionization (CI) in which electrons of relatively low energy are used in the presence of a reagent gas. We were given access to a Finnigan MAT CI mass spectrometer in the Medical Examiner’s Office of Fort Worth, Texas. The spectra obtained with methane as a reagent gas are listed in Table 23-3. While the capillary column and the temperature program were the same as those used in the electron impact (EI) work, the retention times are 0.8 - 0.9 minutes shorter, indicating a newer column less depleted of stationary phase. The molecular weights of the three unknown constituents are 256, 284, and 312, i.e., they have a constant mass difference of 28 or of two methylene ($-\text{CH}_2-$) groups. All three spectra have prominent $M+ - 2$ peaks with intensities of 54 to 72% and prominent peaks at $m/z=100$ with intensities of 78 - 100. A search of the most comprehensive mass spectral database (McLafferty and Stauffer 1989) shows that no compounds with these characteristics have been reported. For lower molecular weights, there are two examples of fatty acid methyl esters with base peaks of $m/z=100$. These are 5-hydroxy-2-alkenoic acid methyl esters that appear to yield the $m/z=100$ ion by a McLafferty-type of rearrangement (McLafferty 1966) to the fragment $[\text{CH}_2=\text{CH}-\text{C}(\text{OCH}_3)=\text{OH}]^+$. It is noteworthy that the 5-hydroxy-group seems to be a requisite for this fragmentation process, because unsubstituted 2-alkenoic acid

TABLE 23-3
Mass Spectra of Three Unidentified Components

Unknown	RT (min.)	Mol Peak	Fragments
			Electron Impact (EI) Spectra; 70 eV
1	23.5	none	100(100) 87(3.1) 70(3.3) 69(3.2) 57(4.4) 56(5.8) 55(6.1) 45(3.1) 44(6.1) 43(9.5) 42(7.2) 41(8.1)
2	27.4	none	283(1) 100(100) 87(2.9) 70(3.3) 69(3.3) 57(4.5) 56(5.8) 55(5.5) 44(5.0) 43(10.0) 42(5.8) 41(8.0)
3	31.0	none	100(100) 87(4.7) 70(2.5) 69(1.3) 57(4.8) 56(5.6) 55(6.5) 44(6.3) 43 (10.2) 42(5.9) 41(8.4)
			Chemical Ionization (CI) Spectra; methane
1	22.6	256(100)	254(54) 100(78) 114(8) 109(11) 99(8) 88(10) 81(7)
2	26.6	284(100)	283(11) 282(72) 125(11) 123(9) 111(13) 109(5) 100(100) 99(10) 97(12) 87(6) 81(6)
3	30.2	312(74)	311(14) 310(61) 123(2) 109(6) 101(5) 100(100) 99(8) 81(4)

methyl esters with 8 to 16 carbon atoms do not produce an $m/z=100$ fragment (Mass Spectrometric Data Centre 1986). We are therefore led to the tentative identification of the three constituents as:

Unknown 1: 5-hydroxy-2 tetradecanoic acid methyl ester

Unknown 2: 5-hydroxy-2-hexadecanoic acid methyl ester

Unknown 3: 5-hydroxy-2-octadecanoic acid methyl ester

A comprehensive computer search of *Chemical Abstracts* shows that none of these compounds has ever been reported as natural or synthetic products. If the suggested structures are correct, they might be oxidative degradation products of the three positively identified even-numbered saturated fatty acids with which they share the same carbon skeleton.

Three even-numbered saturated fatty acids with carbon-chain lengths of 14, 16, and 18 have been identified, in the form of their methyl esters, by gas chromatography-electron impact mass spectrometry on all but 3 of 20 Wilson-Leonard artifacts. Since they are widely distributed in plants as well as animals, their presence does not allow attribution to specific sources. A fourth saturated acid with 15 carbon atoms is exceedingly rare. Its most likely source is a *Zanthoxylum* species, i.e., the prickly-ash or "tooth-ache tree" known to have been used by Amerindians; but honeysuckle and lichens are other possible sources. Three homologous compounds have yielded chemical ionization mass spectra that strongly suggest oxidation products of the saturated fatty acids 14, 16, and 18 carbon atoms, but their identification remains tentative.

CAPILLARY ION AND AMINO ACID ANALYSES OF ORGANIC RESIDUES

by W. Jeffrey Hurst

Introduction

A total of 71 artifacts was submitted for organic residue analysis including 61 from TARL and 10 from TxDOT exca-

vations. Due to time constraints, only 22 were analyzed—15 collected as OR samples from the TARL excavations and 7 recovered from TxDOT excavations but not collected for special study (Table 23-4). The studies that were conducted utilized two techniques, capillary ion analysis (CIA) for the determination of inorganic ions and high performance liquid chromatography (HPLC) for the determination of amino acid residues.

Analysis of residues from archeological artifacts has become an active area of analytical chemistry (Evershed 1993; Fielder 1996; Hillman et al. 1993; Lein 1983; Marchbanks 1989; Newman et al. 1993). Many such determinations have focused on lipophilic materials obtained after surface grinding of artifacts and extraction with a standard solvent used for extracting lipids from foodstuffs such as Folch reagent (2:1, chloroform:methanol) (Folch et al. 1957). This work is well documented, and earlier reports for this site have chronicled this data. Evershed (1993) provides an introduction to this subject and an overview of lipid analysis in biomolecular archeology.

Data also have been reported on organic matter and carbonates by Stein (1984) who presented a loss-on-ignition technique for determining carbonate at the Vosburg site in south-central Minnesota. Hillman et al. (1993) report the use of various techniques including SEM Pyrolysis Mass Spectrometry and Infrared Spectroscopy to develop information on charred grains that compared the role of chemical, histological, and morphological criteria. Anderson-Gerfaut (1981) published work on residue analysis of stone plant-processing tools. Finally, Loy and Wood (1989) report the identification of blood residues on stone tools using immunoassay-based techniques; their study has recently come under scrutiny based on some later findings, and while it may be less accepted, it is included in these introductory paragraphs for completeness.

The citations above outline some earlier work that has been performed on the determination of residues from archeological artifacts. These determinations have focused primarily on the determination of organic residues since they can provide some indication of the possible use of archeological artifacts. The present samples provide an excellent opportunity to evaluate other analytical techniques and

TABLE 23-4
Organic Residue Samples: Provenience and Techniques Used

Specimen No.	Artifact Category	Square	Level	Feature	Unit	CIA	HPLC
OR41	Mano fragment	17	4		IIIc	x	x
OR69	Projectile point, Marcos	19	9		IIIb/c	x	x
OR372	Clear Fork biface	52	22	231	IIIa	x	x
OR376	Burned limestone	27	22	225	IIIa	x	x
OR439	Projectile point, Golondrina-Barber	34	22	231	II/IIIa	x	x
OR460	Core tool	35	23		II/IIIa	x	x
OR540	Burned limestone	48	31	236	Id/II	x	x
OR558	Burned limestone	28	25	245	IIIa	x	x
OR588	Projectile point, Angostura	37	27		II	x	x
OR614	Mano	49	33		Id/II	x	x
OR629	Clear Fork biface	57	37		Isi-c	x	x
OR648	Burin	101	12		Y	x	x
OR689	Biface, Stage 2	20	50		Icl	x	x
OR708	Flake	52	42		Isi-c	x	x
OR710	Flake	52	43		Isi-c	x	x
7F-5	Metate fragment	E20/S92	6	Burial 1	IIIc/Pot	x	x
9N-3	Mano fragment	E20/S88	14	12	X	x	x
9T-2	Grinding basin	E20/S88	20		X	x	x
12A-12	Indeterminate ground stone	E20/S82	1		IIIc	x	x
16C-2	Tubular stone pipe	E20/S74	3		IIIc	x	x
33Y1D-2	Possible ground stone	E26/S76	25A		II	x	x
BU2-1	Ground stone tool	E20/S74	31A	Burial 2	Isi/Icl/Isi-c	x	x

possibly to determine the presence not only of residue attributable to various lipids but also water-soluble organic residues and inorganic residues. This orthogonal approach allowed for the determination of a variety of compound types which then provided an opportunity for a multidimensional evaluation of a number of artifacts.

Sample Preparation

All of the samples for this analysis were treated in the same manner. While other researchers performing organic residue analysis have physically removed small amounts of the material (Hillman et al. 1993), samples in this study were subjected to an exhaustive extraction with a modified Folch reagent which obviated the need to physically remove materials from the artifact. The reason for this approach was to maintain the artifacts in their current physical state rather than to destroy the top layer of materials as had been done in earlier studies. Folch reagent consists of a 2:1 (w:v) mixture of chloroform-methanol. These extractions used a modified Folch reagent consisting of the previous solvent with 0.1% BHT. Folch reagent is a standard solvent utilized for the extraction of lipids from a variety of materials in an efficient manner. BHT is an antioxidant which was added to limit any additional oxidation of the extracts to that present before extraction since exhaustive extraction can sometimes create analytical artifacts and provide misleading data. The resulting extracts were filtered and reduced in volume in an inert atmosphere to potentially eliminate analytical oxidation byproduct formation. After the solvent was removed, the samples were stored in sealed vessels at -4°C until sub-

sequent analysis.

After extraction with the modified Folch reagent, samples were allowed to dry and extracted with approximately 1:20 (w:v) ratio of artifact to distilled water. The container with the artifact and water was placed on a water bath set at 85°C for two hours. After cooling to room temperature, aqueous extracts were filtered, placed in glass bottles with Teflon-lined tops, and stored at -4°C. The final result of these sample preparations was that each artifact was extracted with the modified Folch reagent to extract the lipophilic components and subsequently treated with water to extract any hydrophilic residues.

Capillary Ion Analysis (CIA)

Capillary ion analysis (CIA) is a relatively new analytical technique that can be used for the determination of various anions (Danielson and Sherman 1993). The choice of CIA was deliberate since it is sample conservative, utilizing only a few microliters of sample, and has rapid analysis time. Also, literature on the determination of inorganic residues is sparse, and data that were developed would provide another perspective on the analysis of residues from archaeological artifacts.

Aqueous extracts of selected samples were analyzed by capillary ion analysis with conductivity detection. Figure 23-4 provides an example electropherogram of an 8-anion standard which includes chloride, bromide, nitrite, nitrate, sulfate, carbonate, fluoride, carbonate, and acetate while Figures 23-5 through 23-9 provide electropherograms from 16 artifacts. The results obtained can be classified as

FIGURE 23-4. Electropherogram of selected anion standards.

FIGURE 23-5. Electropherogram of artifact Specimens OR41, OR372, OR540, and 9T-2.

FIGURE 23-6. Electropherogram of artifact Specimens OR629, OR588, 33Y1D-2, and OR614.

FIGURE 23-7. Electropherogram of anion standards and artifact Specimens OR689, OR648, and OR69.

FIGURE 23-8. Electropherogram of artifact Specimens OR376, OR460, and 7F-5.

FIGURE 23-9. Electropherogram of artifact Specimens OR439 and 16C-2.

semiquantitative, since an attempt was made to extract all samples with a constant ration of water. The results of these determinations are listed in Table 23-5. The electropherograms that are provided are scaled to the largest peak so some of the smaller peaks, even though they are listed in the table, are not seen due to scaling of the data.

Amino Acid Analysis

A portion of each aqueous extract was subjected to amino acid analysis after filtering it through a 10,000 Molecular Weight Ultrafiltration (UF) membrane that eliminated

any aqueous material with a molecular weight greater than 10 Kilodaltons (kD). These resulting materials were then analyzed by HPLC after the formation of a precolumn orthophthaldehyde (OPA) derivative which is a standard method for the determination of amino acids in biological systems (Hill et al. 1979).

Figure 23-10 provides a chromatogram of the amino acid standard while Figures 23-11 through 23-16 provide sample chromatograms for additional artifacts. The results obtained from the other artifacts can be seen in Table 23-6. The chromatograms that are provided are scaled to the largest peak so some of the smaller peaks, even though

TABLE 23-5
Summary of CIA Results

Specimen No.	Chloride	Nitrate	Sulfate	Phosphate	Carbonate
OR689	X		X		X
OR648	X				X
OR69	X	X			
OR41	X	X		X	X
OR372	X	X			X
OR540	X	X	X	X	X
9T-2	X				X
16C-2	X			X	X
OR439	X				X
OR629	X	X			X
OR588	X				X
33Y1D-2				X	X
OR614	X				
12A-12		X			X
OR558					
OR708					
BU2-1	X	X		X	
9N3					X
OR710					
OR460	X	X			X
7F-5	X			X	X
OR376	X		X		

An "x" indicates that the anion was present in the artifact while a blank indicates that none of the anions was present in the extract.

FIGURE 23-10. Chromatogram of amino acid standards.

they are listed in the table, are not seen due to scaling of the data.

Discussion of Results

The results for the anion analysis were revealing. The column material, chemistries used, and the detector make

this technique extremely selective and sensitive, lending a high level of confidence to the results. Most samples analyzed had substantial amounts of chloride with OR540, a burned limestone rock, having an extremely large amount when compared to others. One might readily interpret this to be a pedogenic product with no cultural significance. Most samples contained carbonate likely due to the makeup of the

FIGURE 23-11. Amino acid profile for Specimen 9T-2.

FIGURE 23-12. Amino acid profile for Specimen OR540.

material. The limestone is a carbonate; even those samples not made of limestone could have been enriched by soil carbonate over time. While most samples tended to contain chloride and carbonate, the appearance of the other anions was most intriguing. Eight samples as indicated on Table 23-5 showed evidence of nitrate, which, while possibly attributable to some type of agricultural runoff, may also have accumulated on the artifact during use. For ex-

ample, Stein (1984:239-242) notes that "as unused food, refuse from house construction, and the dead decompose, significant amounts of carbon, nitrogen, calcium and phosphorus...are released." Since the disposition of the nitrate was not universal, other than pedogenic sources are suggested.

Phosphate was also seen in six samples as indicated in Table 23-5. In this case, environmental sources for this

FIGURE 23-13. Amino acid profile for Specimen 16C-2.

FIGURE 23-14. Amino acid profile for Specimen OR614.

residue are difficult to explain. Phosphate is a component of hydroxyapatite, which is a chemical component of bone and again supports the comments by Stein. Finally, Specimen BU2-1 had a coating of carbonate that was physically removed and then extracted. The primary compounds found were nitrate and phosphate. While phosphate and nitrate are widely used in current farming practices, the fact that these compounds were found after the extraction of an outer lipophilic layer gives support to the conclusion that these are true organic residues rather than some environmental artifact. Also, the fact that these compounds were

not universally distributed would seem to give further support to these findings. The ability to detect inorganic in addition to organic residues in archeological artifacts is exciting since it opens other avenues in these determinations.

The final general class of compounds analyzed were amino acids. The OPA method for precolumn derivative formation is well established in the scientific literature as a method for the determination of amino acids with lower limits in the femtomole range, so it is an ideal candidate for evaluating samples containing small amounts of amino

FIGURE 23-15. Amino acid profile for Specimen BU2-1.

FIGURE 23-16. Amino acid profile for Specimen OR710.

acids. Additionally, it is also very specific giving it a high level of confidence. Eight of the artifacts contained some amino acid residues and six of these had substantial numbers of amino acids. The most encouraging results are from one of the ground stone artifacts, a burned limestone rock, and the pipe. Ground stone Specimen 9T-2, a grinding basin, gave a free amino acid profile very similar to that of an acorn (United States Department of Agriculture 1976) which could be attributable to the live oak acorn indigenous to

the region. There were isolated amino acids in other samples but nothing as definitive as that from the ground stone artifact. While none of these results is confirmatory, the sum is intriguing, as in the case of the anion samples. The outer layer provided a protective coating allowing for the extraction and analysis of these compounds. The results from the ground stone specimen support the argument that it was used to grind live oak acorns which might have been used as a food source.

TABLE 23-6
Summary of Amino Acid Residue Results

Specimen No.	Aspartic Acid	Glutamic Acid	Serine	Histidine	Glycine	Tryptophan	Alanine	Arginine	Tyrosine	Methionine	Valine	Phenylalanine	Isoleucine	Leucine	Lysine
OR689						X					X				
OR648											X				
OR69															
OR41															
OR372															
OR540	X	X	X			X	X	X	X	X	X	X	X	X	
9T-2	X	X	X	X	X			X	X	X	X	X	X	X	X
16C-2	X	X	X				X	X	X			X	X	X	
OR629															
OR588															
33Y1D-2															
OR614	X	X				X	X	X		X	X	X	X	X	
12A-12															
OR558															
OR708															
BU2-1	X	X	X		X	X	X	X	X				X	X	X
9N-3															
OR710	X	X	X	X	X		X	X	X			X	X		X
OR460															
7F-5															
OR376															

An "x" indicates that the artifact was positive for that amino acid while a blank indicates that the artifact was analyzed and no amino acid residue was detected.

Further Studies

Additional studies should be completed on various lipid fractions that can be obtained from extractions with a focus on acids other than the fatty acids. A focus on the sterols might provide an opportunity to further differentiate among food sources since they and related compounds can provide a wealth of information. For example, an artifact containing phytosterols could then be further fractionated to a particular type of phytosterol and potentially plant type. Additionally, one can effectively prefractionate lipid extracts and determine how much of each of the various sterols was evident and determine additional information about the food sources. While fatty acid data are useful, some members of the class undergo degradation under varying rates and are not included in final calculations, making assignment of a particular fatty acid to a particular food type problematic. The sterol data could provide some supplementary information.

The lipid coating on some samples is a rich source of information and should be further exploited since one might be able to obtain information on a surviving lipoprotein component. Additionally, this layer might contain one of a number of polyaromatic hydrocarbon type compounds that are characteristic products of combustion using a variety of fuel sources. These could provide additional data about food sources or combustion materials (Jones and Fruedenthal 1978).

These studies seem to indicate that the rich lipophilic layer provides a protective coating for the inner layer. This finding encourages more in-depth studies using state-of-the-art residue analysis techniques to investigate carbohydrates that are characteristic of various food types, amino acids, anions, cations, and potentially even small peptides. With the use of appropriate technologies, only very small sample sizes are required, potentially eliminating the need for a "destructive" sample preparation protocol.

A side-by-side comparison between two complementary techniques would provide some additional support to ensure that the residues obtained were not due to some environmental artifact. Another set of studies also might be conducted to evaluate the effect of various types of "aging" (i.e., high heat or other differing environmental factors) on the fate of some of these residues. The studies described here are important and should be completed but were not within the scope of the current study.

The foregoing effort provided valuable insights that should be considered in future analysis. The following is a proposed protocol for achieving continued improvement in methodology for organic residue analysis. These recommendations are contingent on the artifact being previously unwashed and stored wrapped but not in a plastic bag. If the artifact has been stored in less than ideal conditions, variations in the protocol and resulting analysis may be necessary to ensure appropriate results.

The artifact should first be extracted with the modified Folch reagent described above and the solvent removed in an inert atmosphere. The artifact should be allowed to dry and exhaustively extracted with warm water (approximately 90°C). A minimal amount of water should be used or it should be reduced by lyophilization or some other nondestructive technique. Finally, the artifact can be extracted with a mixed solvent such as methanol/water which can isolate other culturally significant residues. Based on the results obtained in these studies, the outer lipophilic layer seems to provide a protective outer coating for other materials to ensure the recovery of the maximum number and number of compounds.

Lipophilic Fraction (Marini 1993)

Compound Class Analytical Technique

Fatty Acid	
Free	GC with Flame Ionization Detector, HPLC with Refractive Index, Ultraviolet, or Evaporative Light Scattering Detection
Total	GC with Flame Ionization Detector, HPLC with Refractive Index, Ultraviolet or Evaporative Light Scattering Detection
Triglyceride	HPLC with Evaporative Light Scattering Detection
Other Lipids	HPLC with Evaporative Light Scattering Detection or Refractive Index Detection
Polyaromatic Hydrocarbons	HPLC with Fluorescence Detection

Ideally, one would subject a portion of this material to an HPLC class separation as outlined by Marini (1993) where the entire fraction can be divided into fatty acids; mono, di, and triglycerides; and sterols, especially cholesterol and phospholipids. These fractions can then be further isolated for individual class members. While obviously more expensive than Thin Layer Chromatography (TLC) fractionation, the data would prove superior.

Water Fractions

Compound Class Analytical Technique

Anions	Capillary Electrophoresis (CE) (Danielson and Sherman 1993)
Cations	Capillary Electrophoresis (CE) (Danielson and Sherman 1993)
Amino Acids	HPLC with Fluorescence Detection (White and Hart 1993)
Carbohydrates	HPLC with Pulsed Amperometric Detection (Scott 1993)

Should an artifact have a particular background or cultural importance, then one could focus on artifact-specific compounds.

Each of the techniques has been chosen to obtain the maximum amount of information for the least amount of sample without destroying the sample. The aim of any analy-

sis determination of this type is to obtain the most information. In many of these compound classes, the detector of choice would have been mass spectrometry (MS). In the cases of GC, HPLC, and CE there are sufficient MS detector types commercially available to extract large amounts of information. While MS is the ideal detector, it can be prohibitively expensive; other detector types are readily available in most laboratories and would afford nanomole levels of sensitivity.

The reasons for the departure from the method of fatty acid distributions are several. First, since fatty acids are said to degrade at differing rates, the presence or absence of a particular fatty acid might be an analytical or sample preparation bias. While this is not to detract from the excellent work in developing the various %S ratios, this protocol might

serve as an alternative. The ability to develop information on triglycerides and sterols would be useful in supplementing other findings related to the lipophilic extract. The inclusion of the polyaromatic hydrocarbons would provide some interesting additional information on possible combustion sources.

The compounds chosen for examination in the water soluble fraction would provide another set of information. Anions have already been discussed above and cations could be examined in similar approaches. Free and total amino acids could provide information about possible plant/animal sources, and depending on the amount and state of extract available, one could examine peptide fractions. Finally, peptides and carbohydrates could also provide important data on the residue sources.

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APPENDIX 1: UNMODIFIED LITHIC MATERIALS

by Sean R. Nash and Michael B. Collins

INTRODUCTION

Natural rocks that were, or may have been, introduced to the Wilson-Leonard site through human agency are discussed in this appendix. None of the specimens has discernible cultural modifications, but natural processes cannot account for the presence of some lithologies found at the site (e.g., pieces of granite or sandstone). Some lithologies that occur naturally within the geological setting of the site (e.g., hematite and calcite) are included because other evidence (e.g., their size, concentrations, or condition) suggests possible human introduction which could have been either intentional or unintentional.

Intentional introductions include specific rocks collected in order to be made into tools (e.g., tabular sandstone to be made into metates or hematite for use in pigments or adhesives). Unintentional introductions are those caused incidentally by other human activities. Any number of objects routinely brought to a habitation site might have sand and small pebbles adhering. Woody roots intended as fuel, sticky surfaces of field-dressed game or fish, and even muddy sandals are among the possibilities.

Identifications were made using standard hand specimen geological practices. A hand lens, low-power microscopy, and diluted hydrochloric acid were the only aids employed during analysis.

Some lithologies were grouped according to the size grades of Folk (1980). The term "shatter" has been employed to describe sharp-edged fragments of bull quartz that are less than 32 mm in greatest dimension; these give minimal indications of the size of the original rock. Each lithologic category is described and discussed below in alphabetical order. This is followed by a distributional analysis of hematite, calcite, and cryptocrystalline quartz pebbles. All specimens are listed by provenience in Table A1-1.

LITHOLOGIC CATEGORIES

Bull quartz refers to massive, macrocrystalline quartz with irregular, interlocking crystals often formed in masses and seams in Town Mountain granite (Barnes 1981a). Two of the three bull quartz pebbles found at the Wilson-Leonard site have rounded edges and appear to have been stream rolled. The third is an angular chunk. The origin of these specimens is presumed to be the Town Mountain or other granitic unit in the Central Mineral Region as this is the only close source. The stream-rolled appearance indicates that two pieces were found as gravel after having been transported by a stream. The stream system draining the Central Mineral Region does not include Brushy Creek, which rules out any possibility that bull quartz pebbles were introduced into the site as natural fluvial deposits. Rather, the closest possible fluvial source is along the Colorado River, which is within about 30 km of the site. The chunk was probably found or quarried at the outcrop.

Because bull quartz pebbles were imported from a source at least 30 km away, it is likely that a specific use was anticipated. Several manos made from bull quartz cobbles were found at the site. However, there was no pebble-sized bull quartz recovered with any discernible cultural modifications. In contrast, all the bull quartz cobbles found had been used as manos.

Possibly these pebbles were (1) brought to the site to be used as manos or some other tool and then judged to be inappropriate; (2) introduced unintentionally; or (3) imported for a use that did not require physical modification. The latter could include use as a thermal storage device. The chunk, which is a pebble not exhibiting any stream rolling, has a fourth possibility; it could be the remains of a fractured mano or other object.

Bull quartz shatter found at the Wilson-Leonard site likely represents fragments introduced to the site for one of the reasons listed above. Some pieces retain cortex. Visual inspection of the cortex of the shatter from one lot shows evidence of stream rolling. Visual inspection of the remainder was inconclusive because of the small size of the specimens. Most of the shatter has no cortex, so it is possible that the bull quartz was quarried at the source.

Some could be the remains of shattered manos or hammerstones. Some manos found at Wilson-Leonard are fractured and could have created similar shatter. Heat can also cause bull quartz to shatter. The use of these rocks as thermal storage devices (including boiling stones) could account for both their importation and subsequent shatter. Unintentional exposure to heat could also explain some shatter.

Calcite is a naturally occurring mineral in the geological setting of the Wilson-Leonard site, and excavators noted large amounts of calcite at the site. Mostly crystalline calcite pieces ($N=132$) were collected. They range in size from granules to very large pebbles. Some pieces appear stream rolled. Calcite was distributed roughly evenly horizontally and vertically throughout the site (see discussion below).

Chalcedony and jasper are ubiquitous in Central Texas but chalcedony, in pieces large enough to be of cultural utility, is found almost exclusively at massive Edwards limestone outcrops, which are not present in the Brushy Creek drainage above Wilson-Leonard. Jasper has a similar occurrence in the limestone formations, but is more common than chalcedony as pebbles in past and present streams. These small weathered pebbles do occur in Brushy Creek and elsewhere in the region. If jasper pebbles were imported, they could all have been collected in the vicinity of the site, whereas chalcedony specimens may represent longer-distance transport (Barnes 1981b). Some specimens exhibit characteristics associated with stream rolling. The jasper is essentially iron-stained chert. One chalcedony specimen (Lot 1265) is a fragment of a geode and was found in association with Burned Rock Midden 1 in stratigraphic Unit IIIc of the Valley Margin.

TABLE A1-1
Raw Material Frequencies by Stratigraphic Unit

Stratigraphic Unit	Bull Quartz	Calcite	Chalcedony	Dolomite	Granite	Graphite	Hematite	Limonite	Jasper	Marl w/iron	Ocher	Quartz	Quartzite	Sandstone	Schist	Schist, mica	Schist, mica quartz	Shale	Siltstone	Slate Fragment	Totals
Valley Floor A:																					
FILL												1									1
IIIc/FILL	1	1										3									5
IIIc	28	8				1	14		1		2	3		2	2			1	1		63
IIIb/c	2	4					18	1				1	1								27
IIIb	6	22					27					6		3						1	65
IIIa/b		1					19	1				1	1					1			24
IIIa	3	11	1	1	1		110		2			12	6	6			1		1		155
III																1					1
II/IIIa		11				1	51				6	9		1							80
II				1	1		81	2				16	3	1							105
Id/II							14					2									16
Isi-c/II		1					12			1		6									20
Isi-c/Id/II														1							1
I/II							1														1
Id											1										1
Isi-c/Id	1	2					8					8									19
Isi-c		5				2	13				1	8	1								30
Isi/Isi-c	1	3					7	1				32									44
Icl/Isi-c		4				2	12														18
Isi/Icl/Isi-c						1						1									2
Icl	1	4				2	9	4				5	2								27
Icl/D							3														3
Isi/Icl		10				10	15				1	1	1	2							40
Igl/Isi/Icl		7					3														10
Isi		10				60	12	3				34									119
Igl/Isi		5					7				1	1		1							15
Igl		14				2	2					2							1		21
Totals:	43	123	1	2	3	81	438	12		1	12	152	15	17	2	1	1	2	3	1	913
Valley Floor B:																					
IIIc							1							1	1						3
III							34														34
II		7					6														13
I/II							1														1
I							3														2
Totals:		7					45							1	1						54
Valley Margin:																					
IIIc			1				10							1				2			14
IIIb/c					1		1														2
Y/IIIc							1														1
IIIb							4	6					1								12
Y/IIIb								10													10
Y		1										2							1		4
X/IIIb							1														1
X/Y									1												1
IIIa/b							1														1
II/IIIa							1					1									2
X		1					5					1									8
X/II							2											2			4
II							5														5
Totals:		2	1				31	16	1			4	1	1				4	1		65

Dolomite is common in Edwards limestone and pieces of it possibly could have been deposited naturally in the Wilson-Leonard site, but more likely they were from nearby outcrops (Barnes 1981b). Two dolomite rocks were recovered. A uniformly gray dolomite cobble was found in stratigraphic Unit II. Because of the disintegration of its surface, any evidence of the rock's usage is lost. It is crystalline and angular.

A very large dolomite pebble was also found. It (Lot 33R from Unit IIIa) is a coarse-grained rounded rock that resembles some manos also found at the site. It is fine grained and has a pink tinge.

Granite, like bull quartz, occurs naturally in surface exposures in the Central Mineral Region and fluvial deposits downstream from it (Barnes 1981a, 1981b). The Town Mountain Formation is one possible source. For the same reasons discussed for bull quartz, granite is probably a manuport. Four unmodified pebbles were found. The color of the two smaller pieces is pink. The larger pieces are pink with an orange tinge. Two were found in Archaic-age deposits (Units IIIa and IIIb/c), one in Late Paleoindian contexts (Unit II), and one in mixed Late Paleoindian and Early Archaic deposits (Unit II/IIIa transition zone). Granite cobbles were used as hammerstones and manos at the Wilson-Leonard site during the Archaic period. The two small pebbles could represent pieces of manos or hammerstones. The larger pebbles are disintegrating and could not be used as manos or hammerstones in their present condition. It is unknown if these pebbles were brought to the site in this condition or if human agency or natural conditions at the site caused their disintegration. Intentional or unintentional heating could contribute to the disintegration of granite.

Possible explanations for the importation of these larger granite pebbles include (1) that they were brought to the site to be used as manos or other tools and then judged to be inappropriate; (2) after use as manos (or other tools), intentional or unintentional heating destroyed the evidence; (3) they were imported for uses that did not require modification, such as thermal storage devices; or (4) the introduction was unintentional.

Graphite, probably from the Central Mineral Region or its fluvial deposits, was imported to the site during the Paleoindian phase. Both graphite in schist and graphite in quartz were found. Three possible sources for the graphite-rich schist are the Precambrian Honey, Packsaddle Schist, and Cap Mountain Schist formations. The Honey Formation is the most likely source (Barnes 1981a).

A total of 81 pieces was found. Seventy-nine specimens ranging in size from granules to large pebbles were found in Unit I below Unit Id; 59 of these were found in Unit Isi. Only 2 specimens were found above Unit I—a granule in Unit II, and a large pebble in Unit IIIc.

Spatially, the bulk of the graphite in schist was in TARK Square 59 (60 pieces) and adjacent squares (10 additional pieces). The concentration in Square 59 suggests that much

or all of the material may have originally come to the site as a single piece.

Graphite can be easily removed from its matrix by pulverizing. Thumb pressure can easily crush a pebble of the schist. The resulting graphite powder could be separated out and used for pigment or other purposes.

Ochers, including hematite and limonite, are naturally occurring minerals in the geological setting of the Wilson-Leonard site, but disproportional representation of these iron oxides within the site suggests human intervention. The high number of worked ocher pieces also suggests regular importation and use of ochers (see Chapter 20). Only pieces exhibiting no cultural modifications are discussed here. Ochters found at the site varied from yellow and brown (limonite) to orange and red (hematite). Sizes range from granules to very large pebbles. The majority are classified as hematite and are pebble sized, red, and pulverulent.

Over 550 pieces of unmodified ocher were recovered. Of these, 514 were classified as hematite, 28 were classified as limonite, and 12 as ocher, miscellaneous. Ocher has at least three possible cultural uses: in making adhesives, pigments, and medicines (Highley 1995).

Quartz in this presentation refers to stream-rolled cryptocrystalline pebbles that are ubiquitous in Central Texas. Excavators noted sufficiently large numbers ($N = 156$) to suggest that some of the pebbles may have been imported. The sample shows the quartz is evenly distributed throughout the TARK excavations and the TxDOT fine-screened unit (Square 37), and a wide array of colors is represented.

Quartzite does not occur naturally with any frequency within the Brushy Creek drainage, and it is inferred that the 16 unmodified quartzite specimens are manuports. Many possible sources for the quartzite, such as the Hensell Sand Formation with outcrops as close as 25 km south and 35 km east of the site contain cobble-sized quartzite nodules (Banks 1990).

Widespread occurrences of upland gravels often called "Uvalde" and "Ogallala" gravels are known sources of quartzite (Banks 1990). Sources in South Texas and the Big Bend area produce purple, green, and red quartzites (Banks 1990) similar to some found at Wilson-Leonard (Lots 31CC, 29HH, 34S, 1677, 912).

Sandstone occurs naturally throughout much of Texas, but it does not occur naturally within the Brushy Creek drainage. The closest sources for sandstone are the Hensell Sand and the Smithwick formations east of Marble Falls (Barnes 1981a). Eocene formations in East Texas, such as the Calvert Bluff Formation, are also possible sources of some sandstone pieces found at the site (Sellards 1958).

Various lithologies are represented in the 19 unmodified sandstone pieces from the Wilson-Leonard site. Sizes range from small pebble to cobble. Colors are gray, brown, buff, yellow, and pink, and most are cemented with calcite or quartz but some are cemented with hematite. Grains of quartz, feldspar, and chert are present in the various sandstones.

Textures grade from fine to coarse. Some visually resemble Hensell Sand Formation sandstone. Use of sandstone for grinding stones or small abraders is common and may account for their presence at the site.

Schist probably came from the Central Mineral Region or from streams within its drainage and could not have been introduced to the site through natural processes. Included in the sample is mica quartz schist. The Sandy Formation is a likely source for mica quartz schist; other schist sources include Cap Mountain Schist and Packsaddle Schist (Barnes 1981a).

A total of five schist pebbles was found; the mica quartz schist mentioned above, a medium pebble identified as mica schist, and three additional pebbles classified as schist. The three pebbles classified as schist are dark gray. All three are flat and display worn edges consistent with stream transport. No cultural explanation for their presence is apparent.

Shale naturally occurs widely in Texas, but only very soft varieties are present in the upper Brushy Creek valley. Like sandstone, human agency must have been responsible for its introduction into the site. Five medium to very large pebbles were found. All five are dark blue-gray and flat with rounded edges consistent with stream transport.

Siltstone occurs in the same formations (e.g., Del Rio Clay, Smithwick Formation) as sandstone and shale (Barnes 1981b) and must have been imported to the site by humans. One of the five siltstones is tabular and exhibits angular fracturing and oxidized coloring consistent with burning.

One siltstone is a calcareous cobble, one side of which is partially covered with calcium carbonate. The other side is exposed siltstone and has a white chalky appearance. The size and shape of the stone are typical of manos found at the site, but it bears no evidence to this effect. A Waco Sinkers found at the site is made from a similar material. At the Wilson-Leonard site, tabular siltstone was used to make metates and a crude uniface (Lot 22H-7).

A NOTE ON DISTRIBUTION OF UNMODIFIED LITHIC MATERIALS

Different recovery strategies during the TxDOT and TARL excavations directly affected the sample and distributional interpretations. TxDOT archeologists dry-screened sediments with 1/4-inch screens for all squares except one. Square 37 (E28/S78) was water-screened through 1/16-inch-mesh screen. TARL crews water-screened all sediments from controlled excavation units through 1/8-inch screen. Additionally, the TxDOT plan did not intentionally save quartz pebbles at any time; TARL policy was to save all quartz pebbles. The result of this is that all but one quartz pebble in the sample came from the TARL excavations.

In evaluating the distribution of unmodified raw materials, three categories—quartz, calcite, and hematite—showed higher frequencies. In order to examine a sample less prone to recovery bias and given the consistent policy on the recovery of these three materials during TARL excavations, only lots from TARL squares were considered (Table A1-2). Additional data from TxDOT fine-screened Square 37 are separately presented in the table to enlarge the hematite sample. The difference in screen size appears to have had negligible affect on the hematite data.

Table A1-2 shows the distribution of hematite, calcite, and quartz in these selected excavation squares. The excavated volume of sediments from each stratigraphic unit is included for comparison along with the calculated density of each material per m³.

As shown, the proportional distributions of quartz and calcite are very similar, and both are similar to the proportion of sediments per stratum. This suggests natural forces are responsible for all or most of the quartz and calcite. The hematite, however, shows a contrasting pattern, which supports the inference that some of the hematite was culturally introduced. The highest density of hematite occurs at the Unit II/IIIa transition zone, comprising Late Paleoindian and Early Archaic deposits.

TABLE A1-2
Intersite Distribution of Selected Materials

Unit	Volume Excavated	%	Calcite		Quartz		Hematite		Hematite TxDOT		Hematite Total	
			No.	Density	No.	Density	No.	Density	No.	Density	No.	Density
I	44.314	68	54	1.21857	95	2.14379	43	0.97034	23	0.519023	66	0.9703
I/II	3.631	6	1	0.27540	7	1.92784	23	6.33434	3	0.826219	26	6.6097
II	7.446	11	5	0.67150	16	2.14880	51	6.84931	7	0.940102	58	6.8493
II/IIIa	3.481	5	9	2.63311	8	2.29819	33	9.48003	2	0.574548	35	7.7563
IIIa	6.116	9	9	1.47155	10	1.63505	39	6.37671	4	0.654022	43	6.8672
Totals:	64.988	99	78		136		189		39		228	

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APPENDIX 2: IMPRESSED CLAY AND MUD DAUBER NESTS

by Michael B. Collins

Three pieces of clay with preserved impressions, possibly daub, and 41 mud dauber nests were recovered from the Wilson-Leonard site. These are described and discussed briefly below.

IMPRESSED CLAY

Two very small pieces of fired clay with impressions of small cylindrical objects, inferred to be grass stems, and one larger piece of hardened clay with the impression of a larger rounded object resemble fired daub that is sometimes produced when a wattle and daub structure burns. Alternatively, these could be bits of mud hardened after contact with objects under a wide array of other circumstances.

The first of these is from E40/S70, Level 3 (Unit IIIc). It is fired very hard and has a reddish color. The piece is 9-x-8-x-4 mm in size and has multiple impressions of straight, cylindrical rods 1 to 2 mm in diameter on one face.

From E26/S78, Level 19B (Unit II/IIIa), is a nearly identical piece fired medium hard, reddish tan in color, with grass stem (?) impressions on one face. It is 10-x-9-x-5 mm in size, and the cylindrical impressions are also between 1 and 2 mm in diameter.

The third object is an irregular lump of medium hard clay, light gray in color. The hardness suggests that this piece has been heated, but it does not have the appearance of being fired; perhaps it was "baked" in a reducing atmosphere. It is 54-x-40-x-26 mm in maximum dimensions and is characterized by a smooth impression on one face. The impression appears to be of a cylindrical object estimated by extrapolating the preserved arc to have been approximately 80 mm in diameter. Such an impression could be from a wooden pole or the rounded edge of a rock. Its provenience (E20/S86, Level 4; Unit IIIc) is shared with numerous hearth stones, and the inference that this is from a rock-lined hearth may be more likely than one suggesting that it is a piece of daub.

These pieces are few, small, dispersed in time and space, and not definitely identifiable as daub. Therefore, they do not independently support any interpretation of daubed architecture.

MUD DAUBER NESTS

Forty-one whole or fragmentary mud dauber nests were recovered from various areas and stratigraphic units in the site (Table A2-1). The majority are fragmentary, either having been damaged by excavation tools or having broken apart during or after excavation; some may have been fragmentary before excavation, but this is difficult to determine with certainty. All of them are of the same kind of nest, consisting of multichambered clusters in a roughly cylindrical or hemispherical grouping, characteristic of the genus *Sceliphron* (members of the *Sphecidae* family of solitary wasps) whose range includes Central Texas (Swann and Papp 1972:562-564).

Most of these are of medium hardness (barely resistant to scratching with the fingernail), a few are harder (completely resistant to scratching with the fingernail), and one is extremely hard (of ceramic-like hardness) (see Table A2-1). All of these medium, hard, and very hard specimens are yellowish tan to reddish in color and have every indication of having been heated. The remainder are soft enough to be scratched with the fingernail, are dark gray in color, and seem to be minimally altered by heat, if at all. The preservation of these latter is puzzling.

Dauber nests are constructed from damp, clay-rich mud and are moderately hard as soon as they dry. The question that arose in this study from the softer, dark-colored specimens was whether firing is necessary in the preservation of these objects; in other words, could their natural hardness and integrity result in preservation if they were rapidly buried intact? This would be possible only if they escaped the pervasive postdepositional disturbances documented for these deposits (see Chapters 6 and 29), particularly the actions of earthworms. The question becomes, are they too hard for the passage of worms? No answer is proposed from this study.

The presence of mud dauber nests in an open archaeological site can be explained in a limited number of ways, since the nests are only built in places sheltered from rain. If humans had no part in their introduction, the most probable explanation is that natural building sites existed in the site—under tree branches or inside hollow tree trunks or limbs being by far the most likely locations. If nests can be preserved without firing, all that would be required is for such nests to come to rest on the ground and become buried before melting; if firing is necessary, the limb or trunk would have to burn.

Humans might introduce nests inadvertently or purposefully. Inadvertent introduction could occur if nests were on or inside a piece of firewood, a circumstance favoring the firing of the nests. Another unintended way for humans to cause nests to occur in their sites is the building of houses that become artificial shelter for the dauber's nest. If such a structure burns, fired nests result (e.g., Webb 1959:27).

Purposeful introduction most likely would involve the collection of the nests for the purpose of extracting the dauber larvae as food. Wasp larvae being gathered and roasted for food has been recorded ethnographically among, for examples, the Paiute (Fowler 1989:61; Heizer 1954:7) and the Nisenan (Beals 1933:346-347).

At Wilson-Leonard, dauber nests are most common in upper Unit I and in Unit II, archaeologically the late Paleoindian components (see Table A2-1). Fewer examples were recovered from the subunits of Unit III. There are no concentrations in the Unit I or Unit III proveniences that suggest the presence of a temporary structure. There are, however, interesting concentrations in Unit II.

The first consists of four nests in Level 22 of Square E28/S78, the fine screen unit (see Table A2-1). Three others were found in adjacent squares E22/S76 and E22/S78, Levels

TABLE A2-1
Dauber Nests by Provenience and Observed Hardness

Unit	Square	Level	Hardness	Feature
Y/IIIc	E22/S88	9	Medium hard	79, Burned Rock Midden 1
IIIc	E20/S76	2	Medium hard	
IIIc,disturbed	E20/S96	3	Hard	Burned Rock Midden 1
IIIc	E20/S84	3	Very hard	
IIIc	15	4A	Hard	
IIIc	E20/S90	4	Hard	Burned Rock Midden 1
IIIc	E20/S76	7	Hard	
IIIc	E22/S88	8	Medium hard	Burned Rock Midden 1
?	T.P.3	9	Medium hard	
IIIb	E20/S82	12	Medium hard	21?
IIIa	E22/S84	16	Medium hard	
IIIa	39	22A	Soft; possibly not burned	231
IIIa	26	24	Hard	
X/Y	E22/S98	11	Medium hard	
X/II	E20/S86	20	Medium hard	
X/II/IIIa	E22/S86	16	Medium hard	
II/IIIa	E22/S78	19A	Hard	
II/IIIa	E22/S78	19B	Hard	
II/IIIa	E24/S76	20A	Soft; possibly not burned	
II	E22/S82	20	Medium hard	
II	E26/S72	21A	Medium hard	
II	E28/S78	22A	Medium hard	
II	E28/S78	22B	Soft; possibly not burned	
II	E28/S78	22B	Medium hard	
II	E28/S78	22B	Medium hard	
II	E22/S78	22A	Soft; possibly not burned	
II	E22/S78	23A	Soft; possibly not burned	
II	E22/S76	23A	Medium hard	
II	E24/S74	24B	Soft; possibly not burned	
II	E26/S76	24B	Medium hard	
II	E26/S76	25A	Medium hard	
II	E26/S72	26A	Medium hard	
II	39	34	Medium hard	
I	E2/N8	28A	Medium hard	
Id/II	E28/S78	25A	Medium hard	
Isi-c/II	12	28	Soft; possibly not burned	
Isi-c/Id	33	34	Medium hard	
Isi-c	E20/S74	27A	Soft; possibly not burned	
Isi-c	E26/S78	29B	Medium hard	
Isi/Isi-c	E20/S76	28B	Medium hard	
Igl/Isi	E22/S72	38A	Medium hard	

22 and 23 (see Table A2-1). Another possible spatial grouping includes one nest each from the same level of diagonally adjacent squares (E24/S74, Level 24B and E26/S76 Levels

24B and 25A; see Table A2-1). The possible cultural significance of these distributions is discussed in the interpretive chapters of Volume I.

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APPENDIX 3: HISTORIC ARTIFACTS

by Pamela Headrick

During the course of the TxDOT and TARL excavations, 118 artifacts were recovered that were assigned to the Historic period (Table A3-1). It is impossible to assign any of this material to a particular time or ascertain how it came to reside at this site. Generally, the artifacts are ones that would be expected to be discarded in a field (such as a rusted portion of a plow pin) or along a roadway over time. The three shards of purpled glass do indicate a manufacturing

date of pre-1920, but their deposition at the site is not indicative of any particular activity. None of the artifacts was identifiable as to manufacturer.

The most conclusive statement that can be made about this small assemblage is that people tend to discard items that have lost their usefulness in places where others have done the same. In other words, areas of refuse seem to be self-perpetuating (Schiffer 1987:62).

TABLE A3-1
Historic Artifacts Recovered by Square and Level

Square	Level	Lot	Item	No.	Description
E20/S86	6	10-F	Ceramic, ironstone	1	Interior and exterior green glaze, probably Fiestaware bowl from the 1930s-1940s
17	3	194-9	Ceramic, stoneware	1	White exterior, brown rippled interior, related to Lots 121 and 167
16	1	121	Ceramic, stoneware	1	Brown-green-cream exterior, brown interior glaze, alkaline, related to Lot 167
16	2	167	Ceramic, stoneware	1	White exterior, brown interior glaze, alkaline, related to Lot 121
58	47	2115	Flagging tape	1	
11	8	508	Glass, amber	1	Probably from modern beer bottle
17	1	110	Glass, amber	1	Very small shard, probably from beer bottle
100	2	1206	Glass, aqua	1	Very small triangular shard
16	1	111	Glass, aqua	4	Burned, from bottle
12	1	145	Glass, clear	2	From modern bottle
12	4	202	Glass, clear	2	Modern bottle
12	28	1209	Glass, clear	1	Very tiny shard
15	4A	235	Glass, clear	3	Two pieces may be window glass
18	9	371	Glass, clear	1	Very small undiagnostic shard
19	7	230	Glass, clear	2	Inconclusive, probably not window glass
19	10	487	Glass, clear	3	Modern bottle
20	24	1016	Glass, clear	1	Clear, very modern
21	5	175	Glass, clear	1	Very small shard
25	31	1377	Glass, clear	1	Slightly curved, bottle portion
E20/S100	1	1-A	Glass, clear	1	Neck ring from bottle, undiagnostic
17	1	110	Glass, clear	1	Very small shard from bottle
16	1	111	Glass, clear	6	Unburned from bottle, rather large
16	1	111	Glass, clear	6	Large bottle, looks smokey from slight burning
21	1	154	Glass, clear	1	From bottle, rather large but thin glass
13	2	163	Glass, clear	1	Maybe window glass
16	2	167	Glass, clear	1	Portion of scored base "W/#83 . . ."
12	2, 3	146	Glass, green	7	From modern bottle
17	1	110	Glass, green	16	Base and body shards, fluted or scored base, mold mark to base
16	1	111	Glass, green	5	From small bottle, burned
21	1	154	Glass, green	1	From bottle, rather large and thin
E20/S100	1	1-A	Glass, purpled	1	Nondiagnostic slightly purpled shard
E20/S86	1	10-A	Glass, purpled	1	Rim shard, no mold mark evident, pre 1920
E20/S84	1	11-A	Glass, purpled	1	Very small portion of a bottle neck
17	9	544	Metal	1	Unidentifiable
16	1	111	Metal	1	Flip top from soda or beer (pre 1980s)
16	2	167	Metal	1	Chisel
13	3	176	Metal	1	Copper electrical connector clamp with paper insert intact
16	1	111	Metal crown cap	1	
E20/S96	1	5-A	Metal plow pin	1	Rusted head of pin only
14	1	112	Metal wire	1	Barbed, rusted
11	6	405	Nail	1	Large finishing nail
39	22A	1156	Plaster	2	
12	13	661	Plastic	1	Hollow tube, white
46	39	1925	Plastic	1	Scored like turtle shell, very tiny, beige, see Lot 1723
38	14	583	Plastic	1	Small, opaque translucent white
39	48	2582	Plastic	1	Small, opaque translucent white

Table A3-1, *continued*

Square	Level	Lot	Item	No.	Description
46	36	1723	Plastic	2	Very tiny, scored, matches Lot 1925
56	44	2110	Plastic	1	Very tiny, white plastic, may be from bucket
T.P. A	2	105	Plastic	1	Probably Bakelite or plastic
11	9	534	String	1	Looks like dental floss tied in a loop at one end
33	30B/31B	1420	Wire	1	Associated with fishing
16	1	111	Wire mesh	1	Screen?
14	3	187	Wood	1	Unmodified chunk
26	25	1094	Wood	1	Sliver
30	20A	904	Wood	1	Small sliver
35	44	2659	Wood	1	Small knot
35	26A	1104	Wood	1	Small sliver
37	14	673	Wood	2	One piece looks burned
37	12A	557	Wood	1	Root fragment
46	24	1097	Wood	2	Twigs
46	54	2619	Wood	1	Large splinter
52	21	910	Wood	1	Small disk
53	19	873	Wood	3	
100	2	1206	Wood	2	Unmodified, small
T.P. B	1	297	Wood	1	Unmodified, twig?
Total:				118	

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APPENDIX 4: LOT NUMBER INDEX

TABLE A4-1
Lot Number Index for TxDOT Excavations

Lot	Grid Coordinates
0	surface
1	E20/S100
2	E22/S100
3	E20/S98
4	E22/S98
5	E20/S96
6	E20/S94
7	E20/S92
8	E20/S90
9	E20/S88
10	E20/S86
11	E20/S84
12	E20/S82
13	E20/S80
14	E20/S78
15	E20/S76
16	E20/S74
17	E20/S72
18	E22/S90
19	E22/S88
20	E22/S86
21	E22/S84
22	E22/S82
23	E22/S80
24	E22/S78
25	E22/S76
26	E22/S74
27	E22/S72
28	E24/S78
29	E24/S76
30	E24/S74
31	E24/S72
32	E26/S78
33	E26/S76
34	E26/S74
35	E26/S72
36	E40/S70
37	E28/S78
38	E18/S74
39	E18/S76
40	E18/S84
43	E18/S84
50	W0/N8
51	E2/N8
52	E24/S64
54	E24/S60
55	E26/S80
BU2	E20/S74
TP1	TEST PIT 1
TP2	TEST PIT 2
TP3	TEST PIT 3
TR?	TRENCH?
TR1	TRENCH 1
TR2	TRENCH 2

TABLE A4-2
Level Key for TxDOT Excavations

Letter	Level
A	1
B	2
C	3
D	4
E	5
F	6
G	7
H	8
I	9
J	10
K	11
L	12
M	13
N	14
O	15
P	16
Q	17
R	18
S	19
T	20
U	21
V	22
W	23
X	24
Y	25
Z	26
AA	27
BB	28
CC	29
DD	30
EE	31
FF	32
GG	33
HH	34
II	35
JJ	36
KK	37
LL	38
MM	39
NN	40
OO	41
PP	42
QQ	43
RR	44
SS	45
TT	46
UU	47
VV	48
WW	49
XX	50

TABLE A4-3
Lot Number Index for TARL Excavations

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
0	Surface		169	11	3	239	19	7
100	Surface		170	19	1	240	Test	wall
101	Surface		171	19	6	241	13	4
102	Surface		172	wall		242	20	8
103	Surface		173	38	21A	243	20	8
104	Test	1	174	Test	11	244	13	4
105	Test	2	175	21	5	245	13	4
106	Test	3	176	13	3	246	Test	14B
107	Test	4	177	Test	9	247	Test	17
108	Surface		178	13	3	248	20	8
109	Surface		179	22	4	249	20	8
110	17	1	180	20	6	250	20	8
111	16	1	181	Test	8	251	20	8
112	14	1	182	20	6	252	22	6
113	Test	5	183	22	5	253	21	6B
114	11	1	184	22	5	254	21	7A
115	20	1	185	21	6B	255	20	8
116	22	1	186	Test	10	256	11	4
117	Surface		187	14	3	257	11	4
118	Surface		188	18	8	258	17	4
119	17	4	189	20	7	259	13	4
120	16	4	190	20	7	260	21	7A
121	16	1	191	20	7	261	Test	15A
122	18	1	192	Test	13	262	19	8A
123	Test	6	193	14	3	263	19	8A
124	Test	6	194	17	3	264	17	4
125	Test	wall	195	18	8	265	17	4
126	13	1	196	Test	11	266	19	8A
127	44	wall	197	14	3	267	21	7A
128	16	4	198	20	7	268	17	4
129	15	6A	199	12	4	269	17	4
130	Test	7	200	14	3	270	Test	19
131	17	1	201	21	6B	271	Test	15B
132	Test	1	202	12	4	272	17	4
133	44	wall	203	20	7	273	17	4
134	23	wall	204	42	18	274	12	5
135	Surface		205	11	3	275	17	4
136	Test	2	206	11	3	276	17	4
137	27	18	207	21	6B	277	12	5
138	52	15B	208	22	5	278	16	4
139	52	16B	209	21	6A-B	279	Test	20
140	20	1	210	49	wall	280	17	4
141	22	1	211	22	5	281	17	4
142	22	1	212	Test	12	282	17	4
143	Test	3	213	Test	14	283	16	4
144	11	1	214	20	7	284	16	4
145	12	1	215	21	6B	285	Test	16A
146	12	2-3	216	14	3	286	22	7
147	14	2	217	15	3	287	19	8A
148	Surface		218	20	8	288	Test	16B
149	17	2	219	14	3	289	12	5
150	Test	8	220	14	3	290	17	4
151	17	2	221	14	3	291	17	4
152	Test	4	222	Test	13	292	17	4
153	19	1	223	15	3	293	17	4
154	21	1	224	Test	15	294	16	4
155	19	1	225	Test	12	295	16	4
156	12	2	226	22	6	296	16	4
157	Test	5	227	21	6B	297	Test	1
158	19	1	228	Test	18	298	22	7
159	18	1	229	14	3	299	Test	21
160	Test	6	230	19	7	300	17	4
161	15	2	231	11	4	301	20	8
162	11	2	232	Test	14A	302	20	8
163	13	2	233	22	6	303	Test	17A
164	Test	9	234	Test	16	304	22	7
165	Test	10	235	15	4A	305	Test	17B
166	Test	7	236	13	4	306	14	4
167	16	2	237	13	4	307	Test	22
168	16	3	238	13	4	308	17	4

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
310	17	4	383	21	7B	456	17	7A
311	17	4	384	11	3	457	16	6B
312	12	5	385	15	4B	458	21	8
313	Test	18	386	13	5	459	17	7A
314	16	4	387	15	5A	460	15	6A
315	16	4	388	18	9	461	15	6A
316	16	4	389	20	11A	462	17	8A
317	16	4	390	17	6	463	21	8
318	16	4	391	16	5	464	13	6
319	16	4	392	21	7B	465	14	6A
320	16	4	393	17	5	466	19	8B
321	16	4	394	18	9	467	19	9B
322	14	4	395	16	5	468	15	6A
323	11	5	396	16	5	469	19	9B
324	16	4	397	18	9	470	19	9B
325	16	4	398	15	5A	471	19	8B
326	21	7A	399	22	8	472	19	9B
327	13	5	400	13	5	473	20	12B
328	22	7	401	14	5	474	11	7
329	19	8A	402	18	9	475	15	6B
330	19	8A	403	16	5	476	15	6A
331	22	7	404	22	8B	477	15	6A
332	20	9	405	11	6	478	15	6A
333	11	5	406	12	6	479	19	9B
334	11	5	407	26	18	480	16	7A
335	11	5	408	14	6A	481	25	17
336	19	8A	409	11	6	482	11	7
337	13	5	410	11	6	483	11	7
338	Test	19	411	19	9A	484	21	8
339	22	7	412	18	10	485	38	21B
340	19	8A	413	14	6A	486	15	7
341	13	5	414	14	6A	487	19	10
342	0		415	16	5	488	14	7
343	19	8A	416	15	6A	489	20	13A
344	17	5	417	20	12A	490	13	7
345	20	9	418	16	5	491	21	9
346	20	9	419	15	5A	492	48	17
347	14	4	420	14	6A	493	21	9
348	Test	20	421	14	6B	494	13	8
349	13	5	422	11	6	495	21	9
350	17	5	423	0		496	19	10
351	16	4	424	11	6	497	12	7
352	13	5	425	16	5	498	12	7
353	19	8A	426	22	8	499	15	3
354	14	4	427	19	9A	500	15	3
355	17	5	428	22	8	501	52	24
356	17	5	429	18	10	502	17	7A
357	17	5	430	12	6	503	21	9
358	20	9	431	21	8	504	16	5
359	19	8A	432	19	9A	505	15	4A
360	Test	21	433	17	6	506	14	8
361	20	9	434	17	6	507	15	8
362	11	5	435	21	8	508	11	8
363	11	5	436	17		509	38	9
364	11	5	437	17	6	510	20	13B
365	19	9A	438	21	7B	511	16	8
366	19	8A	439	20	11B	512	14	9
367	21	7B	440	20	12B	513	19	11
368	14	5	441	14	6B	514	16	7B
369	Test	22	442	21	9	515	38	10
370	13	5	443	Test	91.7	516	19	11
371	18	9	444	Test	91.9	517	19	11
372	20	10	445	Test	92.0	518	13	9
373	13	5	446	Test	92.4	519	38	10
374	15	4B	447	13	6	520	37	10
375	14	5	448	16	6A	521	22	9A
376	13	5	449	20	11-1	522	21	10
377	14	5	450	19	9B	523	20	13C
378	18	9	451	16	6B	524	22	9A
379	18	9	452	16	6B	525	11	8
380	20	10	453	12	5	526	15	9
381	21	7B	454	17	7A	527	38	11

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
528	20	13B	601	22	11	674	22	13
529	21	10	602	18	11	675	22	14
530	16	9	603	20	18	676	17	12
531	20	14	604	12	11B	677	17	6
532	37	11	605	26	29	678	27	14
533	12	8	606	12	11B	679	15	wall
534	11	9	607	18	12	680	17	12
535	38	12A	608	14	15	681	12	wall
536	17	8B	609	16	10B	682	33	16
537	14	10	610	22	12A	683	32	14
538	22	10A	611	11	12	684	12	14
539	11	9	612	37	13A	685	16	13
540	12	9	613	12	12B	686	30	14
541	12	9	614	12	12A	687	17	12
542	15	10	615	14	15	688	33	16
543	13	10A	616	20	16B	689	33	16
544	17	9	617	21	12	690	17	12
545	20	15	618	19	9A	691	16	13
546	20	15	619	19	9A	692	37	15
547	20	15	620	20	13B	693	34	16
548	20	13B	621	17	9	694	37	15
549	15	11	622	17	10	695	33	17A
550	38	13A	623	37	13A	696	52	14
551	14	11	624	14	15	697	25	14
552	11	10	625	17	10	698	27	15
553	52	24	626	19	12	699	33	17B
554	16	10A	627	18	12	700	26	15
555	21	11	628	13	12A	701	28	15
556	12	10	629	21	14	702	32	15
557	37	12A	630	18	12	703	17	13
558	22	9B	631	11	12	704	16	13
559	47	27	632	37	13A	705	25	14
560	13	10B	633	13	12A	706	30	14
561	14	12	634	37	13B	707	0	
562	20	16A	635	14	16	708	30	14
563	13	11A	636	37	13B	709	35	14
564	11	10	637	11	12	710	20	19
565	11	10	638	37	13B	711	52	15A
566	22	10B	639	38	16	712	33	17B
567	20	14	640	15	14	713	12	15
568	15	12	641	13	12B	714	26	16
569	21	11	642	15	14	715	27	16
570	11	11	643	21	14	716	30	15
571	38	13B	644	22	13	717	32	16
572	22	11	645	14	16	718	25	14
573	16	10A	646	17	11	719	25	14
574	14	13	647	17	11	720	52	15A
575	11	5	648	21	14	721	35	wall
576	17	7B	649	21	14	722	39	15A
577	38	12B	650	22	7-10	723	38	9
578	12	11A	651	16	12A	724	25	15
579	27	29A	652	17	11	725	17	13
580	16	11A	653	18	13	726	17	13
581	16	11B	654	19	13	727	39	15&
582	20	17	655	13	13	728	25	15
583	38	14	656	13	12A	729	28	16
584	21	12	657	27		730	39	15&
585	38	14	658	11	13	731	30	15
586	13	11B	659	13	13	732	17	13
587	21	12	660	15	5A	733	52	15A
588	37	12B	661	12	13	734	27	16
589	18	11	662	18	14	735	26	16
590	14	14	663	19	14A	736	45*	13-1
591	11	11	664	17	11	737	34	17
592	37	13A	665	17	11	738	47	15-1
593	38	15	666	22	13	739	25	15
594	21	13	667	38	17A	740	39	15A
595	17	10	668	16	12B	741	49	16
596	15	13	669	16	12B	742	12	16
597	17	10	670	22	13	743	32	17
598	21	13	671	22	12B	744	30	16
599	20	18	672	34	15	745	30	16
600	15	12	673	37	14	746	52	16A

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
747	30	16	820	30	17	893	37	19
748	25	16	821	30	17	894	35	20
749	27	17	822	43	20	895	45	20
750	34	17	823	25	18	896	39	20
751	34	17	824	46	19	897	26	22
752	26	17	825	37	17A	898	47	20B
753	28	17	826	39	16A	899	53	20
754	48	17	827	27	29A	900	39	20
755	32	17	828	35	17A	901	35	20
756	35	15	829	47	18	902	33	17B
757	39	15C	830	30	29B	903	47	21
758	25	16	831	28	19	904	30	20A
759	25	16	832	51	17	905	27	21
760	44	17	833	28	19	906	41	20
761	49	17	834	39	16A	907	39	20
762	27	17	835	26	20	908	32	20A
763	12	17	836	42	20	909	25	21
764	42	17	837	48	18	910	52	21
765	30	17	838	45	18	911	46	21A
766	39	15C	839	26	20	912	33	19
767	37	16A	840	26	20	913	30	20B
768	43	17	841	30	18	914	12	20B
769	39	15C	842	37	16B	915	32	20B
770	52	16A	843	34	18	916	26	22
771	47	17	844	35	18	917	48	19
772	32	18	845	34	19A	918	12	20B
773	46	17	846	37	17	919	38	19
774	52	15B	847	45	18	920	50	19
775	52	16B	848	25	19	921	52	21
776	26	17	849	35	18	922	32	21
777	28	17	850	52	19	923	41	21
778	37	16A	851	37	16B	924	25	22
779	46	Over	852	37	18	925	46	21B
780	25	16	853	12	19	926	30	20B
781	28	27B	854	50	17	927	45	21
782	12	15	855	26	21	928	42	22
783	17	13	856	42	21	929	12	21
784	39	15B	857	39	16A	930	47	22
785	34	18	858	46	19	931	37	20
786	47	14	859	12	19	932	32	22
787	0		860	52	19	933	30	21A
788	44	18	861	39	18	934	46	22
789	28	18	862	30	19	935	12	21
790	12	18	863	32	19	936	37	20
791	46	18	864	49	19	937	37	20
792	35	15	865	27	20	938	26	24
793	52	15B	866	35	19	939	43	21
794	52	15B	867	30	19	940	38	19
795	43	18	868	26	21	941	30	21B
796	27	19	869	37	18	942	51	19
797	51	16	870	30	19	943	47	23
798	27	19	871	25	20	944	43	21
799	34	18	872	34	19B	945	12	22
800	25	17	873	53	19	946	53	21
801	34	18	874	39	19	947	42	24
802	45	17	875	47	19	948	30	21B
803	35	16	876	46	20A-	949	46	23
804	32	18	877	52	20	950	52	22
805	25	17	878	47	20A	951	32	23
806	35	16	879	45	19	952	27	22
807	52	17	880	37	18	953	26	24
808	35	16	881	34	19B	954	27	22
809	42	19	882	32	19	955	52	22
810	26	19	883	47	19	956	52	22
811	45	17	884	50	18	957	41	22
812	50	16	885	28	20	958	45	22
813	35	16	886	39	19	959	27	22
814	30	18	887	27	21	960	46	23
815	49	18	888	12	20A	961	27	22
816	38	17B	889	45	19	962	30	22A
817	43	19	890	27	21	963	38	20
818	44	19	891	52	20	964	47	24
819	52	17	892	12	20A	965	50	20

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
966	35	20	103	30	25	111	38	21A
967	45	22	103	12	25	111	52	23
968	37	20	104	25	25	111	46	25
969	26	24	104	35	22	111	33	24
970	12	23	104	12	26	111	35	22
970	12	23-2	104	12	26-2	111	34	21
971	35	20	104	48	21	111	26	25
972	44	20	104	44	21	111	28	22
973	32	24	104	33	23	111	52	23
974	33	20	104	27	24	111	35	22
975	50	20	104	35	22	112	35	22
976	30	22A	104	30	25	112	30	26
977	52	22	104	51	20	112	52	23
978	25	24	105	35	22	112	25	26
979	28	21	105	20	24	112	35	22
980	33	20	105	27	24	112	50	21
981	32	24	105	35	22	112	38	21B
982	12	23	105	44	22	112	34	21
983	47	25	105	27	24	112	28	22
984	32	25	105	48	22	112	43	24
985	34	20	105	Test		113	41	25
986	52	22	105	45	24	113	46	25
987	34	20	105	51	20	113	49	21
988	30	22B	106	35	22	113	33	25
989	34	20	106	32	27	113	46	26
990	34	20	106	48	27	113	39	21A
991	48	20	106	38	22	113	37	22
992	27	22	106	38	22	113	48	24
993	52	22	106	38	22	113	52	23
994	12	24	106	30	28	113	38	21A
995	33	21	106	30	28	114	26	25
996	35	21	106	39	22A	114	45	27
997	30	21B	106	38	22	114	39	21A
998	30	22B	107	30	28	114	49	22
999	41	27	107	49	26	114	20	25A
100	12	24	107	50	22	114	20	25A-
100	35	21	107	42	27	114	20	25B
100	38	21B	107	39	22B	114	38	21A
100	33	21	107	39	22B	114	37	22
100	47	26	107	37	22	114	48	24
100	48	21	107	37	22	114	30	27
100	43	22	107	39	22B	114	46	26
100	32	26	107	44	21	115	39	22A
100	39	21A	108	44	22	115	53	23
100	45	23	108	27	24	115	41	26
101	37	21	108	33	23	115	26	26
101	43	22	108	35	22	115	30	27
101	20	19	108	20	24	115	45	28
101	20	19	108	27	24	115	39	22A
101	39	21A	108	35	22	115	48	25
101	39	21A	108	12	26	115	46	27A
101	20	24	108	50	21	115	37	22
101	37	21	108	46	24	116	51	21
101	53	22	109	48	22	116	25	26
101	20	24	109	27	24	116	34	22
102	12	25	109	45	25	116	46	27A
102	49	20	109	12	27	116	46	27A
102	30	23	109	26	25	116	53	23
102	33	22	109	48	23	116	48	26
102	30	23	109	42	26	116	20	25B
102	28	22	109	46	24	116	26	26
102	37	21	109	52	23	116	26	26
102	27	24-2	109	33	24	117	26	26
102	27	24	110	50	21	117	34	22
102	30	24	110	38	21A	117	34	22
103	39	21A	110	27	24	117	39	21B
103	39	21A	110	32	20A	117	37	22
103	27	24	110	35	26A	117	34	22
103	41	24	110	45	26	117	46	28B
103	51	22	110	16	6B	117	33	26
103	39	21A	110	35	22	117	34	22
103	52	24	110	38	21A	117	26	26
103	30	24	110	27	24	118	26	26

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
118	48	27	125	12	29	132	39	23
118	26	26	125	12	30	132	12	32
118	47	27	125	20	27	132	100	5
118	46	28A	125	20	27	133	32	32
118	20	25B	125	12	30	133	30	33B
118	20	25B	125	32	29B	133	39	23
118	20	25B	126	26	28	133	30	33B
118	51	22	126	27	25	133	32	32
118	46	28B	126	41	29	133	25	30
119	46	27B	126	32	29A	133	48	30B
119	27	24	126	48	29	133	46	32
119	38	22	126	100	3	133	32	32
119	30	29	126	100	3	133	12	32
119	20	26B	126	34	23B	134	30	34A
119	20	26B	126	26	28	134	37	23
119	25	27	126	32	29B	134	50	23
119	100	1	127	25	29	134	50	23
119	33	27	127	26	28	134	12	32
119	26	27	127	32	29B	134	37	23
120	30	30	127	37	22	134	34	25A
120	46	28A	127	12	31	134	37	23
120	25	27	127	52	23	134	30	34A
120	35	22	127	46	30	134	100	6
120	35	22	127	39	22B	135	35	24
120	35	22	127	49	24	135	37	23
120	100	2	127	52	23	135	51	23
120	46	29	128	27	26	135	100	6
120	48	28	128	34	24	135	38	23
120	12	28	128	52	46	135	30	39
121	12	28	128	59	44	135	37	23
121	20	26A	128	28	25	135	33	30A
121	100	2	128	46	34	135	39	23
121	32	28A	128	47	29	135	39	23
121	12	28	128	45	29	136	42	29
121	33	28	128	46	30	136	30	33B
121	41	28	128	27	26	136	26	29
121	30	31B	129	46	20A	136	34	25A
121	47	28	129	32	30	136	33	29
121	100	2	129	34	24	136	34	25A
122	100	2	129	25	33	136	34	25A
122	49	23	129	30	33A	136	30	34B
122	100	2	129	100	4	136	34	25A
122	32	28A	129	48	29	136	27	27A
122	100	2	129	48	29	137	30	33B
122	13	11B	129	48	29	137	34	25A
122	35	23	129	32	30	137	39	23
122	12	28	130	35	24	137	100	7
122	30	31	130	30	33B	137	38	23
122	32	28A	130	30	33B	137	38	23
123	20	26B	130	48	30A	137	27	27A
123	33	29	130	34	24	137	25	31
123	32	28B	130	32	31	137	26	29
123	35	23	130	35	24	137	32	33
123	32	28B	130	27	26	138	27	27A
123	35	23	130	100	5	138	32	33
123	25	28	130	34	24	138	34	25B
123	12	29	131	12	31	138	48	31A
123	20	26A	131	27	26	138	100	7
123	32	28B	131	35	24	138	30	34B
124	35	23	131	45*	31	138	38	23
124	20	26A	131	30	33A	138	46	33
124	32	28B	131	100	5	138	12	33
124	34	23A	131	25	30	138	20	28
124	20	26A	131	32	32	139	48	31A
124	34	23A	131	46	31	139	32	33
124	100	2	131	43	26	139	25	31
124	42	28	132	39	23	139	12	33
124	43	25	132	46	31	139	49	26
124	30	32	132	46	31	139	27	27A
125	30	32	132	39	23	139	12	33
125	20	27	132	28	22	139	12	33-3
125	32	29A	132	44	22	139	32	33
125	32	29A	132	100	5	139	35	25

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
139	43	27	147	49	28	154	48	32
140	22	14	147	34	27B	154	35	28
140	32	34	147	37	24A	154	52	25A
140	100	7	147	20	30	154	52	25B
140	35	25	147	35	27	154	30	37
140	33	30A	147	37	24A	155	100	10
140	43	28	147	35	27	155	34	29
140	43	28	147	37	24A	155	37	25
140	33	31A	148	37	24A	155	44	25
140	33	30A	148	44	24	155	20	31
140	27	27B	148	32	35	155	20	31
141	32	28B	148	37	24A	155	48	32
141	25	32	148	37	24A	155	52	25B
141	43	28	148	34	27B	155	44	25
141	48	31B	148	44	24	155	48	32
141	33	31A	148	30	36	156	100	10
141	12	33	148	28	24	156	37	25
141	20	29A	148			156	35	28
141	30	35	149	52	24	156	100	10
141	27	28A	149	35	27	156	35	28
141	26	30	149	25	33	156	48	33
142	33	30B	149	30	36	156	39	25
142	34	26A	149	48	31B	156	44	25
142	100	8	149	37	24A	156	50	24B
142	100	8	149	48	31B	156	49	30
142	27	28B	149	48	31B	157	48	32
142	30	35	149	25	33	157	37	26
142	30	35	149	37	24A	157	26	29
142	49	27	150	26	32	157	35	28
142	12	34	150	100	9	157	33	32
142	37	23	150	100	9	157	39	25
143	34	26B	150	49	29	157	27	28A
143	33	30B	150	28	24	157	28	25
143	35	26B	150	100	9	157	52	25A
143	27	28B	150	26	32	157	28	25
143	Unknown	Unkn	150	14	8	158	39	25
143	25	33	150	15	8	158	33	32
143	33	30B	150	11	8	158	52	25B
143	33	30B	151	14	9	158	52	25B
143	26	30	151	38	10	158	27	29A
143	20	29A	151	15	9	158	25	34
144	46	35	151	20	14	158	25	34
144	46	35	151	11	9	158	28	25
144	34	26B	151	38	12A	158	52	25B
144	46	35	151	32	35	158	50	24B
144	47	35	151	25	33	159	52	25B
144	47	35	151	37	24A	159	49	30
144	34	27A	151	25	33	159	33	32
144	27	28A	152	37	24A	159	50	24A
144	35	26B	152	25	33A	159	50	24A
144	47	35	152	37	24B	159	39	25
145	47	35	152	25	33	159	50	24A
145	26	31	152	37	25	159	30	38
145	20	29B	152	33	31B	159	25	34
145	47	35	152	39	24	159	52	25B
145	46	35	152	39	24	160	20	32
145	52	24	152	37	25	160	30	39
145	27	28A	152	39	24	160	20	32
145	17	7A	153	25	33B	160	27	29A
145	27	28B	153	34	28	160	28	25
145	52	24	153	12	35	160	28	25
146	53	24	153	33	31B	160	100	10
146	52	24	153	32	35	160	30	41
146	52	24	153	33	31B	160	28	27A
146	35	27	153	33	31B	160	34	31B
146	52	24	153	20	31	161	27	29A-
146	48	31B	153	37	25	161	20	35
146	34	27A	153	12	35	161	20&12	35
146	26	31	154	35	28	161	34	31C
146	27	29A	154	37	25	161	35	31B
146	12	35	154	34	29	161	35	32
147	44	24	154	53	25	161	12	36
147	32	35	154	n/a		161	12	36

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
161	27	30A	169	35	30B	176	37	27
161	26	35	169	52	28A	176	28	24-2
161	25	36	169	32	36	176	49	31B
162	37/32	27&	169	32	36	176	44	27
162	37/32	27&	169	32	36	176	27	27B-
162	49	31A	169	52	31	176	28	27A
162	27	30B	169	51	28A	176	49	31B
162	34/49	32B	169	34	31A	177	52	25B
162	28	27B	169	35	30A	177	20	34
162	50	28	169	35	31A	177	33	34
162	28	27A	170	52	28B	177	33	34
162	37	28	170	50	26A	177	28	28A
162	26	36	170	52	28B	177	28	28A
163	50	28	170	20	33	177	28	28A
163	46	37	170	32	37B	177	52	25
163	46	37	170	50	27B	177	33	34
163	37	28	170	50	27C	177	28	28B
163	25	37	170	53	28	178	52	25
163	28	27B	170	42	34	178	33	34
163	28	27B	170	42	35	178	33	34
163	28	27B	171	42	36	178	33	34
163	34	32B	171	50	27B	178	20	36
163	28	28A	171	35	30B	178	49	32A
164	43	29	171	50	27A	178	34	32A
164	20	35	171	28	26	178	37	28
164	33	34	171	25	35	178	28	28A
164	48	33	171	26	34	178	52	25
164	43	30	171	28	26	179	27	32
164	28	28C	171	34	31B	179	41	37
164	34	32B	171	46	36	179	20	36
164	43	29	172	46	36	179	37	29
164	52	24	172	46	36	179	37	29
164	35	29	172	34	32B	179	37	29
165	53	26B	172	46	36	179	27	32
165	44	26	172	50	27A	179	46	37
165	53	26B	172	28	26	179	28	28B
165	45	39	172	28	26	179	20	36
165	52	26B	172	28	26	180	44	28B
165	28	26	172	20	34	180	50	30B
165	20	32	172	35	31B	180	27	32
165	33	33	173	25	36	180	50	29
165	28	26	173	25	36	180	34/49	32B
165	26	33	173	35	30A	180	34	
166	20	32	173	50	27A	180	32	38
166	52	27	173	25	36	180	46	37
166	28	26	173	25	36	180	34	32B
166	37	24A	173	50	28A	180	27	31
166	30	39	173	32	37B	181	35	33
166	33	33	173	32	37A	181	41	38
166	34	30	173	26	34	181	41	38
166	26	33	174	30	40	181	20	36
166	100	11	174	52	28A	181	26	37
166	53	26A	174	52	28B	181	32	39
167	50	25A	174	35	31A	181	32	39
167	50	25B	174	52	25B	181	50	30A
167	28	26	174	50	27A	181	12	37
167	34	31C	174	32	37A	181	33	34
167	34	31B	174	32	37A	182	20	37
167	34	31A	174	30	41	182	26	37
167	50	26B	174	30	41	182	37	29
167	20	33	175	35	31A	182	37	29
167	52	26A	175	28	27A	182	44	28A
167	50	26B	175	44	27	182	50	30B
168	34	31C	175	20	34	182	52	26A
168	34	31A	175	20	34	182	50	30A
168	34	31A	175	52	25A	182	52	26C
168	53	27	175	34	31C	182	52	26B
168	52	27	175	37	27	183	52	26C
168	35	29	175	12	36	183	52	26B
168	50	26C	175	12	36	183	37	30
168	50	26C	176	30	41	183	54	46
168	50	26C	176	12	36	183	54	47
168	32	36	176	28	27A	183	27	32

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
183	25	38	190	57	35	198	35	36
183	30	42	191	39	27	198	58	42
183	Surface		191	39	27	198	52	30
183	28	29C	191	39	27	198	58	42
184	50	31B	191	39	27	198	28	26
184	49	33	191	57	36	198	20	40
184	53	29B	191	55	41	198	28	26
184	26	39	191	58	40	198	56	40
184	32	39	191	57	36	199	56	40
184	46	38	191	56	37	199	57	38
184	46	38	191	25	39	199	26	40
184	46	38	192	56	38	199	58	43
184	34	33	192	55	41	199	27	34
184	53	29A	192	35	34	199	35	37
185	34	33	192	37	33	199	20	41
185	46	38	192	35	34	199	39	30
185	50	31B	192	46	39	199	56	40
185	50	31A	192	56	38	199	56	40
185	49	33	192	58	40	200	56	40
185	44	29A	192	55	42B	200	35	37
185	32	40	192	52	29	200	28	26
185	46	38	193	51	24	200	51	27B
185	46	38	193	56	38	200	38	27
185	39	26	193	56	38	200	38	27
186	37	31	193	35	34	200	51	27A
186	39	26	193	12	39B	200	51	27B
186	52	27	193	12	39A	200	28	26
186	52	27	193	20	39	200	28	26
186	41	39	193	26	39	201	20	41
186	41	39	193	55	42	201	20	41
186	52	29B	193	56	39	201	38	27
186	52	29B	194	57	37	201	57	38
186	12	38	194	56	38	201	12	6
186	30	43	194	35	35	201	27	35
187	52	27B	194	57	37	201	26	41
187	57	34	194	57	37	201	52	31
187	52*	29	194	20	39	201	39	31
187	52	29A	194	20	39	201	26	41
187	50	32	194	56	39	202	35	38
187	52	29B	194	56	39	202	56	41
187	33	35	194	39	28	202	57	38
187	50	32B	195	51	25B	202	39	32
187	52	27A	195	38	24B-	202	28	26
187	26	38	195	38	25A	202	56	41
188	39	26	195	39	28-2	202	51	28A
188	52	29B	195	57	37	202	20	42
188	57	34	195	51	25	202	58	44
188	33	35	195	35	35	202	57	39
188	33	35	195	28	24	203	57	38
188	37	32	195	52	30	203	39	31
188	26	38	195	58	41	203	38	28
188	26	38	196	26	40	203	57	39
188	20	38	196	38	24A	203	51	28B
188	33	35	196	56	39	203	39	32
189	28	29A	196	20	40	203	26	42
189	25	39	196	38	25A	203	12	41
189	54	44	196	38	26B	203	51	27B
189	52	28	196	28	25	203	52	32
189	28	29B	196	28	25	204	54	49
189	54	45	196	28	25	204	39	32
189	50	32A	196	12	40	204	39	32
189	37	32	197	54	48	204	51	29B
189	44*	29B	197	51	26	204	39	32
189	28	30A	197	38	26A	204	35	39
190	20	30B	197	38	26A	204	56	42
190	39	27	197	39	29-3	204	55	43B
190	27	33	197	28	25	204	57	39
190	56	36	197	35	36	204	28	31
190	57	35	197	35	36	205	28	31
190	56	36	197	28	25	205	38	29
190	56	36	197	56	40	205	26	43
190	52	28	198	39	29	205	28	31
190	27	33	198	39	29	205	57	39

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
205	51	30B	212	27	38	220	28	40
205	35	39	212	Unknow	Unkn	220	28	40
205	35	40	213	28	32	220	38	24
205	57	39	213	20	45	220	27	45
205	55	43B	213	59	37	220	27	45
206	51	29B	213	35	43	220	27	46
206	38	29	213	35	43	220	52	39
206	51	29A	213	52	36	220	52	39
206	51	30A	213	59	38	220	52	39
206	51	30B	213	12	44	221	51	24
206	38	30	213	52	36B	221	52	39
206	58	45	213	58	48	221	28	42
206	12	42	214	58	48	221	38	25A
206	57	39	214	57	46	221	53	38B
206	51	31A	214	57	46	221	53	38B
207	51	31B	214	26	46	221	28	42B
207	28	31B	214	28	32	221	53	38B
207	51	31B	214	56	45	221	38	25B
207	28	31A	214	56	45	221	53	39B
207	35	40	214	101	21	222	53	39B
207	26	43	214	56	45	222	53	39B
207	101	12	214	46	43	222	53	39
207	28	27B	215	59	39	222	53	39B
207	51	31A	215	58	49	222	52	40
207	51	31B	215	28	33	222	59	46
208	52	33	215	43		222	59	46
208	57	40	215	28	33	222	20	52
208	56	43	215	57	48	222	28	44
208	101	12	215	56	46	222	35	47
208	59	34	215	52	37	223	59	49
208	12	43	215	56	46	223	35	48
208	28	28	215	58	49	223	28	47
208	35	41	216	58	49	223	28	47
208	39	33	216	28	34	223	35	47
208	58	46	216	20	45	223	35	49
209	57	40	216	28	49	223	20	53
209	28	27B	216	12	45	223	28	48
209	56	43	216	12	6	223	28	48
209	56	43	216	12	39A	223	28	48
209	39	33	216	21	7	224	20	53
209	28	28	216	12	37	224	20	53
209	101	15	216	12	37	224	28	50
209	56	43	217	22	11	224	51	26
209	59	35	217	18	11	224	39	42
209	20	43	217	12	11A	224	28	51
210	57	41	217	39	21A	224	28	51
210	56	43	217	46	28A	224	27	50
210	28	29	217	49	25	224	27	50
210	59	35	217	15	10	224	28	52
210	52	34	217	15	11	225	38	26C
210	39	34	217	15	11	225	38	26C
210	27	37	217	13	10B	225	28	52
210	28	30A	218	13	11A	225	20	48
210	59	36	218	11	11	225	46	47
210	46	40	218	14	12	225	38	24
211	56	44	218	22	8-10	225	12	46
211	46	41	218	38	15	225	20	46
211	39	34	218	22	12A	225	39	36B-
211	101	14	218	22	12A	225	38	24
211	20	44	218	20	36	226	38	24
211	58	47	218	28	34	226	W of 27	43
211	58	47	218	39	38	226	38	24
211	46	42B	219	28	33	226	W of 27	44
211	35	42	219	28	35	226	39	38A
211	28	31A	219	39	37	226	27	45
212	28	30B	219	28	37	226	26	47
212	28	30A	219	28	37	226	28	36
212	39	35	219	27	43	226	28	35
212	28	31B	219	59	42B	226	59	41
212	28	31A	219	59	42B	227	56	47
212	54	53	219	59	42B	227	56	49
212	20	45	219	28	39	227	59	42A
212	35	42	220	28	39	227	26	48

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
227	28	33	234	53	47	242	12	65
227	39	36	234	52	46-4	242	28	48
227	39	36A	234	53	47	242	52	42B
227	39	36B	235	0		242	20	53
227	59	40	235	53	39B	242	20	53
227	56	47	235	53	39B	242	35	50
228	56	48	235	59	47	242	35	49
228	42	48	235	20	52	242	35	50
228	55	47	235	20	52	242	52	43
228	28	37	235	20	51	242	28	49
228	27	39	235	20	52	243	20	27
228	20	49	235	38	25C	243	39	42
228	38	24	235	20	52	243	38	25C
228	51	24	236	51	25	243	38	26B
228	39	38B	236	35	47	243	52	42B
228	59	42B	236	55	50	243	27	50
229	57	49	236	12	52	243	27	50
229	101	22	236	28	44	243	27	50
229	51	24	236	28	45	243	27	50
229	44	41	236	28	45	243	20	54B
229	28	41	236	59	49	244	38	26C
229	56	49	236	28	45	244	54	53
229	20	49	236	52	41	244	50	20
229	44	40	237	35	48	244	38	26B
229	52	38	237	20	52	244	35	53
229	27	48	237	59	50	244	27	51B
230	20	47	237	27	51B	244	Unknow	Unkn
230	12	47	237	59	43	244	26	51
230	28	42	237	38	25A	244	35	54
230	27	49	237	35	46	244	51	27C
230	20	52	237	12	53	245	20	55A
230	27	49	237	28	46	245	27	51B
230	46	48	237	38	25C	245	20	55A
230	12	48	238	35	48	245	27	51B
230	28	42B	238	35	48	245	27	51B
230	28	42A	238	52	42	245	51	27B
231	28	42B	238	59	51	245	51	27C
231	20	53	238	59	51	245	27	51B
231	12	49	238	59	51	245	52	44
231	59	44	238	20	53	245	39	41
231	43	47	238	59	51	246	28	44
231	38	24	238	59	51	246	27	51B
231	59	45	238	59	51	246	20	56A
231	59	45	239	Test		246	27	52B
231	20	50	239	35	48	246	38	30
231	20	50	239	Test		246	38	25A
232	44	41	239	20	53	246	38	27B
232	28	25	239	20	53	246	52	45
232	51	26	239	20	53	246	52	46
232	Test		239	12	54	246	27	52B
232	Test		239	52	42	247	52	46
232	Test		239	52	42	247	20	55B
232	12	33	239	20	53	247	52	46
232	12	32	240	20	53	247	52	46
232	12	30	240	20	53	247	28	47
232	12	28	240	16	6B	247	20	53
233	57	38	240	16	6B	247	52	46
233	57	38	240	20	54A	247	28	52
233	57	38	240	12	55	247	28	52
233	57	38	240	52	42B	247	28	52
233	57	38	240	12	56	248	26	51
233	57	38	240	12	57	248	26	51
233	57	38	240	12	58	248	26	51
233	57	38	241	12	59	248	26	51
233	28	41	241	20	55B	248	26	51
233	38	25B	241	12	60	248	26	51
234	52	46	241	12	61	248	26	51
234	38	25B	241	12	62	248	52	47
234	12	50	241	20	56B	248	27	53
234	20	50	241	12	63	248	51	28B
234	20	51	241	20	57	249	51	28D
234	44	47	241	12	64	249	51	28C
234	12	48	241	20	58	249	59	52

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
249	59	52	256	52	50	263	55	50
249	59	52	256	39	47	264	59	44
249	59	52	256	59	53	264	56	50
249	39	45	256	26	53	264	27	36
249	51	28C	257	26	53	264	0	
249	51	28C	257	26	53	264	26	55
249	51	28D	257	26	53	264	27	57
250	52	48	257	27	55A	264	57	42
250	12	69	257	26	53	264	27	56C
250	28	53	257	52	51	264	59	55
250	59	52	257	52	52	264	20	68
250	51	28A	257	52	52	265	52	54
250	52	47	257	52	52	265	101	15
250	27	53	257	52	52	265	27	41
250	20	59	258	52	52	265	28	38
250	59	52	258	51	28E	265	59	55
250	26	52	258	39	48	265	56	47
251	26	52	258	35	53	265	56	46
251	26	52	258	57	53	265	27	58
251	26	52	258	28	50	265	27	37
251	27	54B	258	52	52	265	35	44
251	26	53	258	28	54A	266	26	46
251	26	53	258	28	52	266	27	59
251	26	52	258	26	50	266	26	47
251	52	49	259	39	44	266	27	40
251	52	49	259	28	51	266	26	58
251	20	60	259	27	50	266	28	58
252	38	28A	259	28	48	266	53	52
252	12	66	259	52	43	266	53	52
252	38*	28B	259	35	50	266	43	51
252	39	46	259	46	53	266	53	51
252	52	49	259	28	50	267	53	52
252	59	53	259	28	54B	267	42	51
252	27	54B	259	52	53	267	42	51
252	20	61	260	52	53	267	26	56
252	12	67	260	46	46	267	26	60
252	59	53	260	26	49	267	44	51
253	52	50	260	27	45	267	42	51
253	52	50	260	58	49	267	27	60
253	27	54A	260	27	39	267	44	51
253	38*	28A	260	59	38	267	44	51
253	27	53B	260	57	46	268	28	59
253	27	51B	260	46	42A	268	43	52
253	53	41	260	101	20	268	43	52
253	52	29	261	55	46	268	35	46
253	27	51B	261	59	37	268	27	39
253	27	52B	261	56	48	268	44	52
254	38	27A	261	52	36	268	57	44
254	57	37-3	261	55	54	268	28	60
254	12	51	261	39	43	268	101	18
254	51	22-2	261	54	54	268	Test	
254	100	6-11	261	56	54	269	43	52
254	20	62	261	52	46	269	39	55
254	12	68	261	46	54	269	35	41
254	20	63	262	57	54	269	59	39
254	20	64	262	27	52	269	42	53A
254	20	65	262	27	52A	269	60	56
255	20	66	262	56	53	269	43	53A
255	20	67	262	27	51	269	60	56
255	20	68	262	27	51A	269	52	58
255	20	69	262	28	46	269	43	54A
255	20	70	262	59	50	270	46	45
255	20	71	262	101	28	270	58	54A
255	20	72	262	101	26	270	42	54A
255	20	73	263	28	45	270	58	55
255	39	46	263	59	49	270	43	54A
255	52	44	263	59	48	270	42	53A
256	56	52	263	27	49	270	44	53
256	55	53	263	59	47	270	43	53B
256	46	52	263	52	41	270	44	54A
256	35	54	263	35	47	270	52	57
256	51	28B	263	46	49	271	0	
256	52	49	263	52	40	271	51	26

Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel	Lot	Square	Level/Sublevel
271	12		278	Unknown	39-4	285	101	13
271	35		278	35	43	285	53	53
271	25		278	43	56A	286	53	55
271	35		278	53	51	286	26	59B
271	58		278	28	39	286	58	53
271	25*		279	42	55	286	44	52
271	Test		279	44	56	286	53	54
271	Test		279	39	38A	286	52	56
272	Test		279	44	55B	286	52	24
272	27	53	279	52	37	286	55	52
272	28	52-5	279	101	19	286	57	52
272	28	49	279	46	48	286	52	59
272	50	27B	279	57	45	287	43	55C
272	20	52	279	27	46	287	44	56C
272	Unknown		279	55	48	287	42	57
272	101	27	280	27	38	287	43	56C
272	27	56A	280	52	35	287	43	56B
272	35	45	280	54	52	287	20	49
273	38	wall	280	43	55B	287	Unknown	
273	101	24	280	39	37	287	16	6B
273	57	49	280	101	16	287	48	30B
273	59	45	280	39	53	287	0	
273	59	54	280	39	52	288	Bore	
273	59	43	280	26	44	288	n/a	
273	35	52	280	54	51	288	n/a	
273	39	40	281	28	55	288	n/a	
273	28	42	281	59	36	288	20	
273	35	51	281	27	43	288	20	
274	59	46	281	26	56	288	20	
274	55	51	281	26	59	288	20	
274	26	53B	281	39	51	288	20	
274	55	44	281	43	50	288	20	
274	46	50	281	58	50	289	20	
274	35	49	281	26	57A	289	20	
274	57	50	281	26	57	289	20	
274	35	48	282	28	57	289	20	
274	39	39	282	27	44	289	20	
274	52	42	282	58	56	289	20	
275	52	53	282	28	37	289	20	
275	55	45	282	26	57B	289	20	
275	39	42	282	53	50	289	20	
275	46	51	282	55	47	289	51	29
275	53	39A	282	101	17	290	57	46
275	57	51	282	46	44	300	52	
275	53	38ID	282	42	57	300	39	46-4
275	101	25	283	53	56	300	39	41-4
275	39	49	283	26	45	300	26	56
275	28	43	283	57	47	300	27	57
276	56	51	283	58	46	300	25	35
276	26	54A	283	39	56	300	25	34
276	51	27A	283	58	54B	300	20	66-6
276	27	48	283	42	56	300	35	39-4
276	28	56	283	43	54B	300	17&15	10&
276	28	40	283	43	52			
276	27	47	283	25	39-4			
276	52	38	284	42	54B			
276	55	49	284	25	39-5			
276	52	34	284	42	52			
277	27	55C	284	44	55A			
277	28	54B	284	58	52			
277	52	55	284	58	53B			
277	39	54	284	44	54B			
277	42	50	284	42	51			
277	59	51	284	52	60			
277	28	47	284	42	53B			
277	57	43	285	44	50			
277	58	51	285	27	42			
277	26	55	285	44	51			
278	43	55A	285	43	51			
278	59	56	285	55	43A			
278	39	55	285	44	52			
278	43	56B	285	39	50			
278	38	26A	285	57	48			

TABLE A4-4
Key to TARL Organic Residue Lots by Specimen Number

OR No.	TARL Lot No.	OR No.	TARL Lot No.	OR No.	TARL Lot No.	OR No.	TARL Lot No.
OR-001	184	OR-069	619	OR-137	1106	OR-204	2180
OR-002	207	OR-070	620	OR-138	454	OR-205	574
OR-003	199	OR-071	516	OR-139	2402	OR-206	574
OR-004	205	OR-072	517	OR-140	456	OR-207	585
OR-005	193	OR-073	289	OR-141	457	OR-208	568
OR-006	190	OR-074	290	OR-142	416	OR-209	580
OR-007	191	OR-075	291	OR-143	459	OR-210	578
OR-008	198	OR-076	295	OR-144	1457	OR-211	621
OR-009	197	OR-077	296	OR-145	2403	OR-212	580
OR-010	178	OR-078	312	OR-146	464	OR-213	2181
OR-011	200	OR-079	314	OR-147	465	OR-214	2181
OR-012	201	OR-080	315	OR-148	468	OR-215	590
OR-013	214	OR-081	316	OR-149	476	OR-216	2184
OR-014	215	OR-082	317	OR-150	477	OR-217	548
OR-015	216	OR-083	318	OR-151	478	OR-218	529
OR-016	219	OR-084	319	OR-152	447	OR-219	1513
OR-018	499	OR-085	320	OR-153	482	OR-220	1515
OR-019	500	OR-086	321	OR-154	483	OR-221	547
OR-020	236	OR-088	322	OR-155	502	OR-222	545
OR-021	237	OR-089	325	OR-156	1507	OR-223	567
OR-022	239	OR-090	324	OR-157	1509	OR-224	569
OR-023	241	OR-091	306	OR-158	494	OR-225	2170
OR-024	242	OR-092	333	OR-159	519	OR-226	572
OR-025	244	OR-093	334	OR-160	511	OR-227	617
OR-026	248	OR-094	335	OR-161	511	OR-228	587
OR-027	249	OR-095	337	OR-162	1508	OR-229	601
OR-028	252	OR-096	341	OR-163	525	OR-230	602
OR-029	257	OR-097	352	OR-164	511	OR-231	598
OR-030	256	OR-098	354	OR-165	1511	OR-232	594
OR-031	255	OR-099	355	OR-166	1510	OR-233	2185
OR-032	505	OR-100	356	OR-167	518	OR-234	2172
OR-033	235	OR-101	357	OR-168	518	OR-235	612
OR-034	235	OR-102	362	OR-169	518	OR-236	592
OR-035	258	OR-103	363	OR-170	518	OR-237	609
OR-036	258	OR-104	364	OR-171	530	OR-238	622
OR-037	263	OR-105	370	OR-172	530	OR-239	609
OR-038	266	OR-106	373	OR-173	1512	OR-240	2186
OR-039	268	OR-107	374	OR-174	1512	OR-241	623
OR-040	269	OR-108	375	OR-175	532	OR-242	624
OR-041	272	OR-109	368	OR-176	533	OR-243	625
OR-042	273	OR-110	377	OR-177	533	OR-244	627
OR-043	277	OR-111	368	OR-178	540	OR-245	629
OR-044	276	OR-112	382	OR-179	541	OR-246	580
OR-045	282	OR-113	393	OR-180	539	OR-247	580
OR-046	278	OR-114	395	OR-181	2176	OR-248	631
OR-047	283	OR-115	398	OR-182	1514	OR-249	632
OR-048	284	OR-116	504	OR-183	530	OR-250	633
OR-049	298	OR-117	677	OR-184	530	OR-251	2184
OR-050	304	OR-118	400	OR-185	541	OR-252	597
OR-051	330	OR-119	403	OR-186	542	OR-253	590
OR-052	336	OR-120	409	OR-187	541	OR-254	596
OR-053	339	OR-121	410	OR-188	543	OR-255	1225
OR-054	359	OR-122	413	OR-189	2177	OR-256	596
OR-055	361	OR-123	414	OR-190	2178	OR-257	636
OR-056	366	OR-124	415	OR-191	556	OR-258	637
OR-057	380	OR-125	418	OR-192	556	OR-259	638
OR-058	388	OR-126	419	OR-193	556	OR-260	580
OR-059	392	OR-127	420	OR-194	554	OR-261	641
OR-060	397	OR-128	422	OR-195	551	OR-262	642
OR-061	412	OR-129	424	OR-196	2179	OR-263	643
OR-062	417	OR-130	425	OR-197	2177	OR-264	645
OR-063	469	OR-131	430	OR-198	552	OR-265	648
OR-064	470	OR-132	2165	OR-199	552	OR-266	647
OR-065	471	OR-133	433	OR-200	564	OR-267	646
OR-066	479	OR-134	434	OR-201	565	OR-268	614
OR-067	431	OR-135	451	OR-202	556	OR-269	656
OR-068	431	OR-136	452	OR-203	2180	OR-270	651

OR No.	TARL Lot No.	OR No.	TARL Lot No.	OR No.	TARL Lot No.	OR No.	TARL Lot No.
OR-271	614	OR-343	881	OR-415	1100	OR-487	1338
OR-272	614	OR-344	882	OR-416	1101	OR-488	1339
OR-273	659	OR-345	883	OR-417	1107	OR-489	1341
OR-274	664	OR-346	884	OR-418	1108	OR-490	1342
OR-275	666	OR-347	886	OR-419	1109	OR-491	1344
OR-276	661	OR-348	891	OR-420	1113	OR-492	1347
OR-277	665	OR-349	888	OR-421	1114	OR-493	1350
OR-278	670	OR-350	892	OR-422	1116	OR-494	1379
OR-279	674	OR-351	900	OR-423	1117	OR-495	1380
OR-280	680	OR-352	907	OR-424	1118	OR-496	1383
OR-281	687	OR-353	913	OR-425	1125	OR-497	1386
OR-282	688	OR-354	1103	OR-426	1127	OR-498	1392
OR-283	689	OR-355	914	OR-427	1131	OR-499	1393
OR-284	690	OR-356	935	OR-428	1127	OR-500	1394
OR-285	672	OR-357	919	OR-429	1098	OR-501	1356
OR-286	691	OR-358	940	OR-430	1136	OR-502	1357
OR-287	694	OR-359	944	OR-431	1139	OR-503	1358
OR-288	704	OR-360	956	OR-432	1140	OR-504	1359
OR-289	700	OR-361	960	OR-433	1147	OR-505	1362
OR-290	693	OR-362	959	OR-434	1148	OR-506	1363
OR-291	705	OR-363	967	OR-435	1149	OR-507	1364
OR-292	706	OR-364	968	OR-436	1163	OR-508	1365
OR-293	718	OR-365	969	OR-437	1167	OR-509	1366
OR-294	719	OR-366	975	OR-438	1162	OR-510	1367
OR-295	720	OR-367	976	OR-439	1178	OR-511	1374
OR-296	713	OR-368	977	OR-440	1182	OR-512	1375
OR-297	725	OR-369	980	OR-441	1063	OR-513	1395
OR-298	726	OR-370	981	OR-442	1066	OR-514	1405
OR-299	782	OR-371	982	OR-443	1068	OR-515	1406
OR-300	731	OR-372	986	OR-444	1075	OR-516	1407
OR-301	731	OR-373	987	OR-445	1077	OR-517	605
OR-302	731	OR-374	990	OR-446	1187	OR-518	1418
OR-303	732	OR-375	991	OR-447	1191	OR-519	1425
OR-304	733	OR-376	992	OR-448	1201	OR-520	1424
OR-305	734	OR-377	993	OR-449	1210	OR-521	1436
OR-306	735	OR-378	997	OR-450	1214	OR-522	1437
OR-307	783	OR-379	998	OR-451	1219	OR-523	1447
OR-308	740	OR-380	1000	OR-452	1222	OR-524	1448
OR-309	745	OR-381	1000	OR-453	1223	OR-525	1451
OR-310	750	OR-382	1001	OR-454	1227	OR-526	1459
OR-311	755	OR-383	1003	OR-455	1228	OR-527	1526
OR-312	767	OR-384	991	OR-456	1229	OR-528	1527
OR-313	722	OR-385	965	OR-457	1230	OR-529	1539
OR-314	777	OR-386	1010	OR-458	1235	OR-530	1547
OR-315	794	OR-387	1011	OR-459	1238	OR-531	1548
OR-316	799	OR-388	1012	OR-460	1240	OR-532	1555
OR-317	800	OR-389	1013	OR-461	1241	OR-533	1556
OR-318	801	OR-390	1014	OR-462	1243	OR-534	1550
OR-319	805	OR-391	1014	OR-463	1252	OR-535	1557
OR-320	804	OR-392	1024	OR-464	1253	OR-536	1470
OR-321	806	OR-393	1026	OR-465	1256	OR-537	1477
OR-322	813	OR-394	1021	OR-466	1257	OR-538	1478
OR-323	722	OR-395	2173	OR-467	1258	OR-539	1465
OR-324	819	OR-396	1028	OR-468	1269	OR-540	1496
OR-325	820	OR-397	1031	OR-469	1268	OR-541	1497
OR-326	821	OR-398	1032	OR-470	1276	OR-542	1499
OR-327	833	OR-399	1021	OR-471	1278	OR-543	1498
OR-328	834	OR-400	1037	OR-472	1280	OR-544	1566
OR-329	839	OR-401	1039	OR-473	1281	OR-545	1569
OR-330	840	OR-402	1043	OR-474	1299	OR-546	1570
OR-331	841	OR-403	1044	OR-475	1296	OR-547	1573
OR-332	846	OR-404	1050	OR-476	1297	OR-548	1574
OR-333	847	OR-405	1051	OR-477	1298	OR-549	1575
OR-334	849	OR-406	1052	OR-478	1304	OR-550	1576
OR-335	857	OR-407	1054	OR-479	1306	OR-551	1577
OR-336	858	OR-408	1055	OR-480	1311	OR-552	1580
OR-337	859	OR-409	1083	OR-481	1309	OR-553	1581
OR-338	860	OR-410	1086	OR-482	1321	OR-554	1593
OR-339	868	OR-411	1087	OR-483	1322	OR-555	1594
OR-340	869	OR-412	1088	OR-484	1327	OR-556	1602
OR-341	870	OR-413	1089	OR-485	1326	OR-557	1603
OR-342	880	OR-414	1090	OR-486	1330	OR-558	1604

OR No.	TARL Lot No.	OR No.	TARL Lot No.	OR No.	TARL Lot No.
OR-559	1605	OR-631	1948	OR-704	2385
OR-560	1606	OR-632	1955	OR-705	2393
OR-561	827	OR-633	1958	OR-706	2474
OR-562	579	OR-634	1966	OR-707	2397
OR-563	1565	OR-635	1974	OR-708	2398
OR-564	1468	OR-636	1976	OR-709	2421
OR-565	1284	OR-637	1977	OR-710	2428
OR-566	1650	OR-638	1979	OR-711	2429
OR-567	1656	OR-639	1988	OR-712	2433
OR-568	1657	OR-640	2004	OR-713	2436
OR-569	1658	OR-641	2005	OR-714	2438
OR-570	1682	OR-642	2019	OR-715	2444
OR-571	1687	OR-643	2022	OR-716	2448
OR-572	1686	OR-644	2023	OR-717	2449
OR-573	1700	OR-645	1695	OR-718	2458
OR-574	2724	OR-646	2049	OR-719	2467
OR-575	1713	OR-647	2053	OR-720	2467
OR-576	1720	OR-648	2076	OR-721	2468
OR-577	1721	OR-649	2081	OR-722	2469
OR-578	1729	OR-650	2088	OR-723	2470
OR-579	1725	OR-651	2096	OR-724	2471
OR-580	1726	OR-652	2093	OR-725	2472
OR-581	1731	OR-653	2097	OR-726	2473
OR-582	1736	OR-654	2101	OR-727	1282
OR-583	1739	OR-655	2119	OR-728	2476
OR-584	1752	OR-656	2128	OR-729	2479
OR-585	1753	OR-657	2131	OR-730	2480
OR-586	1757	OR-658	2136	OR-731	2482
OR-587	1758	OR-659	2139	OR-732	2488
OR-588	1763	OR-660	2145	OR-733	2498
OR-589	1768	OR-661	2154	OR-734	2513
OR-590	1608	OR-662	2155	OR-735	2518
OR-591	1626	OR-663	2156	OR-736	2520
OR-592	1631	OR-664	2157	OR-737	2576
OR-593	1633	OR-665	2158	OR-738	2577
OR-594	1639	OR-666	2159	OR-739	2599
OR-595	1640	OR-667	2284	OR-740	2664
OR-596	1641	OR-668	2281	OR-741	2666
OR-597	1642	OR-669	2266	OR-742	2669
OR-598	1643	OR-670	2279	OR-743	2675
OR-599	1774	OR-671	2282	OR-744	2678
OR-600	1781	OR-672	2283	OR-745	2679
OR-601	1794	OR-673	2280	OR-746	2681
OR-602	1799	OR-674	2264	OR-747	2691
OR-603	1807	OR-675	2260	OR-748	2694
OR-604	1813	OR-676	2259	OR-749	2699
OR-605	1814	OR-677	2295	OR-750	2689
OR-606	1817	OR-678	2298	OR-751	1843
OR-607	1828	OR-679	2296	OR-752	2487
OR-608	1829	OR-680	2293	OR-753	2524
OR-609	1841	OR-681	2305	OR-754	1232
OR-610	1845	OR-682	2374		
OR-611	1846	OR-683	2375		
OR-612	1847	OR-684	2376		
OR-613	1848	OR-685	2313		
OR-614	1854	OR-686	2316		
OR-615	1858	OR-687	2317		
OR-616	1859	OR-689	2318		
OR-617	1861	OR-690	2341		
OR-618	1874	OR-691	2353		
OR-619	1885	OR-692	2357		
OR-620	1886	OR-693	2361		
OR-621	1907	OR-694	2365		
OR-622	1908	OR-695	2366		
OR-623	1911	OR-696	2367		
OR-624	1912	OR-697	2368		
OR-625	1913	OR-698	2369		
OR-626	1914	OR-699	2372		
OR-627	1929	OR-700	2378		
OR-628	1931	OR-701	2379		
OR-629	1940	OR-702	2382		
OR-630	1944	OR-703	2384		

APPENDIX 5: PROVENIENCE OF LITHIC ARTIFACTS

Appendix 5: Table 1- TARL Lithics by Provenience

Square	Level	Feature	Strata	Item	Analyst Identification	Count
Surface				135	Arrow point, Sabinal	1
Surface				1838	Arrow point, Scallorn	1
Surface				108-8	Biface fragment	1
Surface				148-3	Biface Stage 1	1
Surface				OR103	Biface Stage 1	1
Surface				108-9	Biface Stage 2	1
Surface				108-1	Biface Stage 2	1
Surface				10P-7	Biface Stage 2	1
Surface				148-2	Biface Stage 3	1
Surface				108-2	Burin	1
Surface					Debitage	46
Surface				108-4	Denticulated flake	1
Surface				148-4	Denticulated flake	1
Surface				108-6	Edge modified flake	1
Surface				103-1	Edge modified flake	1
Surface				148-5	Edge modified flake	1
Surface				148-6	Edge modified flake	1
Surface				102-1	Edge modified flake	1
Surface				101-1	Mano	1
Surface				423	Mano fragment	1
Surface				2879	Mano fragment	1
Surface				108-15	Projectile point fragment	1
Surface				108-18	Projectile point, Bulverde	1
Surface				2643-1	Projectile point, Bulverde	1
Surface				108-14	Projectile point, Castroville	1
Surface				108-17	Projectile point, Castroville	1
Surface				148-1	Projectile point, Marcos	1
Surface				108-13	Projectile point, miscellaneous side-notched	1
Surface				108-16	Projectile point, Pedernales	1
Surface				100-1	Projectile point, Pedernales	1
Surface				108-12	Retouched blade	1
Surface				108-11	Thick uniface	1
Surface				108-7	Thin uniface	1
Surface				108-3	Thin uniface	1
11	1		Fill		Debitage	1
11	2		IIIc (fill)		Debitage	60
11	3		IIIc	205-4	Biface Stage 1	1
11	3		IIIc	206	Biface Stage 2	1
11	3		IIIc	169-4	Biface Stage 2	1
11	3		IIIc	169-1	Biface Stage 2	1
11	3		IIIc	384	Biface Stage 2	1
11	3		IIIc	169-10	Burin spall	1
11	3		IIIc		Debitage	620
11	3		IIIc	169-5	Edge modified flake	1
11	3		IIIc	169-9	Edge modified flake	1
11	3		IIIc	169-2	Projectile point fragment	1
11	3		IIIc	OR4	Projectile point, miscellaneous bifurcate	1
11	3		IIIc	169-3	Projectile point, Montell	1
11	4		IIIc	231-4	Biface fragment	1
11	4		IIIc	231-2	Burin	1
11	4		IIIc	231-5	Core fragment	1
11	4		IIIc		Debitage	731
11	4		IIIc	231-3	Edge modified flake	1
11	5		IIIb/c	323-3	Biface fragment	1
11	5		IIIb/c	323-4	Biface Stage 2	1
11	5		IIIb/c	323-7	Biface Stage 3	1
11	5		IIIb/c	335-10	Chert cobble, chunk	1
11	5		IIIb/c		Debitage	611
11	5		IIIb/c	323-2	Edge modified flake	1
11	5		IIIb/c	323-1	Edge modified flake	1
11	5		IIIb/c	OR104	Edge modified flake	1
11	5		IIIb/c	323-5	Projectile point fragment	1
11	5		IIIb/c	323-6	Projectile point fragment	1
11	5		IIIb/c	OR92	Thick uniface	1
11	6		IIIb/c	405-2	Blade	1
11	6		IIIb/c	405-3	Core fragment	1
11	6		IIIb/c		Debitage	467
11	6		IIIb/c	405-1	Edge modified flake	1
11	6		IIIb/c	OR129	Edge modified flake	1
11	6		IIIb/c	OR128	Projectile point, Nolan	1
11	7		IIIb		Debitage	445
11	7		IIIb	OR153	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
11	7		IIIb	474-1	Projectile point fragment	1
11	7		IIIb	474-2	Projectile point, expanding concave D	1
11	8		IIIb	508-2	Burin spall	1
11	8		IIIb		Debitage	422
11	8		IIIb	508-1	Edge modified flake	1
11	8		IIIb	OR163	Projectile point, Nolan	1
11	9		IIIb	535-4	Biface fragment	1
11	9		IIIb	534-1	Biface Stage 3	1
11	9		IIIb		Debitage	380
11	9		IIIb	534-2	Edge modified flake	1
11	9		IIIb	OR180	Projectile point, Nolan	1
11	9		IIIb	534-3	Worked hematite	1
11	10		IIIb	OR200	Biface Stage 1	1
11	10		IIIb	OR201	Biface Stage 2	1
11	10		IIIb		Debitage	605
11	10		IIIb	552-1	Projectile point fragment	1
11	10		IIIb	OR198	Tool, unanalyzed	1
11	11		IIIa/b	570-8	Biface fragment	1
11	11		IIIa/b	570-1	Bifacial tool Form A	1
11	11		IIIa/b	570-11	Blade	1
11	11		IIIa/b	591-1	Core fragment	1
11	11		IIIa/b		Debitage	691
11	11		IIIa/b	570-12	Edge modified flake	1
11	11		IIIa/b	570-5	Edge modified flake	1
11	11		IIIa/b	570-4	Edge modified flake	1
11	11		IIIa/b	OR214	Edge modified flake	1
11	11		IIIa/b	OR213	Flake, unanalyzed	1
11	11		IIIa/b	570-7	Retouched blade	1
11	11		IIIa/b	570-9	Thin uniface fragment	1
11	11		IIIa/b	570-6	Unifacial multiple tool	1
11	12		IIIa/b	611-2	Biface fragment	1
11	12		IIIa/b	611-4	Biface fragment	1
11	12		IIIa/b	611-5	Burin spall	1
11	12		IIIa/b	611-6	Burin spall	1
11	12		IIIa/b		Debitage	812
11	12		IIIa/b	OR258	Flake, unanalyzed	1
11	12		IIIa/b	611-1	Projectile point, expanding concave C	1
11	12		IIIa/b	OR248	Projectile point, indeterminate	1
11	13		IIIa	658-1	Biface fragment	1
11	13		IIIa		Debitage	406
11	13		IIIa	658-4	Edge modified flake	1
11	13		IIIa	658-3	Edge modified flake	1
11	13		IIIa	658-2	Thin uniface fragment	1
12	1		Fill		Debitage	4
12	2-3		IIIc (fill)	146-2	Arrow point, Scallorn	1
12	2-3		IIIc (fill)	146-10	Biface fragment	1
12	2-3		IIIc (fill)		Debitage	996
12	2-3		IIIc (fill)	146-4	Edge modified flake	1
12	2-3		IIIc (fill)	146-6	Notched flake	1
12	2-3		IIIc (fill)	146-1	Projectile point, Bulverde-like	1
12	2-3		IIIc (fill)	146-3	Thin uniface fragment	1
12	4		IIIc	202-7	Biface Stage 1	1
12	4		IIIc	202-4	Biface Stage 1	1
12	4		IIIc	OR3	Biface Stage 2	1
12	4		IIIc	202-5	Biface Stage 2	1
12	4		IIIc	202-1	Bifacial tool Form A	1
12	4		IIIc	202-6	Core tool, type 4	1
12	4		IIIc		Debitage	505
12	4		IIIc	202-2	Projectile point fragment	1
12	4		IIIc	202-3	Projectile point, Ensor	1
12	5		IIIc	274-2	Biface fragment	1
12	5		IIIc	OR78	Biface Stage 2	1
12	5		IIIc		Debitage	702
12	5		IIIc	OR43	Edge modified flake	1
12	5		IIIc	274-1	Perforator Group 7	1
12	5		IIIc	OR73	Projectile point, Bulverde	1
12	6		IIIb/c	406-5	Biface fragment	1
12	6		IIIb/c	2014	Biface Stage 1	1
12	6		IIIb/c		Debitage	579
12	6		IIIb/c	406-8	Edge modified flake	1
12	6		IIIb/c	406-1	Projectile point, Castroville	1
12	6		IIIb/c	406-4	Spurred flake	1
12	6		IIIb/c	406-2	Thin uniface	1
12	6		IIIb/c	406-6	Thin uniface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
12	7		IIIb/c		Debitage	308
12	7		IIIb/c	497-2	Edge modified flake	1
12	7		IIIb/c	497-3	Projectile point fragment	1
12	8		IIIb		Debitage	316
12	8		IIIb	533-2	Edge modified flake	1
12	8		IIIb	OR177	Flake, unanalyzed	1
12	8		IIIb	533-1	Unifacial multiple tool	1
12	9		IIIb	OR185	Biface Stage 2	1
12	9		IIIb		Debitage	454
12	9		IIIb	541-2	Edge modified flake	1
12	9		IIIb	541-1	Edge modified flake	1
12	9		IIIb	OR179	Flake, unanalyzed	1
12	9		IIIb	OR187	Projectile point, expanding concave C	1
12	10		IIIb	556-1	Biface Stage 2	1
12	10		IIIb		Debitage	392
12	10		IIIb	556-3	Edge modified flake	1
12	10		IIIb	556-4	Flake, Bell/Andice practice?	1
12	10		IIIb	OR202	Projectile point, expanding concave D	1
12	10		IIIb	OR191	Projectile point, miscellaneous lanceolate	1
12	10		IIIb	556-2	Spurred flake	1
12	10		IIIb	OR193	Tool, unanalyzed	1
12	11A		IIIa/b	578-2	Chert cobble, chunk	1
12	11A		IIIa/b		Debitage	285
12	11A		IIIa/b	OR234	Flake, unanalyzed	1
12	11A		IIIa/b	OR210	Piece esquillee	1
12	11A		IIIa/b	578-1	Projectile point fragment	1
12	11B	Feature 213	IIIa/b		Debitage	1
12	12A		IIIa/b	OR268	Biface Stage 3	1
12	12A		IIIa/b		Debitage	474
12	12A		IIIa/b	OR271	Flake, unanalyzed	1
12	12A		IIIa/b	OR272	Flake, unanalyzed	1
12	12A		IIIa/b	614-1	Projectile point fragment	1
12	12B	Feature 213	IIIa/b	613-1	Burin spall	1
12	12B	Feature 213	IIIa/b	613-2	Burin spall	1
12	12B	Feature 213	IIIa/b	613	Burin spall	1
12	12B	Feature 213	IIIa/b		Debitage	36
12	13		IIIa	661-6	Biface fragment	1
12	13		IIIa	661-1	Biface Stage 2	1
12	13		IIIa		Debitage	608
12	13		IIIa	661-2	Edge modified flake	1
12	13		IIIa	661-7	Edge modified flake	1
12	13		IIIa	661-5	Edge modified flake	1
12	13		IIIa	661-3	Edge modified flake	1
12	13		IIIa	661-4	Edge modified flake	1
12	13		IIIa	OR276	Flake, unanalyzed	1
12	14		IIIa		Debitage	864
12	14		IIIa	684-3	Projectile point fragment	1
12	14		IIIa	684-1	Thin uniface	1
12	15		IIIa	713-4	Biface Stage 3	1
12	15		IIIa	713-1	Burin spall	1
12	15		IIIa		Debitage	778
12	15		IIIa	713-3	Edge modified flake	1
12	15		IIIa	OR296	Flake, unanalyzed	1
12	15		IIIa	OR299	Flake, unanalyzed	1
12	15		IIIa	713-2	Projectile point fragment	1
12	16		IIIa		Debitage	530
12	16		IIIa	742-1	Microspur/microdenticulate	1
12	16		IIIa	742-2	Thin uniface fragment	1
12	17		IIIa		Debitage	418
12	17		IIIa	763-2	Edge modified flake	1
12	17		IIIa	763-6	Projectile point fragment	1
12	18		IIIa		Debitage	696
12	18		IIIa	790-2	Microspur/microdenticulate	1
12	18		IIIa	790-1	Projectile point fragment	1
12	19		IIIa	853	Burin spall	1
12	19		IIIa	853-1	Burin spall	1
12	19		IIIa		Debitage	390
12	19		IIIa	OR337	Projectile point, Angostura	1
12	20A		II/IIIa		Debitage	313
12	20A		II/IIIa	888-4	Edge modified flake	1
12	20A		II/IIIa	888-3	Edge modified flake	1
12	20A		II/IIIa	OR349	Flake, unanalyzed	1
12	20A		II/IIIa	OR350	Flake, unanalyzed	1
12	20A		II/IIIa	888-5	Thin uniface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
12	20B	Feature 224	II/IIIa		Debitage	25
12	20B	Feature 224	II/IIIa	OR355	Flake, unanalyzed	1
12	21		II/IIIa	935-3	Biface fragment	1
12	21		II/IIIa		Debitage	342
12	21		II/IIIa	OR356	Flake, unanalyzed	1
12	22		II/IIIa		Debitage	238
12	23		II		Debitage	5
12	23		II	OR371	Thin uniface	1
12	23-24		II		Debitage	233
12	23-24		II	970-2	Edge modified flake	1
12	24		II		Debitage	139
12	24		II	994-1	Edge modified flake	1
12	24		II	OR380	Flake, unanalyzed	1
12	24		II	OR381	Flake, unanalyzed	1
12	25		Isi-c/II	OR401	Biface Stage 2	1
12	25		Isi-c/II		Debitage	117
12	25		Isi-c/II	1020-1	Edge modified flake	1
12	26		Isi-c/II		Debitage	2
12	26		Isi-c/II	OR411	Projectile point, miscellaneous lanceolate	1
12	26-27		Isi-c/II		Debitage	53
12	27		Isi-c/II		Debitage	4
12	28		Isi-c/II	OR449	Core, thermal	1
12	28		Isi-c/II		Debitage	42
12	28		Isi-c/II	OR454	Flake, unanalyzed	1
12	28		Isi-c/II	OR450	Flake, unanalyzed	1
12	29		Isi-c/II		Debitage	57
12	30		Isi-c/II		Debitage	95
12	30		Isi-c/II	OR467	Flake, unanalyzed	1
12	31		Isi-c/II		Debitage	84
12	31		Isi-c/II	1274-1	Thin uniface fragment	1
12	32		Isi-c		Debitage	157
12	32		Isi-c	OR488	Edge modified flake	1
12	32		Isi-c	1328-1	Edge modified flake	1
12	32		Isi-c	OR491	Thick uniface	1
12	33		Isi-c	OR499	Flake, unanalyzed	1
12	33-34		Isi-c	1396-2	Core, thermal	1
12	33-34		Isi-c		Debitage	87
12	33-34		Isi-c	1396-1	Edge modified flake	1
12	34		Isi-c		Debitage	39
12	34		Isi-c	1428-1	Edge modified flake	1
12	34		Isi-c	1428-2	Small core hammerstone	1
12	35		Isi/Isi-c		Debitage	36
12	35		Isi/Isi-c	OR529	Flake, unanalyzed	1
12	36		Isi/Isi-c	OR587	Core fragment	1
12	36		Isi/Isi-c		Debitage	18
12	37		Isi/Isi-c		Debitage	22
12	38		Isi/Isi-c		Debitage	7
12	39A		Isi/Isi-c		Debitage	2
12	39B		Isi/Isi-c		Debitage	2
12	40		Isi		Debitage	5
12	44		Isi		Debitage	1
12	46		Isi		Debitage	1
12	48		Isi		Debitage	1
12	Wall			681-5	Core fragment	1
12	Wall				Debitage	16
12	Wall			681-3	Edge modified flake	1
12	Wall			681-1	Thin uniface	1
12	Wall			681-2	Thin uniface	1
13	1		Fill		Debitage	1
13	2		IIIc (fill)	163-2	Burin	1
13	2		IIIc (fill)		Debitage	58
13	2		IIIc (fill)	163-1	Projectile point fragment	1
13	3		IIIc	176-5	Biface	1
13	3		IIIc	176-12	Biface fragment	1
13	3		IIIc	176-10	Biface Stage 2	1
13	3		IIIc	176-4	Biface Stage 2	1
13	3		IIIc	176-1	Burin	1
13	3		IIIc	176-3	Burin spall	1
13	3		IIIc		Debitage	483
13	3		IIIc	176-2	Edge modified flake	1
13	3		IIIc	176-6	Edge modified flake	1
13	3		IIIc	176-7	Edge modified flake	1
13	3		IIIc	OR10	Flake, unanalyzed	1
13	3		IIIc	176-13	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
13	4		IIIc	238	Biface fragment	1
13	4		IIIc	OR23	Biface Stage 2	1
13	4		IIIc		Debitage	41
13	4		IIIc	OR25	Flake, unanalyzed	1
13	4		IIIc	245-1	Unifacial multiple tool	1
13	5		IIIc	352-8	Biface fragment	1
13	5		IIIc	OR96	Biface Stage 2	1
13	5		IIIc	OR118	Core, thermal	1
13	5		IIIc		Debitage	970
13	5		IIIc	327-4	Edge modified flake	1
13	5		IIIc	OR97	Flake, unanalyzed	1
13	5		IIIc	327-2	Projectile point, Castroville	1
13	5		IIIc	327-1	Projectile point, Jetta	1
13	5		IIIc	327-3	Projectile point, Pedernales	1
13	6		IIIc	447-5	Biface fragment	1
13	6		IIIc		Debitage	570
13	6		IIIc	447-4	Edge modified flake	1
13	6		IIIc	447-3	Edge modified flake	1
13	6		IIIc	OR146	Edge modified flake	1
13	6		IIIc	OR152	Flake, unanalyzed	1
13	6		IIIc	447-6	Projectile point fragment	1
13	6		IIIc	447-1	Projectile point, Montell	1
13	7		IIIb/c		Debitage	163
13	8		IIIb	494-1	Biface Stage 1	1
13	8		IIIb		Debitage	335
13	8		IIIb	494-2	Edge modified flake	1
13	8		IIIb	OR158	Flake, unanalyzed	1
13	8		IIIb	494-5	Metate fragment	1
13	8		IIIb	494-3	Thick uniface fragment	1
13	9		IIIb		Debitage	503
13	9		IIIb	518-6	Edge modified flake	1
13	9		IIIb	518-7	Edge modified flake	1
13	9		IIIb	518-8	Edge modified flake	1
13	9		IIIb	OR170	Flake, unanalyzed	1
13	9		IIIb	OR168	Flake, unanalyzed	1
13	9		IIIb	OR169	Flake, unanalyzed	1
13	9		IIIb	518-4	Notched flake	1
13	9		IIIb	518-1	Possible ground stone	1
13	10A		IIIb	OR188	Biface Stage 1	1
13	10A		IIIb		Debitage	335
13	10A		IIIb	543-2	Edge modified flake	1
13	10B	Feature 213	IIIb		Debitage	37
13	10B	Feature 213	IIIb	560-2	Unifacial multiple tool	1
13	11A		IIIb	563-1	Biface fragment	1
13	11A		IIIb	563-2	Biface fragment	1
13	11A		IIIb	563-3	Biface fragment	1
13	11A		IIIb		Debitage	366
13	11A		IIIb	OR203	Projectile point, Martindale A	1
13	11B	Feature 213	IIIb		Debitage	92
13	11B	Feature 213	IIIb	586-2	Edge modified flake	1
13	11B	Feature 213	IIIb	OR255	Flake, unanalyzed	1
13	12A		IIIa/b	628-13	Biface fragment	1
13	12A		IIIa/b	628-15	Biface fragment	1
13	12A		IIIa/b	628-14	Biface fragment, unanalyzed	1
13	12A		IIIa/b	OR250	Biface Stage 2	1
13	12A		IIIa/b	628-12	Burin spall	1
13	12A		IIIa/b	628-9	Burin spall	1
13	12A		IIIa/b	628-6	Burin spall	1
13	12A		IIIa/b	628-2	Core, thermal	1
13	12A		IIIa/b	628-1	Core, thermal	1
13	12A		IIIa/b		Debitage	608
13	12A		IIIa/b	628-11	Edge modified flake	1
13	12A		IIIa/b	628-3	Edge modified flake	1
13	12A		IIIa/b	OR269	Flake, unanalyzed	1
13	12A		IIIa/b	628-7	Spurred flake	1
13	12B	Feature 213	IIIa/b	OR261	Biface Stage 2	1
13	13		IIIa/b	655-2	Biface fragment	1
13	13		IIIa/b	655-4	Biface fragment	1
13	13		IIIa/b	655-1	Biface Stage 2	1
13	13		IIIa/b	655-5	Core tool, type 2	1
13	13		IIIa/b		Debitage	720
13	13		IIIa/b	655-3	Edge modified flake	1
13	13		IIIa/b	OR273	Projectile point, Uvalde	1
14	1		Fill		Debitage	6

Square	Level	Feature	Strata	Item	Analyst Identification	Count
14	1		Fill	112-1	Micro-core, intermediate	1
14	2		IIIc (fill)	147-2	Biface fragment	1
14	2		IIIc (fill)	147-1	Biface fragment	1
14	2		IIIc (fill)		Debitage	127
14	2		IIIc (fill)	147-4	Edge modified flake	1
14	3		IIIc	OR5	Arrow point, stemmed	1
14	3		IIIc	187-2	Biface fragment	1
14	3		IIIc	OR9	Biface Stage 2	1
14	3		IIIc	220-13	Core fragment	1
14	3		IIIc	187-1	Core tool, type 1	1
14	3		IIIc	221	Core, thermal	1
14	3		IIIc		Debitage	786
14	3		IIIc	OR11	Edge modified flake	1
14	3		IIIc	220	Projectile point fragment	1
14	3		IIIc	OR15	Projectile point, Darl	1
14	3		IIIc	OR16	Retouched blade	1
14	4		IIIc		Debitage	752
14	4	Feature 202	IIIc	OR88	Biface	1
14	4	Feature 202	IIIc	OR91	Biface Stage 2	1
14	4	Feature 202	IIIc	306-1	Core tool, type 1	1
14	4	Feature 202	IIIc		Debitage	1
14	4	Feature 202	IIIc	306-2	Projectile point fragment	1
14	4	Feature 202	IIIc	306-3	Projectile point, bifurcate stem fragment	1
14	5		IIIc	OR108	Arrow point, Scallorn	1
14	5		IIIc	368-7	Arrow point, Scallorn	1
14	5		IIIc	368-5	Biface fragment	1
14	5		IIIc	368-4	Biface fragment	1
14	5		IIIc	OR110	Biface Stage 3	1
14	5		IIIc		Debitage	905
14	5		IIIc	368-1	Edge modified flake	1
14	5		IIIc	368-2	Edge modified flake	1
14	5		IIIc	368-10	Edge modified flake	1
14	5		IIIc	368-3	Edge modified flake	1
14	5		IIIc	368-9	Projectile point fragment	1
14	5		IIIc	368-6	Projectile point fragment	1
14	5		IIIc	368-8	Projectile point fragment	1
14	6A		IIIc	OR147	Biface Stage 2	1
14	6A		IIIc	408-8	Core fragment	1
14	6A		IIIc		Debitage	903
14	6A		IIIc	408-2	Denticulated flake	1
14	6A		IIIc	408-6	Edge modified flake	1
14	6A		IIIc	408-5	Edge modified flake	1
14	6A		IIIc	408-7	Projectile point, Ensor	1
14	6A		IIIc	408-1	Unifacial multiple tool	1
14	7		IIIb/c		Debitage	226
14	7		IIIb/c	488-1	Notched flake	1
14	8		IIIb/c		Debitage	223
14	8		IIIb/c	506-1	Edge modified flake	1
14	8		IIIb/c	506-3	Edge modified flake, unanalyzed	1
14	8		IIIb/c	506-2	Notched flake	1
14	8		IIIb/c	OR156	Projectile point, Bulverde	1
14	9		IIIb		Debitage	318
14	9		IIIb	512-1	Projectile point fragment	1
14	9		IIIb	OR166	Thick uniface	1
14	10		IIIb	537-1	Biface fragment	1
14	10		IIIb		Debitage	167
14	11		IIIb	551-1	Biface fragment	1
14	11		IIIb		Debitage	336
14	11		IIIb	551-3	Edge modified flake	1
14	11		IIIb	551-2	Projectile point fragment	1
14	11		IIIb	OR195	Projectile point, Bell/Andice	1
14	12		IIIa/b	561-4	Biface fragment	1
14	12		IIIa/b		Debitage	448
14	12		IIIa/b	561-2	Edge modified flake	1
14	12		IIIa/b	561-3	Thin uniface fragment	1
14	13		IIIa/b	574-1	Biface Stage 1	1
14	13		IIIa/b	574-2	Biface Stage 2	1
14	13		IIIa/b	574-3	Biface Stage 3	1
14	13		IIIa/b		Debitage	906
14	13		IIIa/b	574-5	Edge modified flake	1
14	13		IIIa/b	OR206	Projectile point, Nolan	1
14	13		IIIa/b	OR205	Thin uniface	1
14	14		IIIa	590-7	Biface fragment	1
14	14		IIIa	590-2	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
14	14		IIIa		Debitage	863
14	14		IIIa	590-3	Edge modified flake	1
14	14		IIIa	590-5	Edge modified flake	1
14	14		IIIa	590-1	Edge modified flake	1
14	14		IIIa	590-6	Projectile point fragment	1
14	14		IIIa	OR253	Projectile point, expanding concave E	1
14	14		IIIa	OR215	Projectile point, square stem	1
14	15		IIIa	608-2	Biface fragment	1
14	15		IIIa	OR242	Bifacial tool	1
14	15		IIIa		Debitage	847
14	15		IIIa	608-4	Edge modified flake	1
14	15		IIIa	608-1	Projectile point, miscellaneous lanceolate	1
14	15		IIIa	608-3	Unifacial multiple tool	1
14	16		IIIa		Debitage	538
14	16		IIIa	635-1	Edge modified flake	1
14	16		IIIa	635-4	Edge modified flake	1
14	16		IIIa	635-3	Notched flake	1
14	16		IIIa	OR264	Projectile point, concave lanceolate preform	1
14	16		IIIa	635-6	Thin uniface fragment	1
15	2		IIIc (fill)		Debitage	27
15	3		IIIc	217-1	Arrow point, Scallorn	1
15	3		IIIc	OR19	Biface Stage 2	1
15	3		IIIc	OR18	Biface Stage 2	1
15	3		IIIc		Debitage	1055
15	3		IIIc	217-2	Edge modified flake	1
15	3		IIIc	217-4	Projectile point fragment	1
15	3		IIIc	217-5	Projectile point fragment	1
15	3		IIIc	217-3	Projectile point fragment	1
15	4A		IIIc	OR33	Biface Stage 1	1
15	4A		IIIc		Debitage	1079
15	4A		IIIc	235-3	Denticulated flake	1
15	4A		IIIc	OR34	Edge modified flake	1
15	4A		IIIc	235-1	Edge modified flake	1
15	4A		IIIc	OR32	Flake, unanalyzed	1
15	4A		IIIc	235-2	Projectile point fragment	1
15	4B		IIIc	385-1	Biface fragment	1
15	4B		IIIc	385-2	Biface fragment	1
15	4B		IIIc		Debitage	749
15	4B		IIIc	385-4	Edge modified flake	1
15	4B		IIIc	OR107	Mano fragment	1
15	4B		IIIc	385-3	Unifacial multiple tool	1
15	4B		IIIc	385-5	Unifacial multiple tool	1
15	5A		IIIc	387-1	Burin	1
15	5A		IIIc	387-2	Burin	1
15	5A		IIIc	387-3	Burin	1
15	5A		IIIc		Debitage	383
15	6A		IIIc	129-8	Biface fragment	1
15	6A		IIIc	OR148	Blade	1
15	6A		IIIc		Debitage	1082
15	6A		IIIc	129-5	Edge modified flake	1
15	6A		IIIc	129-3	Edge modified flake	1
15	6A		IIIc	129-6	Edge modified flake	1
15	6A		IIIc	129-2	Edge modified flake	1
15	6A		IIIc	OR142	Projectile point, Marcos/Marshall	1
15	6A		IIIc	OR149	Thin uniface	1
15	6A		IIIc	129-1	Thin uniface fragment	1
15	6B	Feature 206	IIIc		Debitage	7
15	7		IIIb/c	486-1	Biface fragment	1
15	7		IIIb/c	486-3	Biface Stage 2	1
15	7		IIIb/c	486-2	Bifacial tool	1
15	7		IIIb/c		Debitage	476
15	7		IIIb/c	486-4	Unifacial multiple tool	1
15	8		IIIb/c		Debitage	189
15	8		IIIb/c	507-1	Edge modified flake	1
15	9		IIIb	526-2	Biface fragment	1
15	9		IIIb	526-1	Biface Stage 1	1
15	9		IIIb		Debitage	204
15	10		IIIb	OR186	Biface Stage 2	1
15	10		IIIb	542-1	Biface Stage 2	1
15	10		IIIb	OR181	Biface Stage 2	1
15	10		IIIb		Debitage	140
15	10		IIIb	542-2	Edge modified flake	1
15	10		IIIb	542-4	Edge modified flake	1
15	10		IIIb	542-5	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
15	10		IIIb	542-7	Edge modified flake	1
15	10		IIIb	542-6	Thin uniface	1
15	11		IIIb	549-3	Bifacial tool Form H	1
15	11		IIIb	OR190	Core, thermal	1
15	11		IIIb		Debitage	441
15	11		IIIb	549-5	Edge modified flake	1
15	11		IIIb	OR189	Flake, unanalyzed	1
15	11		IIIb	549-1	Thin uniface	1
15	11		IIIb	OR197	Tool, unanalyzed	1
15	12		IIIa/b		Debitage	375
15	12		IIIa/b	568-6	Edge modified flake	1
15	12		IIIa/b	568-3	Edge modified flake	1
15	12		IIIa/b	568-8	Edge modified flake	1
15	12		IIIa/b	568-4	Edge modified flake	1
15	12		IIIa/b	568-5	Spurred flake	1
15	12		IIIa/b	568-2	Thin uniface fragment	1
15	12		IIIa/b	OR208	Thin uniface fragment	1
15	13		IIIa/b		Debitage	563
15	13		IIIa/b	596-5	Edge modified flake	1
15	13		IIIa/b	596-14	Edge modified flake	1
15	13		IIIa/b	OR254	Flake, unanalyzed	1
15	13		IIIa/b	OR256	Flake, unanalyzed	1
15	13		IIIa/b	596-1	Projectile point, expanding stem A	1
15	14		IIIa/b	640-4	Biface fragment	1
15	14		IIIa/b	640-2	Biface Stage 1	1
15	14		IIIa/b	640-1	Biface Stage 2	1
15	14		IIIa/b	OR262	Bifacial tool	1
15	14		IIIa/b		Debitage	533
15	14		IIIa/b	640-3	Thin uniface fragment	1
15	14		IIIa/b	640-5	Unifacial multiple tool	1
15	Wall			679-1	Biface Stage 2	1
16	1		Fill		Debitage	17
16	2		IIIc (fill)		Debitage	38
16	2		IIIc (fill)	167-1	Edge modified flake	1
16	3		IIIc	168-1	Arrow point, Scallorn	1
16	3		IIIc	168-6	Biface fragment	1
16	3		IIIc	168-4	Biface Stage 1	1
16	3		IIIc	168-10	Core, thermal	1
16	3		IIIc		Debitage	989
16	3		IIIc	168-3	Edge modified flake	1
16	3		IIIc	168-2	Piece esquillee	1
16	3		IIIc	168-8	Spurred flake	1
16	3		IIIc	168-5	Unifacial multiple tool	1
16	4		IIIc	OR80	Arrow point, Perdiz	1
16	4		IIIc	OR46	Arrow point, Scallorn	1
16	4		IIIc	OR76	Arrow point, stemmed	1
16	4		IIIc	120-2	Arrow point, stemmed	1
16	4		IIIc	120-4	Biface fragment	1
16	4		IIIc	320-7	Biface fragment	1
16	4		IIIc	120-3	Biface fragment	1
16	4		IIIc	OR85	Biface Stage 2	1
16	4		IIIc	OR47	Biface Stage 2	1
16	4		IIIc	OR90	Biface Stage 2	1
16	4		IIIc	120-7	Biface Stage 2	1
16	4		IIIc	320-3	Bifacial tool Form E	1
16	4		IIIc	120-5	Burin	1
16	4		IIIc	120-1	Core fragment	1
16	4		IIIc		Debitage	2332
16	4		IIIc	OR79	Microspur/microdenticulate	1
16	4		IIIc	120-6	Projectile point fragment	1
16	4		IIIc	OR83	Projectile point, Marcos	1
16	4		IIIc	OR84	Projectile point, miscellaneous bifurcate	1
16	4		IIIc	OR48	Tool, unanalyzed	1
16	4		IIIc	OR89	Uniface, unanalyzed	1
16	5		IIIc	391-2	Biface fragment	1
16	5		IIIc	OR119	Biface Stage 3	1
16	5		IIIc	391-1	Burin spall	1
16	5		IIIc		Debitage	933
16	5		IIIc	391-3	Projectile point fragment	1
16	5		IIIc	OR114	Unifacial multiple tool	1
16	6A		IIIc	455-1	Burin	1
16	6A		IIIc		Debitage	978
16	6A		IIIc	455-2	Edge modified flake	1
16	6B	Feature 206	IIIc	OR139	Biface Stage 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
16	6B	Feature 206	IIIc	OR145	Biface Stage 2	1
16	6B	Feature 206	IIIc	OR137	Biface Stage 2	1
16	6B	Feature 206	IIIc	452-1	Burin spall	1
16	6B	Feature 206	IIIc		Debitage	7
16	6B	Feature 206	IIIc	OR135	Edge modified flake	1
16	6B	Feature 206	IIIc	OR141	Projectile point, rectangular stem C	1
16	6B	Feature 206	IIIc	452-2	Spurred flake	1
16	7A		IIIb/c	480-5	Biface fragment	1
16	7A		IIIb/c	480-4	Biface Stage 1	1
16	7A		IIIb/c	480-3	Burin spall	1
16	7A		IIIb/c		Debitage	494
16	7A		IIIb/c	480-6	Edge modified flake	1
16	7A		IIIb/c	480-2	Projectile point, Marshall	1
16	7A		IIIb/c	480-7	Projectile point, rectangular stem B	1
16	7A		IIIb/c	480-1	Projectile point, Williams	1
16	7B	Feature 208	IIIb/c		Debitage	2
16	8		IIIb/c	511-4	Biface fragment	1
16	8		IIIb/c	511-6	Biface Stage 2	1
16	8		IIIb/c		Debitage	488
16	8		IIIb/c	511-1	Edge modified flake	1
16	8		IIIb/c	511-5	Projectile point, indeterminate	1
16	9		IIIb/c	OR183	Biface Stage 3	1
16	9		IIIb/c		Debitage	684
16	9		IIIb/c	530-2	Edge modified flake	1
16	9		IIIb/c	530-3	Edge modified flake	1
16	9		IIIb/c	OR184	Projectile point, Bell/Andice	1
16	9		IIIb/c	530-1	Projectile point, expanding stem A	1
16	10A		IIIb	OR194	Biface Stage 2	1
16	10B	Feature 214	IIIb	609-1	Biface fragment	1
16	10B	Feature 214	IIIb	OR239	Biface Stage 2	1
16	10B	Feature 214	IIIb		Debitage	515
16	10B	Feature 214	IIIb	609-2	Edge modified flake	1
16	10B	Feature 214	IIIb	OR237	Flake, unanalyzed	1
16	11A		IIIb	OR260	Biface Stage 2	1
16	11A		IIIb	580-1	Burin spall	1
16	11A		IIIb		Debitage	574
16	11A		IIIb	OR247	Flake, unanalyzed	1
16	11A		IIIb	OR246	Flake, unanalyzed	1
16	11A		IIIb	OR209	Projectile point, Bulverde	1
16	11B		IIIb		Debitage	36
16	12A		IIIb		Debitage	735
16	12A		IIIb	651-5	Edge modified flake	1
16	12A		IIIb	651-9	Edge modified flake	1
16	12A		IIIb	OR270	Flake, unanalyzed	1
16	12A		IIIb	651-2	Spurred flake	1
16	12A		IIIb	651-1	Thin uniface fragment	1
16	13		IIIa/b	685-1	Biface fragment	1
16	13		IIIa/b	OR288	Biface Stage 1	1
16	13		IIIa/b		Debitage	557
16	13		IIIa/b	685-4	Edge modified flake	1
16	13		IIIa/b	685-8	Edge modified flake	1
16	13		IIIa/b	685-5	Edge modified flake	1
16	13		IIIa/b	685-7	Edge modified flake	1
16	13		IIIa/b	OR286	Flake, unanalyzed	1
16	13		IIIa/b	685-2	Thin uniface fragment	1
16	13		IIIa/b	685-3	Thin uniface fragment	1
17	1		Fill	110-3	Biface fragment	1
17	1		Fill	110-2	Biface fragment	1
17	1		Fill	110-4	Biface Stage 2	1
17	1		Fill		Debitage	14
17	1		Fill	110-1	Perforator Group 2	1
17	1		Fill	110-5	Perforator Group 7	1
17	2		IIIc (fill)	151	Arrow point, stemmed	1
17	2		IIIc (fill)		Debitage	6
17	3		IIIc	194-12	Biface fragment	1
17	3		IIIc	194-5	Biface Stage 2	1
17	3		IIIc	194-6	Biface Stage 2	1
17	3		IIIc	194-9	Core, thermal	1
17	3		IIIc		Debitage	1030
17	3		IIIc	194-14	Edge modified flake	1
17	3		IIIc	194-11	Edge modified flake	1
17	3		IIIc	194-10	Edge modified flake	1
17	3		IIIc	194-13	Edge modified flake	1
17	3		IIIc	194-2	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
17	3		IIIc	194-1	Projectile point fragment	1
17	3		IIIc	194-3	Projectile point fragment	1
17	4		IIIc	258-5	Arrow point, Scallorn	1
17	4		IIIc	OR42	Arrow point, unanalyzed	1
17	4		IIIc	258-10	Biface fragment	1
17	4		IIIc	28O-17	Biface fragment	1
17	4		IIIc	OR35	Biface fragment	1
17	4		IIIc	28O-6	Biface fragment	1
17	4		IIIc	28O-15	Biface fragment	1
17	4		IIIc	OR74	Biface fragment, unanalyzed	1
17	4		IIIc	OR44	Biface Stage 2	1
17	4		IIIc	OR75	Biface Stage 3	1
17	4		IIIc	OR45	Burin spall	1
17	4		IIIc	311-1	Burin spall	1
17	4		IIIc	31O-5	Burin spall	1
17	4		IIIc		Debitage	1872
17	4		IIIc	258-9	Edge modified flake	1
17	4		IIIc	OR39	Edge modified flake	1
17	4		IIIc	258-1	Edge modified flake	1
17	4		IIIc	OR41	Mano fragment	1
17	4		IIIc	272	Mano fragment	1
17	4		IIIc	308-1	Projectile point fragment	1
17	4		IIIc	281-1	Projectile point, miscellaneous side-notched	1
17	4		IIIc	293-1	Spurred flake	1
17	4		IIIc	OR36	Unifacial multiple tool	1
17	5		IIIc	OR100	Biface fragment, unanalyzed	1
17	5		IIIc	OR113	Burin	1
17	5		IIIc	OR99	Burin	1
17	5		IIIc		Debitage	1126
17	5		IIIc	OR101	Edge modified flake	1
17	6		IIIc	OR134	Biface Stage 1	1
17	6		IIIc	OR133	Biface Stage 2	1
17	6		IIIc	OR117	Biface Stage 3	1
17	6		IIIc		Debitage	1238
17	7A		IIIb/c	454-7	Biface fragment	1
17	7A		IIIb/c		Debitage	834
17	7A		IIIb/c	454-6	Edge modified flake	1
17	7A		IIIb/c	454-2	Edge modified flake	1
17	7A		IIIb/c	OR144	Edge modified flake	1
17	7A		IIIb/c	OR155	Edge modified flake	1
17	7A		IIIb/c	454-8	Edge modified flake	1
17	7A		IIIb/c	OR143	Projectile point fragment, unanalyzed	1
17	7A		IIIb/c	454-1	Projectile point, Williams	1
17	7A		IIIb/c	OR140	Thick uniface	1
17	7B	Feature 208	IIIb/c		Debitage	1
17	8A		IIIb/c		Debitage	515
17	8B	Feature 211	IIIb/c		Debitage	21
17	9		IIIb	544-2	Bifacial tool Form A	1
17	9		IIIb		Debitage	618
17	9		IIIb	544-8	Edge modified flake	1
17	9		IIIb	544-7	Edge modified flake	1
17	9		IIIb	544-6	Edge modified flake	1
17	9		IIIb	544-1	Edge modified flake	1
17	9		IIIb	544-4	Edge modified flake	1
17	9		IIIb	OR211	Edge modified flake	1
17	10		IIIb	595-15b	Core, thermal	1
17	10		IIIb	595-15a	Core, thermal	1
17	10		IIIb		Debitage	660
17	10		IIIb	595-10	Denticulated flake	1
17	10		IIIb	OR252	Flake, unanalyzed	1
17	10		IIIb	595-5	Projectile point fragment	1
17	10		IIIb	595-12	Projectile point fragment	1
17	10		IIIb	OR238	Projectile point, Bulverde	1
17	10		IIIb	595-1	Projectile point, Bulverde-like	1
17	10		IIIb	595-2	Projectile point, miscellaneous expanding stem	1
17	10		IIIb	OR243	Projectile point, Nolan	1
17	11		IIIb	652-1	Biface fragment	1
17	11		IIIb	OR267	Biface Stage 1	1
17	11		IIIb	OR266	Biface Stage 2	1
17	11		IIIb		Debitage	562
17	11		IIIb	OR274	Flake, unanalyzed	1
17	11		IIIb	OR277	Flake, unanalyzed	1
17	11		IIIb	652-3	Projectile point, expanding stem A	1
17	12		IIIb	OR281	Biface Stage 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
17	12		IIIb	OR280	Bifacial tool	1
17	12		IIIb		Debitage	754
17	12		IIIb	676-5	Edge modified flake	1
17	12		IIIb	676-2	Projectile point fragment	1
17	12		IIIb	OR284	Projectile point, miscellaneous bifurcate	1
17	12		IIIb	676-1	Projectile point, miscellaneous side-notched	1
17	12		IIIb	676-3	Thin uniface fragment	1
17	13		IIIa/b	OR303	Biface Stage 1	1
17	13		IIIa/b	OR307	Bifacial tool	1
17	13		IIIa/b	703-2	Bifacial tool Form E	1
17	13		IIIa/b		Debitage	569
17	13		IIIa/b	OR298	Flake, unanalyzed	1
17	13		IIIa/b	OR297	Projectile point, expanding concave B	1
17&15	10&13		IIIa/b		Debitage	7
17&15	10&13		IIIa/b	3009-11B	Edge modified flake	1
17&15	10&13		IIIa/b	3009-9A	Edge modified flake	1
17&15	10&13		IIIa/b	3009-13B	Edge modified flake	1
17&15	10&13		IIIa/b	3009-4B	Edge modified flake	1
17&15	10&13		IIIa/b	3009-3A	Edge modified flake	1
17&15	10&13		IIIa/b	3009-8B	Edge modified flake	1
17&15	10&13		IIIa/b	3009-9B	Edge modified flake	1
17&15	10&13		IIIa/b	3009-6B	Edge modified flake	1
17&15	10&13		IIIa/b	3009-8A	Edge modified flake	1
17&15	10&13		IIIa/b	3009-7A	Unifacial multiple tool	1
18	1		Fill	159-1	Biface fragment	1
18	1		Fill		Debitage	16
18	8		IIIc (fill)		Debitage	67
18	8		IIIc (fill)	195-1	Projectile point fragment	1
18	9		IIIb/c (fill)	371-1	Biface fragment	1
18	9		IIIb/c (fill)	OR60	Bifacial tool	1
18	9		IIIb/c (fill)		Debitage	481
18	9		IIIb/c (fill)	371-5	Edge modified flake	1
18	9		IIIb/c (fill)	371-2	Edge modified flake	1
18	9		IIIb/c (fill)	371-3	Edge modified flake	1
18	9		IIIb/c (fill)	402	Projectile point fragment	1
18	9		IIIb/c (fill)	378	Projectile point, Castroville	1
18	9		IIIb/c (fill)	379	Projectile point, expanding concave B	1
18	9		IIIb/c (fill)	388	Thin uniface	1
18	9		IIIb/c (fill)	OR58	Tool, unanalyzed	1
18	9		IIIb/c (fill)	371-4	Unifacial multiple tool	1
18	10		IIIb/c	OR61	Burin	1
18	10		IIIb/c		Debitage	1329
18	10		IIIb/c	412-4	Edge modified flake	1
18	10		IIIb/c	412-5	Edge modified flake	1
18	10		IIIb/c	412-7	Edge modified flake	1
18	10		IIIb/c	412-1	Edge modified flake	1
18	10		IIIb/c	412-3	Projectile point fragment	1
18	10		IIIb/c	412-6	Projectile point fragment	1
18	11		IIIb/c	589-1	Biface fragment	1
18	11		IIIb/c		Debitage	808
18	11		IIIb/c	2171-1	Edge modified flake	1
18	11		IIIb/c	2171-2	Micro-core, large	1
18	11		IIIb/c	589-2	Projectile point fragment	1
18	11		IIIb/c	OR230	Projectile point, Nolan-like	1
18	12		IIIb		Debitage	259
18	12		IIIb	607-2	Edge modified flake	1
18	12		IIIb	607-4	Edge modified flake	1
18	12		IIIb	OR244	Flake, unanalyzed	1
18	13		IIIb	653-3	Biface fragment	1
18	13		IIIb	653-6	Burin spall	1
18	13		IIIb		Debitage	271
18	13		IIIb	653-7	Edge modified flake	1
18	13		IIIb	653-4	Edge modified flake	1
18	13		IIIb	653-8	Thick uniface	1
18	14		IIIb		Debitage	128
19	1		Fill		Debitage	7
19	1		Fill	153	Projectile point, Kinney	1
19	1		Fill	170-1	Thin uniface	1
19	7		IIIc (fill)	OR22	Biface Stage 1	1
19	7		IIIc (fill)		Debitage	149
19	7		IIIc (fill)	230-3	Edge modified flake	1
19	7		IIIc (fill)	230-1	Projectile point fragment	1
19	8A		IIIb/c (fill)	330-2	Biface fragment	1
19	8A		IIIb/c (fill)	330-5	Biface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
19	8A		IIIb/c (fill)	OR56	Biface Stage 2	1
19	8A		IIIb/c (fill)		Debitage	724
19	8A		IIIb/c (fill)	OR54	Edge modified flake	1
19	8A		IIIb/c (fill)	262-1	Retouched blade	1
19	8B	Feature 203	IIIb/c (fill)		Debitage	1
19	9A		IIIb/c	365-2	Chert cobble, chunk	1
19	9A		IIIb/c		Debitage	1413
19	9A		IIIb/c	365-1	Projectile point fragment	1
19	9A		IIIb/c	OR69	Projectile point, Marcos	1
19	9B	Feature 203	IIIb/c		Debitage	131
19	9B	Feature 203	IIIb/c	OR66	Edge modified flake	1
19	10		IIIb/c		Debitage	941
19	10		IIIb/c	487-2	Edge modified flake	1
19	10		IIIb/c	487-3	Edge modified flake	1
19	10		IIIb/c	496	Mano	1
19	10		IIIb/c	487-1	Projectile point, Edgewood	1
19	11		IIIb	513-2	Biface fragment	1
19	11		IIIb	OR72	Biface Stage 2	1
19	11		IIIb		Debitage	799
19	11		IIIb	513-7	Edge modified flake	1
19	11		IIIb	513-3	Edge modified flake	1
19	11		IIIb	513-5	Edge modified flake, unanalyzed	1
19	12		IIIb	626-2	Biface fragment	1
19	12		IIIb		Debitage	457
19	12		IIIb	626-1B	Edge modified flake	1
19	12		IIIb	626-1A	Thin uniface	1
19	13		IIIb		Debitage	212
19	14A		IIIb		Debitage	303
19	14A		IIIb	663-7	Notched flake	1
20	1		Fill		Debitage	25
20	6		IIIc (fill)		Debitage	314
20	7		IIIc	203-5	Biface fragment	1
20	7		IIIc	OR13	Biface Stage 2	1
20	7		IIIc	190-3	Bifacial tool Form B	1
20	7		IIIc		Debitage	1013
20	7		IIIc	203-1	Denticulated flake	1
20	7		IIIc	203-2	Edge modified flake	1
20	7		IIIc	203-8	Edge modified flake	1
20	7		IIIc	203-4	Edge modified flake	1
20	7		IIIc	OR6	Edge modified flake	1
20	7		IIIc	203-7	Edge modified flake	1
20	7		IIIc	OR7	Flake, unanalyzed	1
20	7		IIIc	203-6	Unifacial multiple tool	1
20	8		IIIb/c	218-8	Biface fragment	1
20	8		IIIb/c	OR27	Biface Stage 1	1
20	8		IIIb/c		Debitage	1150
20	8		IIIb/c	218-1	Denticulated flake	1
20	8		IIIb/c	218-4	Edge modified flake	1
20	8		IIIb/c	OR26	Edge modified flake	1
20	8		IIIb/c	218-5	Edge modified flake	1
20	8		IIIb/c	302-1	Projectile point, Uvalde	1
20	9		IIIb/c	332-5	Biface Stage 2	1
20	9		IIIb/c	332-7	Core fragment	1
20	9		IIIb/c		Debitage	791
20	9		IIIb/c	332-3	Edge modified flake	1
20	9		IIIb/c	OR55	Perforator Group 1	1
20	9		IIIb/c	332-1	Projectile point, miscellaneous side-notched	1
20	9		IIIb/c	332-4	Projectile point, Pedernales	1
20	9		IIIb/c	332-2	Spurred flake	1
20	9		IIIb/c	332-9	Thin uniface fragment	1
20	10		IIIb		Debitage	746
20	10		IIIb	372-1	Edge modified flake	1
20	10		IIIb	372-2	Edge modified flake	1
20	10		IIIb	372-3	Edge modified flake	1
20	10		IIIb	OR57	Tool, unanalyzed	1
20	11A		IIIb	389-2	Biface fragment	1
20	11A		IIIb	389-1	Core tool, type 2	1
20	11A		IIIb		Debitage	410
20	11A		IIIb	389-4	Denticulated flake	1
20	11A		IIIb	389-6	Projectile point fragment	1
20	12A		IIIb		Debitage	281
20	12A		IIIb	417-2	Edge modified flake	1
20	12A		IIIb	OR62	Edge modified flake	1
20	12B	Feature 204	IIIb		Debitage	23

Square	Level	Feature	Strata	Item	Analyst Identification	Count
20	13A		IIIb		Debitage	267
20	13B	Feature 209	IIIb	OR217	Biface Stage 1	1
20	13B	Feature 209	IIIb		Debitage	22
20	13C	Feature 209	IIIb	523	Edge modified flake	1
20	14		IIIb	531-4	Burin spall	1
20	14		IIIb	531-3	Core, thermal	1
20	14		IIIb		Debitage	173
20	14		IIIb	OR219	Flake, unanalyzed	1
20	14		IIIb	OR223	Projectile point, Early Triangular	1
20	15		IIIa/b	545-2	Biface fragment	1
20	15		IIIa/b	545-3	Biface fragment	1
20	15		IIIa/b	OR221	Biface Stage 2	1
20	15		IIIa/b	OR222	Biface Stage 2	1
20	15		IIIa/b		Debitage	679
20	15		IIIa/b	545-1	Spurred flake	1
20	16A		IIIa/b		Debitage	317
20	16A		IIIa/b	562-1	Micro-core, intermediate	1
20	16A		IIIa/b	562-2	Unifacial multiple tool	1
20	16B	Feature 215	IIIa/b		Debitage	51
20	17		IIIa	582-3	Biface Stage 2	1
20	17		IIIa		Debitage	215
20	17		IIIa	582-4	Edge modified flake	1
20	17		IIIa	582-1	Unifacial multiple tool	1
20	18		IIIa	599-3	Burin spall	1
20	18		IIIa	599-4	Burin spall	1
20	18		IIIa		Debitage	497
20	18		IIIa	599-6	Projectile point fragment	1
20	19		IIIa	710-2	Biface fragment	1
20	19		IIIa	710-7	Burin spall	1
20	19		IIIa		Debitage	773
20	19		IIIa	710-6	Edge modified flake	1
20	19		IIIa	710-8	Edge modified flake	1
20	19		IIIa	710-5	Perforator Group 7	1
20	19		IIIa	OR389	Rock, unanalyzed	1
20	19		IIIa	OR388	Rock, unanalyzed	1
20	19		IIIa	710-1	Unifacial multiple tool	1
20	24		IIIa		Debitage	680
20	24		IIIa	OR405	Mano fragment	1
20	24		IIIa	1016-1B	Notched flake	1
20	24		IIIa	1016-2A	Thin uniface fragment	1
20	25	Feature 233	II/IIIa		Debitage	8
20	25A-B		II/IIIa		Debitage	69
20	25A-B		II/IIIa	1144-2	Edge modified flake	1
20	25A-B		II/IIIa	1144-1	Edge modified flake	1
20	25B	Feature 233	II/IIIa	OR437	Biface Stage 1	1
20	25B	Feature 233	II/IIIa		Debitage	174
20	25B	Feature 233	II/IIIa	1185-1	Edge modified flake	1
20	25B	Feature 233	II/IIIa	OR446	Flake, unanalyzed	1
20	26A		II/IIIa		Debitage	184
20	26A		II/IIIa	1244-2	Edge modified flake	1
20	26A		II/IIIa	OR459	Edge modified flake, unanalyzed	1
20	26A		II/IIIa	OR461	Thin uniface	1
20	26B	Feature 233	II/IIIa	OR457	Biface Stage 1	1
20	26B	Feature 233	II/IIIa		Debitage	20
20	27		II/IIIa	2430-1	Biface Stage 3	1
20	27		II/IIIa		Debitage	96
20	27		II/IIIa	1251-3	Denticulated flake	1
20	27		II/IIIa	OR465	Flake, unanalyzed	1
20	27		II/IIIa	OR466	Flake, unanalyzed	1
20	28		II/IIIa		Debitage	68
20	29A		II		Debitage	133
20	30		II		Debitage	162
20	30B		II		Debitage	25
20	31		II		Debitage	156
20	31		II	1537-2	Edge modified flake	1
20	31		II	OR532	Flake, unanalyzed	1
20	31		II	1537-1	Projectile point fragment	1
20	32		II	OR556	Core, unanalyzed	1
20	32		II		Debitage	92
20	32		II	OR567	Flake, unanalyzed	1
20	33		II		Debitage	161
20	33		II	1677-1	Thin uniface fragment	1
20	34		II	OR585	Burin spall	1
20	34		II		Debitage	131

Square	Level	Feature	Strata	Item	Analyst Identification	Count
20	35		II		Debitage	1
20	35		II	OR596	Rock, unanalyzed	1
20	36		II		Debitage	65
20	36		II	OR602	Flake, unanalyzed	1
20	36		II	OR604	Flake, unanalyzed	1
20	37		II		Debitage	24
20	38		Isi-c/II		Debitage	80
20	39		Isi-c		Debitage	14
20	40		Isi-c		Debitage	13
20	41		Isi-c		Debitage	4
20	42		Isi-c		Debitage	3
20	43		Isi-c		Debitage	2
20	44		Icl/Isi-c		Debitage	4
20	45		Icl/Isi-c	OR657	Core, thermal	1
20	45		Icl/Isi-c		Debitage	1
20	46		Icl/Isi-c		Debitage	1
20	48		Icl		Debitage	2
20	49		Icl		Debitage	3
20	49		Icl	2875-1	Edge modified flake	1
20	49		Icl	OR679	Flake, unanalyzed	1
20	50		Icl	OR689	Biface Stage 2	1
20	51		Icl		Debitage	1
20	52		Icl		Debitage	2
20	52		Icl	OR692	Flake, unanalyzed	1
20	52		Icl	2725-1	Thin uniface	1
20	53		Isi/Icl	OR705	Flake, unanalyzed	1
20	54A		Igl/Isi/Icl		Debitage	5
20	54B	Feature 261	Igl/Isi/Icl		Debitage	2
20	55A		Igl/Isi/Icl	2452-1	Edge modified flake	1
20	55B		Igl/Isi/Icl	OR724	Flake, unanalyzed	1
20&12	35		II		Debitage	152
21	1		Fill		Debitage	33
21	1		Fill	154-1	Edge modified flake	1
21	1		Fill	154-2	Edge modified flake	1
21	1		Fill	154-3	Edge modified flake	1
21	5		IIIc (fill)	175-5	Biface Stage 1	1
21	5		IIIc (fill)	175-6	Biface Stage 2	1
21	5		IIIc (fill)		Debitage	248
21	5		IIIc (fill)	175-4	Edge modified flake	1
21	5		IIIc (fill)	175-9	Edge modified flake	1
21	5		IIIc (fill)	175-2	Edge modified flake	1
21	5		IIIc (fill)	175-3	Edge modified flake	1
21	5		IIIc (fill)	175-1	Unifacial multiple tool	1
21	6A-B		IIIc (fill)	209-1	Biface Stage 2	1
21	6A-B		IIIc (fill)		Debitage	441
21	6A-B		IIIc (fill)	209-4	Edge modified flake	1
21	6A-B		IIIc (fill)	209-2	Retouched blade	1
21	6B		IIIc (fill)	253-1	Biface Stage 1	1
21	6B	Feature 201	IIIc (fill)	215-3	Biface fragment	1
21	6B	Feature 201	IIIc (fill)	185	Biface fragment	1
21	6B	Feature 201	IIIc (fill)	OR12	Biface Stage 2	1
21	6B	Feature 201	IIIc (fill)	OR14	Biface Stage 2	1
21	6B	Feature 201	IIIc (fill)		Debitage	1
21	6B	Feature 201	IIIc (fill)	185-11	Perforator Unifacial	1
21	7		IIIc	2167	Projectile point, Pedernales	1
21	7A		IIIc	260-1	Biface fragment	1
21	7A		IIIc	260-4	Burin spall	1
21	7A		IIIc		Debitage	334
21	7A		IIIc	260-13	Edge modified flake	1
21	7A		IIIc	260-5	Edge modified flake	1
21	7A		IIIc	260-9	Edge modified flake	1
21	7A		IIIc	260-8	Edge modified flake	1
21	7A		IIIc	260-14	Edge modified flake	1
21	7A		IIIc	260-1	Projectile point, Ensor	1
21	7A		IIIc	254-1	Projectile point, miscellaneous side-notched	1
21	7B		IIIc	367-15	Biface fragment	1
21	7B	Feature 201	IIIc		Debitage	776
21	8		IIIb/c	431-4	Biface fragment	1
21	8		IIIb/c	431-2	Biface Stage 1	1
21	8		IIIb/c		Debitage	2212
21	8		IIIb/c	431-10	Edge modified flake	1
21	8		IIIb/c	431-11	Edge modified flake	1
21	8		IIIb/c	431-12	Edge modified flake	1
21	8		IIIb/c	431-16	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
21	8		IIIb/c	431-21	Edge modified flake	1
21	8		IIIb/c	431-5	Edge modified flake	1
21	8		IIIb/c	431-8	Edge modified flake	1
21	8		IIIb/c	431-9	Edge modified flake	1
21	8		IIIb/c	OR67	Edge modified flake	1
21	8		IIIb/c	431-14	Edge modified flake	1
21	8		IIIb/c	431-15	Edge modified flake	1
21	8		IIIb/c	OR68	Flake, unanalyzed	1
21	8		IIIb/c	431-3	Projectile point fragment	1
21	8		IIIb/c	431-1	Projectile point, Castroville	1
21	8		IIIb/c	463	Projectile point, Marshall	1
21	8		IIIb/c	431-13	Unifacial multiple tool	1
21	9		IIIb/c	503-9	Biface fragment	1
21	9		IIIb/c	503-7	Biface fragment	1
21	9		IIIb/c	503-3	Biface Stage 1	1
21	9		IIIb/c	OR493	Biface Stage 1	1
21	9		IIIb/c	513-1	Burin spall	1
21	9		IIIb/c		Debitage	970
21	9		IIIb/c	503-5	Edge modified flake	1
21	9		IIIb/c	503-4	Edge modified flake	1
21	9		IIIb/c	503-2	Projectile point, Bell/Andice	1
21	9		IIIb/c	503-1	Projectile point, Castroville	1
21	9		IIIb/c	503-8	Retouched blade	1
21	10		IIIb	522-1	Core fragment	1
21	10		IIIb		Debitage	700
21	10		IIIb	522-2	Edge modified flake	1
21	10		IIIb	OR218	Flake, unanalyzed	1
21	10		IIIb	522-4	Projectile point fragment	1
21	11		IIIb	OR224	Biface Stage 2	1
21	11		IIIb		Debitage	587
21	11		IIIb	555-2	Edge modified flake	1
21	11		IIIb	555-1	Projectile point fragment	1
21	11		IIIb	555-3	Thin uniface	1
21	12		IIIb	584-1	Biface fragment	1
21	12		IIIb	OR227	Biface Stage 2	1
21	12		IIIb	OR228	Biface Stage 2	1
21	12		IIIb		Debitage	429
21	12		IIIb	584-4	Thin uniface fragment	1
21	13		IIIb		Debitage	217
21	13		IIIb	584-3	Edge modified flake	1
21	13		IIIb	OR231	Edge modified flake	1
21	13		IIIb	594-1	Edge modified flake	1
21	13		IIIb	OR232	Flake, unanalyzed	1
21	13		IIIb	594-2	Unifacial multiple tool	1
21	14		IIIb	OR245	Bifacial tool Form E	1
21	14		IIIb	649-1	Burin spall	1
21	14		IIIb		Debitage	206
21	14		IIIb	649-2	Edge modified flake	1
21	14		IIIb	OR263	Flake, unanalyzed	1
21	14		IIIb	OR265	Projectile point, indeterminate	1
22	1		Fill		Debitage	33
22	1		Fill	141-2	Edge modified flake	1
22	1		Fill	142	Projectile point, Bulverde-like	1
22	1		Fill	141-1	Unifacial multiple tool	1
22	4		Fill		Debitage	14
22	5		IIIc (fill)	211-1	Biface Stage 3	1
22	5		IIIc (fill)	208-5	Burin	1
22	5		IIIc (fill)	208-1	Burin	1
22	5		IIIc (fill)		Debitage	669
22	5		IIIc (fill)	208-4	Edge modified flake	1
22	5		IIIc (fill)	208-6	Edge modified flake	1
22	5		IIIc (fill)	208-2	Edge modified flake	1
22	5		IIIc (fill)	208-3	Edge modified flake	1
22	5		IIIc (fill)	208-7	Notched flake	1
22	5		IIIc (fill)	211-2	Projectile point fragment	1
22	5		IIIc (fill)	208-9	Unifacial multiple tool	1
22	6		IIIc		Debitage	1058
22	6		IIIc	226-4	Edge modified flake	1
22	6		IIIc	226-1	Notched flake	1
22	6		IIIc	OR28	Notched flake	1
22	7		IIIc	OR50	Biface Stage 2	1
22	7		IIIc	OR53	Biface Stage 2	1
22	7		IIIc		Debitage	1532
22	7		IIIc	286-3	Denticulated flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
22	7		IIIc	286-8A	Edge modified flake	1
22	7		IIIc	286-8B	Edge modified flake	1
22	7		IIIc	286-7	Notched flake	1
22	7		IIIc	286-1	Projectile point, miscellaneous side-notched	1
22	7		IIIc	286-2	Retouched blade	1
22	7-10		IIIc		Debitage	83
22	7-10		IIIc	650-2	Edge modified flake	1
22	8	Feature 205	IIIb/c	399-7	Biface fragment	1
22	8	Feature 205	IIIb/c	399-8	Biface Stage 2	1
22	8	Feature 205	IIIb/c	399-12	Burin	1
22	8	Feature 205	IIIb/c	399-11	Core fragment	1
22	8	Feature 205	IIIb/c		Debitage	1419
22	8	Feature 205	IIIb/c	399-5	Edge modified flake	1
22	8	Feature 205	IIIb/c	399-1	Projectile point, Montell	1
22	8	Feature 205	IIIb/c	426	Projectile point, Montell	1
22	8	Feature 205	IIIb/c	399-6	Unifacial multiple tool	1
22	8-10		IIIb/c		Debitage	85
22	9A		IIIb/c		Debitage	541
22	9B	Feature 210	IIIb/c		Debitage	61
22	9B	Feature 210	IIIb/c	558-2	Edge modified flake	1
22	9B	Feature 210	IIIb/c	558-1	Projectile point fragment	1
22	10A		IIIb	538-4	Biface fragment	1
22	10A		IIIb	538-8	Burin spall	1
22	10A		IIIb		Debitage	696
22	10A		IIIb	538-5	Edge modified flake	1
22	10A		IIIb	538-1	Edge modified flake	1
22	10A		IIIb	538-3	Thin uniface fragment	1
22	10B	Feature 210	IIIb		Debitage	185
22	11		IIIb	OR225	Biface Stage 2	1
22	11		IIIb	572-1	Burin spall	1
22	11		IIIb		Debitage	692
22	11		IIIb	572-4	Edge modified flake	1
22	11		IIIb	572-3	Edge modified flake	1
22	11		IIIb	572-6	Edge modified flake	1
22	11		IIIb	572-2	Edge modified flake	1
22	11		IIIb	OR226	Flake, unanalyzed	1
22	11		IIIb	OR229	Projectile point, Lange-like	1
22	12A		IIIb		Debitage	411
22	12A		IIIb	610-1	Edge modified flake	1
22	12A		IIIb	OR233	Flake, unanalyzed	1
22	12A		IIIb	OR240	Flake, unanalyzed	1
22	13		IIIb	644-3	Biface fragment	1
22	13		IIIb	644-9	Biface fragment	1
22	13		IIIb	644-2	Biface Stage 1	1
22	13		IIIb	644-1	Biface Stage 3	1
22	13		IIIb		Debitage	238
22	13		IIIb	644-4	Edge modified flake	1
22	13		IIIb	644-7	Edge modified flake	1
22	13		IIIb	644-5	Edge modified flake	1
22	13		IIIb	OR278	Projectile point, Bell/Andice	1
22	13		IIIb	OR279	Projectile point, Bell/Andice	1
22	13		IIIb	OR275	Thick uniface	1
22	14		IIIb	675-2	Biface fragment	1
22	14		IIIb	1400-1	Biface Stage 1	1
22	14		IIIb		Debitage	241
22	14		IIIb	675-6	Possible ground stone	1
22	14		IIIb	675-3	Projectile point fragment	1
23	Wall			134	Biface Stage 2	1
25	14		IIIb	697-1	Biface fragment	1
25	14		IIIb	OR291	Biface Stage 2	1
25	14		IIIb	OR294	Clear Fork biface	1
25	14		IIIb		Debitage	239
25	14		IIIb	697-2	Edge modified flake	1
25	14		IIIb	OR293	Flake, unanalyzed	1
25	15		IIIb	739-1	Biface fragment	1
25	15		IIIb	728-1	Biface Stage 1	1
25	15		IIIb		Debitage	515
25	15		IIIb	724-1	Edge modified flake	1
25	15		IIIb	724-3	Edge modified flake	1
25	15		IIIb	724-5	Edge modified flake	1
25	16		IIIb	759-1	Biface fragment	1
25	16		IIIb	748-2	Burin spall	1
25	16		IIIb		Debitage	464
25	16		IIIb	748-3	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
25	16		IIIb	748-4	Edge modified flake	1
25	16		IIIb	748-1	Edge modified flake	1
25	16		IIIb	758-1	Spurred flake	1
25	16		IIIb	780-1	Thin uniface	1
25	17		IIIb	OR317	Biface Stage 2	1
25	17		IIIb	481-1	Core fragment	1
25	17		IIIb		Debitage	125
25	17		IIIb	481-2	Edge modified flake	1
25	17		IIIb	OR319	Perforator Group 7	1
25	18		IIIb		Debitage	164
25	19		IIIa/b		Debitage	176
25	20		IIIa/b	871-1	Burin	1
25	20		IIIa/b		Debitage	258
25	21		IIIa		Debitage	188
25	21		IIIa	909-1	Edge modified flake	1
25	22		IIIa		Debitage	342
25	22		IIIa	924-1	Projectile point, miscellaneous lanceolate	1
25	24		IIIa		Debitage	608
25	24		IIIa	978-2	Edge modified flake	1
25	24		IIIa	978-1	Thin uniface fragment	1
25	25		IIIa	1040-4	Bifacial tool Form A	1
25	25		IIIa		Debitage	470
25	25		IIIa	1040-3	Edge modified flake	1
25	25		IIIa	1040-6	Edge modified flake	1
25	25		IIIa	1040-8	Microspur/microdenticulate	1
25	25		IIIa	1040-5	Spurred flake	1
25	26		II/IIIa	1161-4	Biface fragment	1
25	26		II/IIIa	1161-2	Biface Stage 2	1
25	26		II/IIIa	1161-3	Burin spall	1
25	26		II/IIIa		Debitage	514
25	26		II/IIIa	1161-1	Edge modified flake	1
25	27		II/IIIa	1196-3	Biface fragment	1
25	27		II/IIIa	1196-2	Chert cobble, unmodified/tested	1
25	27		II/IIIa		Debitage	359
25	28		II/IIIa		Debitage	184
25	29		II		Debitage	89
25	30		II		Debitage	129
25	31		II		Debitage	104
25	31		II	OR498	Projectile point, St. Mary's Hall	1
25	31		II	1377-1	Unifacial multiple tool	1
25	32		II		Debitage	139
25	32		II	1411-2	Microspur/microdenticulate	1
25	32		II	1411-3	Projectile point fragment	1
25	33		II		Debitage	564
25	33		II	OR543	Projectile point, St. Mary's Hall-atypic	1
25	33		II	1293-2	Thin uniface fragment	1
25	34		II	1598-1	Biface fragment	1
25	34		II		Debitage	275
25	35		II		Debitage	120
25	35		II	1715-1	Edge modified flake	1
25	36		Isi-c/II	OR581	Core fragment	1
25	36		Isi-c/II		Debitage	78
25	37		Isi-c/II		Debitage	40
25	37		Isi-c/II	1634-1	Edge modified flake, unanalyzed	1
25	38		Isi-c/II		Debitage	36
25	39		Isi-c		Debitage	23
25	39-45		Isi-c		Debitage	2
25	39-53		Isi-c		Debitage	4
26	15		IIIb	OR289	Clear Fork uniface	1
26	15		IIIb		Debitage	360
26	16		IIIa/b		Debitage	295
26	16		IIIa/b	OR306	Projectile point, Martindale A	1
26	17		IIIa/b		Debitage	103
26	18		IIIa/b		Debitage	118
26	18		IIIa/b	407-1	Microspur/microdenticulate	1
26	19		IIIa/b		Debitage	254
26	19		IIIa/b	810-1	Edge modified flake	1
26	20		IIIa/b	OR329	Biface Stage 1	1
26	20		IIIa/b	OR330	Biface Stage 2	1
26	20		IIIa/b		Debitage	221
26	21		IIIa		Debitage	162
26	21		IIIa	855-1	Edge modified flake	1
26	21		IIIa	OR339	Perforator Group 7	1
26	22		IIIa		Debitage	254

Square	Level	Feature	Strata	Item	Analyst Identification	Count
26	22		IIIa	897-1	Edge modified flake	1
26	24		IIIa		Debitage	531
26	24		IIIa	938-1	Thin uniface fragment	1
26	24		IIIa	OR365	Thin uniface fragment	1
26	25		IIIa		Debitage	761
26	25		IIIa	1094-3	Edge modified flake	1
26	25		IIIa	1094-5	Possible ground stone	1
26	25		IIIa	OR432	Projectile point fragment	1
26	25		IIIa	OR422	Thin uniface	1
26	26		IIIa		Debitage	672
26	26		IIIa	OR440	Flake, unanalyzed	1
26	26		IIIa	1153-1	Unifacial multiple tool	1
26	27		II/IIIa	1199-1	Burin	1
26	27		II/IIIa		Debitage	413
26	28		II/IIIa		Debitage	134
26	28		II/IIIa	OR469	Flake, unanalyzed	1
26	29		II/IIIa	1378-1	Core fragment	1
26	29		II/IIIa		Debitage	184
26	29		II/IIIa	OR505	Flake, unanalyzed	1
26	29		II/IIIa	OR517	Flake, unanalyzed	1
26	30		II		Debitage	168
26	30		II	1419-2	Edge modified flake	1
26	30		II	1419-3	Edge modified flake	1
26	30		II	1419-1	Unifacial multiple tool	1
26	31		II		Debitage	154
26	31		II	1467-1	Edge modified flake	1
26	31		II	OR525	Flake, unanalyzed	1
26	32		II	1500-3	Biface fragment	1
26	32		II	1500-5	Biface fragment	1
26	32		II	1500-6	Biface fragment	1
26	32		II	1506-3	Biface fragment	1
26	32		II		Debitage	162
26	32		II	1500-1	Edge modified flake	1
26	33		II	1667-1	Biface fragment	1
26	33		II		Debitage	150
26	33		II	1667-2	Thin uniface fragment	1
26	34		II	OR583	Biface	1
26	34		II		Debitage	170
26	34		II	1716-1	Edge modified flake	1
26	35		II		Debitage	74
26	36		II	1629-1	Arrow point, Scallorn	1
26	36		II		Debitage	58
26	37		Id/II	1821-1	Core, thermal	1
26	37		Id/II		Debitage	37
26	37		Id/II	OR605	Projectile point, San Patrice?	1
26	38		Isi-c/Id/II	OR620	Biface Stage 2	1
26	38		Isi-c/Id/II		Debitage	57
26	38		Isi-c/Id/II	1879-1	Edge modified flake	1
26	39		Isi-c/Id	OR751	Biface Stage 1	1
26	39		Isi-c/Id		Debitage	5
26	40		Isi-c		Debitage	9
26	41		Isi-c		Debitage	24
26	41		Isi-c	OR642	Edge modified flake	1
26	42		Isi-c		Debitage	17
26	43		Icl/Isi-c		Debitage	12
26	44		Icl/Isi-c		Debitage	7
26	45		Icl/Isi-c		Debitage	2
26	46		Icl/Isi-c		Debitage	3
26	47		Icl		Debitage	3
26	47		Icl	OR669	Flake, unanalyzed	1
26	48		Icl		Debitage	16
26	49		Icl		Debitage	10
26	50		Isi/Icl		Debitage	10
26	51		Isi/Icl		Debitage	19
26	51		Isi/Icl	OR730	Flake, unanalyzed	1
26	51		Isi/Icl	OR731	Flake, unanalyzed	1
26	52		Igl/Isi/Icl	2516-1	Biface fragment	1
26	52		Igl/Isi/Icl		Debitage	7
26	53		Igl/Isi/Icl		Debitage	5
26	53B		Igl/Isi/Icl		Debitage	1
26	54A		Igl/Isi		Debitage	2
26	55		Igl/Isi		Debitage	2
26	58		Igl	OR740	Flake, unanalyzed	1
26	59		Igl		Debitage	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
27			Unknown	657-1	Projectile point, expanding stem D	1
27	14		IIIb	678-3	Biface fragment	1
27	14		IIIb	678-1	Biface Stage 2	1
27	14		IIIb	678-2	Perforator Group 7	1
27	15		IIIb	698-4	Biface fragment	1
27	15		IIIb		Debitage	228
27	15		IIIb	698-5	Edge modified flake	1
27	15		IIIb	698-7	Edge modified flake	1
27	15		IIIb	698-3	Projectile point, Bandy	1
27	15		IIIb	698-2	Projectile point, expanding stem C	1
27	15		IIIb	698-1	Projectile point, rectangular stem A	1
27	16		IIIa/b	OR305	Biface Stage 1	1
27	16		IIIa/b		Debitage	286
27	16		IIIa/b	715-1	Edge modified flake	1
27	16		IIIa/b	715-5	Edge modified flake	1
27	16		IIIa/b	715-6	Unifacial multiple tool	1
27	17		IIIa/b		Debitage	178
27	18		IIIa/b		Debitage	164
27	19		IIIa		Debitage	194
27	19		IIIa	798-1	Projectile point fragment	1
27	20	Feature 231	IIIa		Debitage	238
27	21		IIIa	890	Possible ground stone	1
27	21	Feature 231	IIIa	887-1	Biface fragment	1
27	21	Feature 231	IIIa	887-6	Biface Stage 3	1
27	21	Feature 231	IIIa		Debitage	213
27	21	Feature 231	IIIa	887-5	Edge modified flake	1
27	22	Feature 225	IIIa		Debitage	313
27	22	Feature 225	IIIa	OR362	Flake, unanalyzed	1
27	22	Feature 225	IIIa	OR376	Rock, unanalyzed	1
27	24	Feature 231/245	IIIa	OR408	Biface Stage 2	1
27	24	Feature 231/245	IIIa	OR406	Core fragment	1
27	24	Feature 231/245	IIIa		Debitage	1
27	24	Feature 231/245	IIIa	OR398	Flake, unanalyzed	1
27	24	Feature 231/245	IIIa	OR419	Perforator Group 7	1
27	24	Feature 231/245	IIIa	OR396	Projectile point, contracting stem, concave base	1
27	24-25	Feature 231/245	IIIa		Debitage	880
27	25	Feature 231/245	IIIa		Debitage	32
27	26	Feature 231/245	II/IIIa	1289-1	Biface Stage 3	1
27	26	Feature 231/245	II/IIIa		Debitage	417
27	26	Feature 231/245	II/IIIa	1289-3	Edge modified flake	1
27	26	Feature 231/245	II/IIIa	OR480	Flake, unanalyzed	1
27	26	Feature 231/245	II/IIIa	OR472	Flake, unanalyzed	1
27	27A		II/IIIa	1376-3	Biface fragment	1
27	27A		II/IIIa	1376-2	Biface Stage 1	1
27	27A		II/IIIa		Debitage	241
27	27A		II/IIIa	OR495	Flake, unanalyzed	1
27	27A		II/IIIa	1376-1	Micro-core, large	1
27	27A		II/IIIa	OR513	Projectile point, Hoxie	1
27	27B-29B	Feature 240	II/IIIa		Debitage	31
27	28A		II/IIIa		Debitage	166
27	28A		II/IIIa	1456-1	Edge modified flake	1
27	28A		II/IIIa	1456-3	Edge modified flake	1
27	28A		II/IIIa	OR518	Flake, unanalyzed	1
27	28A		II/IIIa	OR523	Flake, unanalyzed	1
27	28A		II/IIIa	OR550	Flake, unanalyzed	1
27	28A		II/IIIa	1456-2	Thin uniface	1
27	28B	Feature 240	II/IIIa	OR520	Flake, unanalyzed	1
27	29A		II/IIIa	OR562	Biface Stage 2	1
27	29A		II/IIIa	OR557	Flake, unanalyzed	1
27	29A		II/IIIa	OR564	Flake, unanalyzed	1
27	29A		II/IIIa	OR561	Projectile point, Golondrina-Barber	1
27	29A-30		II	1610-1	Biface fragment	1
27	29A-30		II		Debitage	93
27	30A		II		Debitage	54
27	30B	Feature 240	II		Debitage	67
27	31		II		Debitage	97
27	32		II		Debitage	156
27	33		II		Debitage	112
27	33		II	OR622	Edge modified flake	1
27	34		II		Debitage	132
27	35		II		Debitage	82
27	36		II		Debitage	35
27	37		Id/II		Debitage	10
27	38		Id/II		Debitage	19

Square	Level	Feature	Strata	Item	Analyst Identification	Count
27	38		Id/II	OR656	Flake, unanalyzed	1
27	39		Id	OR667	Biface Stage 2	1
27	39		Id		Debitage	25
27	40		Isi-c/Id		Debitage	13
27	41		Isi-c		Debitage	16
27	42		Isi-c		Debitage	15
27	43		Icl/Isi-c		Debitage	10
27	44		Icl/Isi-c		Debitage	5
27	45		Icl		Debitage	6
27	46		Icl		Debitage	5
27	47		Icl		Debitage	6
27	48		Icl		Debitage	6
27	49		Icl		Debitage	17
27	49		Icl	OR681	Flake, unanalyzed	1
27	50		Isi/Icl		Debitage	9
27	50		Isi/Icl	OR714	Flake, unanalyzed	1
27	50		Isi/Icl	OR713	Flake, unanalyzed	1
27	51		Isi/Icl		Debitage	3
27	51A		Isi/Icl		Debitage	2
27	51B	Feature 262	Isi/Icl		Debitage	1
27	52		Isi/Icl		Debitage	3
27	52A		Isi/Icl		Debitage	3
27	52B	Feature 262	Isi/Icl	OR722	Biface Stage 2	1
27	53		Igl/Isi/Icl		Debitage	2
27	53		Igl/Isi/Icl	OR732	Flake, unanalyzed	1
27	53B		Igl/Isi/Icl		Debitage	1
27	54A		Igl/Isi/Icl		Debitage	1
27	54B		Igl/Isi/Icl		Debitage	3
27	54B		Igl/Isi/Icl	OR734	Projectile point, Clovis distal	1
27	57		Igl		Debitage	6
27	58		Igl		Debitage	2
27	59		Igl		Debitage	3
27	59		Igl	2661-1	Edge modified flake	1
28	15		IIIb	701-3	Biface fragment	1
28	15		IIIb	701-2	Biface Stage 2	1
28	15		IIIb	701-4	Burin	1
28	15		IIIb		Debitage	253
28	16		IIIa/b	729-8	Biface fragment	1
28	16		IIIa/b	729-9	Burin spall	1
28	16		IIIa/b		Debitage	400
28	16		IIIa/b	729-4	Edge modified flake	1
28	16		IIIa/b	729-3	Edge modified flake	1
28	16		IIIa/b	729-1	Edge modified flake	1
28	16		IIIa/b	729-7	Thin uniface	1
28	16		IIIa/b	729-5	Thin uniface fragment	1
28	17		IIIa/b	753-1	Biface Stage 2	1
28	17		IIIa/b		Debitage	176
28	17		IIIa/b	OR314	Edge modified flake	1
28	18		IIIa/b		Debitage	175
28	19	Feature 231	IIIa	831-1	Biface Stage 2	1
28	19	Feature 231	IIIa		Debitage	329
28	19	Feature 231	IIIa	OR327	Flake, unanalyzed	1
28	20	Feature 231	IIIa		Debitage	841
28	21	Feature 231	IIIa		Debitage	463
28	21	Feature 231	IIIa	979-4	Edge modified flake	1
28	21	Feature 231	IIIa	979-3	Edge modified flake	1
28	21	Feature 231	IIIa	979-1	Edge modified flake	1
28	21	Feature 231	IIIa	979-2	Edge modified flake	1
28	22	Feature 231	IIIa		Debitage	488
28	22	Feature 231	IIIa	OR423	Perforator Group 7	1
28	22	Feature 231	IIIa	1025-2	Unifacial multiple tool	1
28	24	Feature 245	IIIa		Debitage	316
28	24	Feature 245	IIIa	1488-1	Edge modified flake	1
28	24-27	Feature 245	IIIa		Debitage	20
28	25	Feature 245	IIIa	OR558	Burned limestone, unanalyzed	1
28	25	Feature 245	IIIa		Debitage	330
28	25	Feature 245	IIIa	1978-1	Edge modified flake	1
28	25	Feature 245	IIIa	OR634	Flake, unanalyzed	1
28	25	Feature 245	IIIa	OR551	Flake, unanalyzed	1
28	25	Feature 245	IIIa	OR565	Rock, unanalyzed	1
28	25	Feature 245	IIIa	OR559	Rock, unanalyzed	1
28	26	Feature 245	II/IIIa		Debitage	351
28	26	Feature 245	II/IIIa	OR580	Flake, unanalyzed	1
28	26	Feature 245	II/IIIa	2008-1	Perforator Unifacial	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
28	26	Feature 245	II/IIIa	OR639	Rock, unanalyzed	1
28	26	Feature 245	II/IIIa	OR569	Rock, unanalyzed	1
28	26	Feature 245	II/IIIa	OR579	Rock, unanalyzed	1
28	27A		II/IIIa	1627-1	Biface fragment	1
28	27A		II/IIIa	OR590	Biface Stage 2	1
28	27A		II/IIIa		Debitage	169
28	27A		II/IIIa	1627-2	Edge modified flake	1
28	27A		II/IIIa	OR589	Flake, unanalyzed	1
28	27B	Feature 245	II/IIIa		Debitage	195
28	27B	Feature 245	II/IIIa	2091-1	Edge modified flake	1
28	28		II/IIIa		Debitage	140
28	28		II/IIIa	2095-1	Edge modified flake	1
28	28A		II/IIIa	1788-1	Biface fragment	1
28	28A		II/IIIa		Debitage	85
28	28A		II/IIIa	OR594	Flake, unanalyzed	1
28	28A		II/IIIa	OR599	Flake, unanalyzed	1
28	28B		II/IIIa		Debitage	32
28	28C	Feature 248	II/IIIa		Debitage	4
28	29		II/IIIa		Debitage	33
28	29A		II/IIIa	1890-3	Biface fragment	1
28	29A		II/IIIa	1890-1	Biface fragment, unanalyzed	1
28	29A		II/IIIa		Debitage	59
28	29A		II/IIIa	1890-2	Edge modified flake	1
28	29B		II/IIIa		Debitage	19
28	30A		II/IIIa		Debitage	106
28	30B		II/IIIa		Debitage	20
28	30B		II/IIIa	2120-1	Edge modified flake	1
28	31		II	OR647	Flake, unanalyzed	1
28	31		II	OR646	Projectile point, miscellaneous lanceolate	1
28	31A		II		Debitage	68
28	31A		II	OR655	Flake, unanalyzed	1
28	31B	Feature 254	II		Debitage	42
28	32		II		Debitage	176
28	33		II		Debitage	100
28	33		II	OR661	Flake, unanalyzed	1
28	34		II		Debitage	62
28	35		II		Debitage	69
28	36		Id/II		Debitage	23
28	37		Id		Debitage	12
28	37		Id	OR672	Flake, unanalyzed	1
28	38		Isi-c/Id		Debitage	15
28	38		Isi-c/Id	2653-1	Edge modified flake	1
28	39		Isi-c/Id		Debitage	6
28	40		Isi-c		Debitage	14
28	41		Isi-c		Debitage	27
28	42		Isi-c		Debitage	4
28	43		Isi-c		Debitage	7
28	44		Icl/Isi-c		Debitage	11
28	45		Icl/Isi-c		Debitage	8
28	45		Icl/Isi-c	OR697	Flake, unanalyzed	1
28	45		Icl/Isi-c	OR695	Flake, unanalyzed	1
28	45		Icl/Isi-c	OR694	Flake, unanalyzed	1
28	46		Icl/Isi-c		Debitage	3
28	46		Icl/Isi-c	OR700	Flake, unanalyzed	1
28	47		Icl/Isi-c		Debitage	15
28	47		Icl/Isi-c	OR706	Flake, unanalyzed	1
28	48		Icl/Isi-c		Debitage	15
28	48		Icl/Isi-c	OR709	Thin uniface	1
28	49		Icl		Debitage	21
28	49		Icl	OR711	Flake, unanalyzed	1
28	50		Isi/Icl	2585-1	Bifacial tool	1
28	50		Isi/Icl		Debitage	6
28	51		Isi/Icl		Debitage	6
28	52		Isi/Icl		Debitage	2
28	52		Isi/Icl	OR729	Tool, unanalyzed	1
28	53		Isi/Icl		Debitage	6
28	54B		Igl/Isi/Icl		Debitage	1
28	55		Igl/Isi		Debitage	5
28	56		Igl		Debitage	1
28	57		Igl		Debitage	1
30	14		IIIa	708-1	Biface Stage 2	1
30	14		IIIa	OR292	Biface Stage 3	1
30	14		IIIa		Debitage	1300
30	14		IIIa	686-7	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
30	14		IIIa	686-8	Edge modified flake	1
30	14		IIIa	686-2	Edge modified flake	1
30	14		IIIa	686-5	Edge modified flake	1
30	14		IIIa	686-4	Notched flake	1
30	14		IIIa	686-9	Thin uniface fragment	1
30	14		IIIa	686-1	Unifacial multiple tool	1
30	15		IIIa	716-2	Biface Stage 1	1
30	15		IIIa	716-3	Biface Stage 2	1
30	15		IIIa		Debitage	739
30	15		IIIa	716-1	Edge modified flake	1
30	15		IIIa	OR300	Flake, unanalyzed	1
30	15		IIIa	OR301	Flake, unanalyzed	1
30	15		IIIa	OR302	Flake, unanalyzed	1
30	15		IIIa	716-4	Metate fragment	1
30	16		IIIa	OR309	Biface Stage 2	1
30	16		IIIa	744-2	Burin spall	1
30	16		IIIa		Debitage	455
30	17		IIIa	765-3	Biface fragment	1
30	17		IIIa		Debitage	367
30	17		IIIa	OR326	Flake, unanalyzed	1
30	17		IIIa	OR325	Flake, unanalyzed	1
30	17		IIIa	765-1	Projectile point fragment	1
30	18		II/IIIa		Debitage	509
30	18		II/IIIa	814-1	Edge modified flake	1
30	18		II/IIIa	814-2	Edge modified flake	1
30	18		II/IIIa	814-4	Edge modified flake	1
30	18		II/IIIa	OR331	Flake, unanalyzed	1
30	19		II/IIIa	862-2	Biface fragment	1
30	19		II/IIIa	867	Biface Stage 1	1
30	19		II/IIIa		Debitage	438
30	19		II/IIIa	862-1	Edge modified flake	1
30	19		II/IIIa	OR341	Flake, unanalyzed	1
30	20A		II/IIIa		Debitage	374
30	20A		II/IIIa	904-1	Edge modified flake	1
30	20A		II/IIIa	904-2	Edge modified flake	1
30	20B	Feature 227	II/IIIa	OR353	Biface Stage 2	1
30	21A		II		Debitage	171
30	21A		II	933-1	Microspur/microdenticulate	1
30	21B	Feature 227	II		Debitage	107
30	21B	Feature 227	II	948	Possible ground stone	1
30	21B	Feature 227	II	OR378	Rock, unanalyzed	1
30	21B	Feature 227	II	941-2	Thin uniface fragment	1
30	22A		II		Debitage	198
30	22A		II	962-2	Edge modified flake	1
30	22A		II	OR367	Flake, unanalyzed	1
30	22B	Feature 227	II	988-1	Core, thermal	1
30	22B	Feature 227	II		Debitage	82
30	22B	Feature 227	II	OR379	Rock, unanalyzed	1
30	23		II		Debitage	152
30	23		II	OR392	Flake, unanalyzed	1
30	24		II		Debitage	133
30	24		II	OR400	Edge modified flake	1
30	25		II		Debitage	45
30	26		II		Debitage	89
30	26		II	1121-1	Edge modified flake	1
30	27		II	OR434	Core, unanalyzed	1
30	27		II		Debitage	85
30	28		Isi-c/II		Debitage	113
30	28		Isi-c/II	1070-2	Projectile point, San Patrice?	1
30	28	Feature 234	Isi-c/II	OR442	Flake, unanalyzed	1
30	29B	Feature 234	Isi-c/II		Debitage	81
30	30	Feature 234	Isi-c/II		Debitage	81
30	31	Feature 234	Isi-c/II	OR455	Flake, unanalyzed	1
30	31B	Feature 234	Isi-c/II		Debitage	136
30	32		Isi-c		Debitage	167
30	33A		Isi-c		Debitage	106
30	34A		Isi-c		Debitage	191
30	34A		Isi-c	1348-1	Edge modified flake	1
30	34B	Feature 238	Isi-c		Debitage	16
30	34B	Feature 238	Isi-c	OR510	Flake, unanalyzed	1
30	35		Isi/Isi-c		Debitage	42
30	35		Isi/Isi-c	1426-2	Edge modified flake	1
30	35		Isi/Isi-c	OR519	Projectile point, Wilson	1
30	35		Isi/Isi-c	1426-1	Thin uniface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
30	36		Isi/Isi-c		Debitage	55
30	37		Isi/Isi-c		Debitage	21
30	38		Isi		Debitage	13
30	39		Isi	1601-2	Biface fragment	1
30	39		Isi	1601-4	Burin spall	1
30	39		Isi		Debitage	10
30	40		Isi		Debitage	10
30	41		Isi		Debitage	6
30	42		Isi		Debitage	23
30	43		Isi		Debitage	12
32	14		IIIa		Debitage	682
32	14		IIIa	683-4	Edge modified flake	1
32	14		IIIa	683-5	Edge modified flake	1
32	14		IIIa	683-6	Edge modified flake	1
32	14		IIIa	683-2	Unifacial multiple tool	1
32	15		IIIa	702-2	Biface fragment	1
32	15		IIIa		Debitage	468
32	15		IIIa	702-3	Edge modified flake	1
32	15		IIIa	702-1	Unifacial multiple tool	1
32	16		IIIa		Debitage	370
32	16		IIIa	717-1	Microspur/microdenticulate	1
32	17		IIIa	743-1	Clear Fork biface	1
32	17		IIIa		Debitage	340
32	17		IIIa	OR311	Flake, unanalyzed	1
32	17		IIIa	743-2	Worked hematite	1
32	17		IIIa	743-3	Worked hematite	1
32	18		IIIa	772-1	Biface fragment	1
32	18		IIIa		Debitage	480
32	18		IIIa	OR320	Flake, unanalyzed	1
32	19		IIIa	863-3	Biface Stage 3	1
32	19		IIIa		Debitage	734
32	19		IIIa	863-2	Microspur/microdenticulate	1
32	19		IIIa	863-1	Projectile point fragment	1
32	19		IIIa	OR344	Projectile point, Hoxie/Gower	1
32	20A		II/IIIa	OR354	Bifacial tool Form A	1
32	20A		II/IIIa	908-4	Blade	1
32	20A		II/IIIa	908-1	Core, thermal	1
32	20A		II/IIIa		Debitage	675
32	20A		II/IIIa	908-6	Edge modified flake	1
32	20A		II/IIIa	908-3	Edge modified flake	1
32	20A		II/IIIa	908-2	Edge modified flake	1
32	20B		II/IIIa		Debitage	87
32	20B		II/IIIa	915-2	Edge modified flake	1
32	21		II/IIIa		Debitage	227
32	22		II/IIIa	932-2	Biface fragment	1
32	22		II/IIIa		Debitage	404
32	22		II/IIIa	932-1	Microspur/microdenticulate	1
32	24		II	973-1	Biface fragment	1
32	24		II		Debitage	150
32	24		II	973-2	Edge modified flake	1
32	24		II	OR370	Flake, unanalyzed	1
32	25		II		Debitage	100
32	26		II		Debitage	78
32	27		II		Debitage	104
32	28A		Isi-c/II	OR456	Burin spall	1
32	28A		Isi-c/II		Debitage	174
32	28A		Isi-c/II	OR453	Flake, unanalyzed	1
32	28B	Feature 235	Isi-c/II	OR754	Burned limestone, unanalyzed	1
32	29A		Isi-c/II	1263-1	Core, thermal	1
32	29A		Isi-c/II		Debitage	165
32	29A		Isi-c/II	OR464	Flake, unanalyzed	1
32	29A		Isi-c/II	OR463	Flake, unanalyzed	1
32	29B	Feature 235	Isi-c/II		Debitage	97
32	29B	Feature 235	Isi-c/II	OR468	Flake, unanalyzed	1
32	30		Isi-c/II		Debitage	493
32	30		Isi-c/II	1291-3	Edge modified flake	1
32	30		Isi-c/II	OR474	Flake, unanalyzed	1
32	30		Isi-c/II	1291-1	Projectile point, St. Mary's Hall	1
32	30		Isi-c/II	1291-4	Thin uniface fragment	1
32	31		Isi-c/Id/II		Debitage	104
32	32		Isi-c/Id	OR486	Core, unanalyzed	1
32	32		Isi-c/Id		Debitage	116
32	32		Isi-c/Id	1317-1	Edge modified flake	1
32	32		Isi-c/Id	OR487	Flake, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
32	33		Isi-c/Id		Debitage	122
32	33		Isi-c/Id	1397-2	Edge modified flake	1
32	33		Isi-c/Id	1397-3	Edge modified flake	1
32	33		Isi-c/Id	OR494	Flake, unanalyzed	1
32	33		Isi-c/Id	1397-1	Perforator Group 2	1
32	34		Isi-c/Id		Debitage	100
32	34		Isi-c/Id	1401-4	Edge modified flake	1
32	34		Isi-c/Id	1401-3	Edge modified flake, unanalyzed	1
32	34		Isi-c/Id	1401-2	Thin uniface	1
32	35		Isi/Isi-c		Debitage	42
32	36		Isi/Isi-c	1689-1	Biface fragment	1
32	36		Isi/Isi-c		Debitage	60
32	38		Isi/Isi-c		Debitage	35
32	38		Isi/Isi-c	1806-1	Edge modified flake	1
32	39		Isi/Isi-c		Debitage	61
32	39		Isi/Isi-c	1844-1	Edge modified flake	1
32	40		Isi/Isi-c		Debitage	31
33	16		IIIa	682-1	Biface fragment	1
33	16		IIIa		Debitage	337
33	16		IIIa	682-2	Edge modified flake	1
33	16		IIIa	OR283	Projectile point, bifurcate stem fragment	1
33	16		IIIa	OR282	Projectile point, miscellaneous expanding stem	1
33	17A		IIIa		Debitage	94
33	17B	Feature 217	IIIa		Debitage	536
33	19	Feature 231	IIIa	912-1	Biface fragment	1
33	19	Feature 231	IIIa		Debitage	360
33	20	Feature 231	IIIa	974-1	Burin spall	1
33	20	Feature 231	IIIa		Debitage	570
33	20	Feature 231	IIIa	974-2	Edge modified flake	1
33	20	Feature 231	IIIa	OR369	Flake, unanalyzed	1
33	21		II/IIIa	995-1	Biface Stage 1	1
33	21		II/IIIa	995-2	Burin spall	1
33	21		II/IIIa	OR383	Core fragment	1
33	21		II/IIIa		Debitage	453
33	21		II/IIIa	995-4	Projectile point fragment	1
33	22		II/IIIa		Debitage	291
33	22		II/IIIa	1023-2	Edge modified flake	1
33	23		II/IIIa		Debitage	246
33	24		II/IIIa		Debitage	183
33	24		II/IIIa	OR420	Flake, unanalyzed	1
33	25		II/IIIa		Debitage	180
33	26		II/IIIa	1177-2	Biface fragment	1
33	26		II/IIIa	1177-1	Biface fragment	1
33	26		II/IIIa		Debitage	107
33	26		II/IIIa	1177-3	Edge modified flake	1
33	27		II		Debitage	133
33	28		II	1215-1	Burin spall	1
33	28		II		Debitage	116
33	29		II		Debitage	54
33	29		II	OR507	Rock, unanalyzed	1
33	30A		II		Debitage	63
33	30A		II	OR502	Flake, unanalyzed	1
33	30B	Feature 236	II		Debitage	1
33	30B	Feature 236	II	OR521	Rock, unanalyzed	1
33	30B	Feature 236	II	OR522	Rock, unanalyzed	1
33	30B&31B	Feature 236	II		Debitage	3
33	31A		Id/II		Debitage	71
33	31A		Id/II	OR516	Flake, unanalyzed	1
33	31B	Feature 236	Id/II		Debitage	3
33	32		Id/II	OR548	Core fragment	1
33	32		Id/II		Debitage	173
33	32		Id/II	OR553	Flake, unanalyzed	1
33	33		Id	1665-1	Biface fragment	1
33	33		Id	1665-3	Biface fragment	1
33	33		Id	OR568	Core, thermal	1
33	33		Id		Debitage	136
33	33		Id	1665-2	Thin uniface fragment	1
33	34		Isi-c/Id	OR600	Biface fragment, unanalyzed	1
33	34		Isi-c/Id		Debitage	80
33	34		Isi-c/Id	OR597	Flake, unanalyzed	1
33	35		Isi-c/Id		Debitage	99
34			Unknown		Debitage	5
34	15		IIIa	672-5	Biface fragment	1
34	15		IIIa	OR285	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
34	15		IIIa		Debitage	987
34	15		IIIa	672-3	Edge modified flake	1
34	15		IIIa	672-4	Edge modified flake	1
34	15		IIIa	672-7	Notched flake	1
34	16		IIIa	693-1	Biface fragment	1
34	16		IIIa		Debitage	318
34	16		IIIa	693-2	Edge modified flake	1
34	16		IIIa	OR290	Flake, unanalyzed	1
34	17		IIIa	OR310	Bifacial tool	1
34	17		IIIa		Debitage	350
34	18		IIIa	785-1	Biface fragment	1
34	18		IIIa	OR316	Biface Stage 2	1
34	18		IIIa	OR318	Burin	1
34	18		IIIa		Debitage	373
34	19A		IIIa		Debitage	106
34	19B	Feature 223	IIIa		Debitage	370
34	19B	Feature 223	IIIa	OR343	Microspur/microdenticulate	1
34	19B	Feature 223	IIIa	872-4	Spurred flake	1
34	19B	Feature 223	IIIa	872-2	Thin uniface fragment	1
34	20	Feature 231	IIIa	985-7	Burin spall	1
34	20	Feature 231	IIIa		Debitage	595
34	20	Feature 231	IIIa	985-3	Edge modified flake	1
34	20	Feature 231	IIIa	985-5	Edge modified flake	1
34	20	Feature 231	IIIa	985-1	Edge modified flake	1
34	20	Feature 231	IIIa	OR373	Flake, unanalyzed	1
34	20	Feature 231	IIIa	985-2	Microspur/microdenticulate	1
34	20	Feature 231	IIIa	OR374	Perforator Group 7	1
34	21	Feature 231	IIIa	1115-1	Biface Stage 1	1
34	21	Feature 231	IIIa	OR426	Biface Stage 2	1
34	21	Feature 231	IIIa		Debitage	706
34	21	Feature 231	IIIa	OR428	Edge modified flake	1
34	22	Feature 231	II/IIIa		Debitage	612
34	22	Feature 231	II/IIIa	1162-2	Edge modified flake	1
34	22	Feature 231	II/IIIa	1162-3	Edge modified flake	1
34	22	Feature 231	II/IIIa	1162-5	Edge modified flake	1
34	22	Feature 231	II/IIIa	OR438	Flake, unanalyzed	1
34	22	Feature 231	II/IIIa	1162-6	Projectile point fragment	1
34	22	Feature 231	II/IIIa	OR439	Projectile point, Golondrina-Barber	1
34	23A	Feature 231	II/IIIa		Debitage	397
34	23A	Feature 231	II/IIIa	OR462	Edge modified flake	1
34	24	Feature 231	II/IIIa	OR481	Core, unidirectional	1
34	24	Feature 231	II/IIIa		Debitage	406
34	24	Feature 231	II/IIIa	OR478	Flake, unanalyzed	1
34	24	Feature 231	II/IIIa	OR473	Perforator Unifacial	1
34	25A		II		Debitage	178
34	25A		II	1346-1	Edge modified flake	1
34	25A		II	OR506	Flake, unanalyzed	1
34	25A		II	OR509	Flake, unanalyzed	1
34	25A		II	OR508	Flake, unanalyzed	1
34	25B	Feature 239	II		Debitage	23
34	25B	Feature 239	II	1382-1	Edge modified flake	1
34	26A		II		Debitage	98
34	26A		II	1421-1	Spurred flake	1
34	26B	Feature 239	II		Debitage	43
34	27A		II		Debitage	155
34	27B	Feature 239	II		Debitage	62
34	27B	Feature 239	II	1473-1	Projectile point, Golondrina-Barber	1
34	28		II		Debitage	150
34	29		II		Debitage	184
34	30		II		Debitage	105
34	30		II	1666-2	Possible ground stone	1
34	30		II	1666-1	Projectile point fragment	1
34	31A		II		Debitage	67
34	31A		II	OR570	Flake, unanalyzed	1
34	31B	Feature 246	II		Debitage	7
34	31C	Feature 247	II		Debitage	17
34	32A		Id/II		Debitage	182
34	32A		Id/II	1786-1	Edge modified flake	1
34	32B	Feature 246	Id/II		Debitage	1
34	33		Id/II	OR613	Biface Stage 3	1
34	33		Id/II		Debitage	147
34&49	32B	Feature 246	Id/II		Debitage	5
35	14		IIIa/b		Debitage	958
35	14		IIIa/b	709-3	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
35	14		IIIa/b	709-4	Edge modified flake	1
35	14		IIIa/b	709-5	Notched flake	1
35	14		IIIa/b	709-1	Thin uniface	1
35	14		IIIa/b	709-2	Thin uniface fragment	1
35	15		IIIa		Debitage	1234
35	15		IIIa	756-5	Edge modified flake	1
35	15		IIIa	756-3	Edge modified flake	1
35	15		IIIa	756-4	Edge modified flake	1
35	15		IIIa	756-1	Projectile point fragment	1
35	15		IIIa	756-2	Projectile point, concave lanceolate preform	1
35	16		IIIa	OR321	Biface Stage 2	1
35	16		IIIa	OR322	Burin	1
35	16		IIIa		Debitage	391
35	17A		IIIa	828-14	Biface fragment	1
35	17A		IIIa	828-1	Biface fragment	1
35	17A		IIIa		Debitage	398
35	18		IIIa	OR334	Clear Fork biface	1
35	18		IIIa		Debitage	548
35	18		IIIa	844-1	Edge modified flake	1
35	19	Feature 231	IIIa		Debitage	442
35	20	Feature 231	IIIa	894-6	Biface fragment	1
35	20	Feature 231	IIIa	894-3	Biface fragment	1
35	20	Feature 231	IIIa	894-1	Biface fragment	1
35	20	Feature 231	IIIa		Debitage	632
35	21	Feature 231	IIIa	OR382	Biface Stage 2	1
35	21	Feature 231	IIIa		Debitage	641
35	21	Feature 231	IIIa	996-2	Edge modified flake	1
35	21	Feature 231	IIIa	996-5	Edge modified flake	1
35	22	Feature 231	II/IIIa		Debitage	833
35	22	Feature 231	II/IIIa	1041-1	Edge modified flake	1
35	22	Feature 231	II/IIIa	1041-3	Edge modified flake	1
35	22	Feature 231	II/IIIa	OR404	Flake, unanalyzed	1
35	22	Feature 231	II/IIIa	OR409	Flake, unanalyzed	1
35	22	Feature 231	II/IIIa	OR421	Flake, unanalyzed	1
35	22	Feature 231	II/IIIa	OR417	Flake, unanalyzed	1
35	22	Feature 231	II/IIIa	OR410	Flake, unanalyzed	1
35	22	Feature 231	II/IIIa	1041-9	Spurred flake	1
35	22	Feature 231	II/IIIa	1041-5	Spurred flake	1
35	22	Feature 231	II/IIIa	1041-6	Spurred flake	1
35	22	Feature 231	II/IIIa	1041-8	Thin uniface	1
35	23		II/IIIa	OR460	Core tool	1
35	23		II/IIIa		Debitage	614
35	23		II/IIIa	1226-2	Edge modified flake	1
35	23		II/IIIa	1226-5	Edge modified flake	1
35	23		II/IIIa	OR458	Flake, unanalyzed	1
35	23		II/IIIa	1226-1	Thin uniface	1
35	23		II/IIIa	1226-4	Thin uniface fragment	1
35	24		II/IIIa		Debitage	562
35	24		II/IIIa	1300-1	Edge modified flake	1
35	24		II/IIIa	OR479	Flake, unanalyzed	1
35	25		II		Debitage	274
35	25		II	1398-1	Edge modified flake	1
35	26A		II		Debitage	448
35	26A		II	1104-1	Edge modified flake	1
35	26A		II	1104-2	Edge modified flake	1
35	26A		II	1104-3	Thin uniface fragment	1
35	26B	Feature 241	II		Debitage	5
35	26B	Feature 241	II	OR524	Rock, unanalyzed	1
35	27		II	1476-1	Core, thermal	1
35	27		II		Debitage	292
35	27		II	OR538	Flake, unanalyzed	1
35	27		II	1463-1	Unifacial multiple tool	1
35	28		II		Debitage	312
35	28		II	1562-5	Edge modified flake	1
35	28		II	1562-4	Edge modified flake	1
35	28		II	1562-2	Edge modified flake	1
35	28		II	OR547	Flake, unanalyzed	1
35	28		II	1562-3	Thin uniface fragment	1
35	28		II	1562-1	Unifacial multiple tool	1
35	29		II	1685-3	Burin spall	1
35	29		II	1685-1	Burin spall	1
35	29		II		Debitage	174
35	29		II	1685-2	Spurred flake	1
35	30A		II		Debitage	146

Square	Level	Feature	Strata	Item	Analyst Identification	Count
35	30B	Feature 247	II		Debitage	16
35	31A		II		Debitage	105
35	31B	Feature 247	II		Debitage	23
35	31B	Feature 247	II	OR578	Flake, unanalyzed	1
35	32		II		Debitage	205
35	32		II	1614-1	Edge modified flake	1
35	33		Id/II		Debitage	120
35	34		Id/II		Debitage	86
35	34		Id/II	1924-1	Edge modified flake	1
35	35		Id/II	1942-3	Biface fragment	1
35	35		Id/II	1942-1	Core, thermal	1
35	35		Id/II		Debitage	42
35	35		Id/II	1942-2	Projectile point fragment	1
35	36		Isi-c/Id	OR636	Biface Stage 2	1
35	36		Isi-c/Id		Debitage	44
35	36		Isi-c/Id	OR637	Thin uniface fragment	1
35	37		Isi-c/Id		Debitage	51
35	37		Isi-c/Id	2001-1	Edge modified flake	1
35	38		Isi-c/Id		Debitage	37
35	39		Isi-c		Debitage	49
35	40		Isi-c		Debitage	33
35	41		Isi-c		Debitage	13
35	42		Icl/Isi-c		Debitage	11
35	43		Icl/Isi-c		Debitage	11
35	43		Icl/Isi-c	2786-1	Edge modified flake	1
35	43		Icl/Isi-c	2786-2	Thin uniface fragment	1
35	44		Icl/Isi-c		Debitage	26
35	45		Isi/Icl		Debitage	14
35	46		Isi/Icl		Debitage	10
35	46	Feature 259	Isi/Icl	OR684	Flake, unanalyzed	1
35	47		Isi/Icl		Debitage	15
35	47	Feature 259	Isi/Icl	OR693	Thin uniface	1
35	48		Isi/Icl		Debitage	13
35	49		Isi/Icl		Debitage	1
35	50		Isi/Icl		Debitage	3
35	51		Isi		Debitage	8
35	51		Isi	2739-1	Edge modified flake	1
35	53		Isi		Debitage	1
35	53		Isi	OR715	Flake, unanalyzed	1
35	54		Isi		Debitage	1
35	54		Isi	OR716	Flake, unanalyzed	1
35	Wall			721-1	Projectile point, Bell/Andice	1
37	10		IIIb/c	520-6	Biface fragment	1
37	10		IIIb/c		Debitage	692
37	10		IIIb/c	520-4	Edge modified flake	1
37	10		IIIb/c	520-1	Thin uniface	1
37	11		IIIb	532-2	Biface Stage 1	1
37	11		IIIb	532-3	Bifacial tool Form E	1
37	11		IIIb	532-1	Core fragment	1
37	11		IIIb		Debitage	928
37	11		IIIb	532-5	Edge modified flake	1
37	11		IIIb	532-8	Edge modified flake	1
37	11		IIIb	532-4	Microspur/microdenticulate	1
37	12A		IIIb		Debitage	267
37	12A		IIIb	557-1	Edge modified flake	1
37	12B	Feature 212	IIIb		Debitage	34
37	13A		IIIb	592-6	Biface fragment	1
37	13A		IIIb	OR236	Biface fragment, unanalyzed	1
37	13A		IIIb	OR241	Biface Stage 2	1
37	13A		IIIb		Debitage	239
37	13A		IIIb	592-3	Edge modified flake	1
37	13A		IIIb	592-5	Edge modified flake	1
37	13A		IIIb	OR249	Flake, unanalyzed	1
37	13A		IIIb	OR235	Flake, unanalyzed	1
37	13A		IIIb	592-2	Projectile point fragment	1
37	13A		IIIb	592-1	Projectile point, long stemmed	1
37	13A		IIIb	592-4	Unifacial multiple tool	1
37	13B	Feature 212	IIIb	634-1	Biface fragment	1
37	13B	Feature 212	IIIb	OR257	Biface Stage 2	1
37	13B	Feature 212	IIIb		Debitage	119
37	13B	Feature 212	IIIb	OR259	Flake, unanalyzed	1
37	14		IIIa/b		Debitage	642
37	14		IIIa/b	673-3	Edge modified flake	1
37	14		IIIa/b	673-4	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
37	15		IIIa/b	OR287	Biface Stage 2	1
37	15		IIIa/b		Debitage	941
37	15		IIIa/b	692-5	Edge modified flake	1
37	15		IIIa/b	692-8	Edge modified flake	1
37	15		IIIa/b	692-7	Edge modified flake	1
37	15		IIIa/b	692-3	Edge modified flake	1
37	15		IIIa/b	692-10	Projectile point fragment	1
37	15		IIIa/b	692-1	Projectile point, Bandy-like	1
37	15		IIIa/b	692-4	Spurred flake	1
37	16A		IIIa		Debitage	397
37	16A		IIIa	OR312	Flake, unanalyzed	1
37	16B	Feature 222	IIIa		Debitage	1
37	16B&17B	Feature 222	IIIa		Debitage	14
37	17		IIIa	OR332	Thin uniface	1
37	17A		IIIa		Debitage	239
37	18		IIIa	852-1	Biface Stage 2	1
37	18		IIIa		Debitage	276
37	18		IIIa	OR342	Piece esquillee	1
37	18		IIIa	OR340	Unifacial multiple tool	1
37	19	Feature 231	IIIa		Debitage	333
37	19	Feature 231	IIIa	893-1	Unifacial multiple tool	1
37	20	Feature 231	IIIa		Debitage	547
37	20	Feature 231	IIIa	OR364	Flake, unanalyzed	1
37	21	Feature 231	IIIa	1017-1	Biface fragment	1
37	21	Feature 231	IIIa	1017-2	Biface fragment, unanalyzed	1
37	21	Feature 231	IIIa	OR386	Biface Stage 2	1
37	21	Feature 231	IIIa		Debitage	481
37	21	Feature 231	IIIa	1017-3	Projectile point, miscellaneous lanceolate	1
37	21	Feature 231	IIIa	OR393	Tool, unanalyzed	1
37	21	Feature 231	IIIa	1017-5	Worked hematite	1
37	22	Feature 231	IIIa	1159-5	Biface fragment	1
37	22	Feature 231	IIIa		Debitage	909
37	22	Feature 231	IIIa	1159-6	Edge modified flake	1
37	22	Feature 231	IIIa	1159-3	Projectile point fragment	1
37	22	Feature 231	IIIa	OR430	Tool, unanalyzed	1
37	23	Feature 231	IIIa		Debitage	610
37	23	Feature 231	IIIa	OR489	Flake, unanalyzed	1
37	23	Feature 231	IIIa	OR492	Flake, unanalyzed	1
37	23	Feature 231	IIIa	OR501	Flake, unanalyzed	1
37	23	Feature 231	IIIa	1429-1	Micro-core, intermediate	1
37	23	Feature 231	IIIa	1345-1	Projectile point, Angostura	1
37	24A		II/IIIa	1474-1	Biface fragment, unanalyzed	1
37	24A		II/IIIa	OR537	Biface Stage 2	1
37	24A		II/IIIa		Debitage	198
37	24A		II/IIIa	OR542	Flake, unanalyzed	1
37	24A		II/IIIa	1474-5	Notched flake	1
37	24A		II/IIIa	1474-4	Spurred flake	1
37	24B	Feature 231	II/IIIa		Debitage	19
37	25		II/IIIa	1561-1	Core, thermal	1
37	25		II/IIIa		Debitage	185
37	26		II		Debitage	140
37	26		II	1571-1	Edge modified flake	1
37	27		II	OR586	Flake, unanalyzed	1
37	27		II	OR588	Projectile point, Angostura	1
37	28		II	1787-1	Biface fragment	1
37	28		II		Debitage	225
37	28		II	OR593	Flake, unanalyzed	1
37	29		II	1822-1	Biface fragment	1
37	29		II		Debitage	112
37	29		II	OR601	Flake, unanalyzed	1
37	30		II		Debitage	101
37	30		II	1832-1	Spurred flake	1
37	31		II		Debitage	136
37	32		II		Debitage	102
37	32		II	OR619	Flake, unanalyzed	1
37	33		II		Debitage	150
37&32	27&37A		II		Debitage	199
38	9		IIIb/c		Debitage	91
38	9		IIIb/c	723-1	Projectile point, Nolan	1
38	10		IIIb	OR159	Biface Stage 2	1
38	10		IIIb	OR165	Blade	1
38	10		IIIb		Debitage	410
38	10		IIIb	515-4	Edge modified flake	1
38	10		IIIb	515-1	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
38	11		IIIb	527-1	Biface fragment	1
38	11		IIIb	527-3	Burin	1
38	11		IIIb		Debitage	644
38	12A		IIIb	535-6	Biface fragment	1
38	12A		IIIb	535-5	Biface fragment	1
38	12A		IIIb	OR220	Biface Stage 2	1
38	12A		IIIb	535-1	Core, thermal	1
38	12A		IIIb		Debitage	734
38	12A		IIIb	535-7	Edge modified flake	1
38	12A		IIIb	535-9	Projectile point fragment	1
38	12A		IIIb	535-3	Projectile point, expanding stem D	1
38	12A		IIIb	535-2	Projectile point, Nolan	1
38	12B	Feature 212	IIIb		Debitage	3
38	13A		IIIb	550-3	Biface fragment	1
38	13A		IIIb	550-2	Biface Stage 1	1
38	13A		IIIb		Debitage	331
38	13B	Feature 212	IIIb		Debitage	16
38	14		IIIb	583-6	Biface fragment	1
38	14		IIIb	583-5	Biface fragment	1
38	14		IIIb		Debitage	498
38	14		IIIb	583-1	Edge modified flake	1
38	14		IIIb	583-2	Edge modified flake	1
38	14		IIIb	583-4	Microspur/microdenticulate	1
38	14		IIIb	OR207	Projectile point, Nolan	1
38	14		IIIb	583-3	Thin uniface	1
38	15		IIIa/b	593-7	Biface fragment	1
38	15		IIIa/b	OR216	Biface Stage 1	1
38	15		IIIa/b	593-1	Biface Stage 1	1
38	15		IIIa/b	OR251	Biface Stage 2	1
38	15		IIIa/b	593-9	Burin	1
38	15		IIIa/b	593-3	Clear Fork uniface	1
38	15		IIIa/b		Debitage	783
38	15		IIIa/b	593-8	Denticulated flake	1
38	15		IIIa/b	593-4	Edge modified flake	1
38	15		IIIa/b	593-5	Edge modified flake	1
38	15		IIIa/b	593-2	Thin uniface fragment	1
38	15		IIIa/b	593-10	Thin uniface fragment	1
38	16		IIIa/b		Debitage	497
38	16		IIIa/b	639-1	Denticulated flake	1
38	16		IIIa/b	639-3	Edge modified flake	1
38	16		IIIa/b	639-4	Edge modified flake	1
38	17A		IIIa		Debitage	318
38	17B		IIIa		Debitage	42
38	19		IIIa	OR358	Biface Stage 2	1
38	19		IIIa		Debitage	343
38	19		IIIa	919-1	Edge modified flake	1
38	19		IIIa	OR357	Flake, unanalyzed	1
38	20	Feature 231	IIIa		Debitage	495
38	20	Feature 231	IIIa	963-1	Edge modified flake	1
38	21A	Feature 231	IIIa	OR416	Biface Stage 2	1
38	21A	Feature 231	IIIa	OR173	Biface Stage 2	1
38	21A	Feature 231	IIIa	OR418	Biface Stage 2	1
38	21A	Feature 231	IIIa		Debitage	206
38	21A	Feature 231	IIIa	OR431	Thin uniface	1
38	21B	Feature 228	IIIa		Debitage	69
38	22	Feature 231	IIIa	1064-1	Biface fragment	1
38	22	Feature 231	IIIa	1064-3	Biface fragment	1
38	22	Feature 231	IIIa		Debitage	561
38	22	Feature 231	IIIa	OR441	Flake, unanalyzed	1
38	22	Feature 231	IIIa	1064-4	Micro-core, small	1
38	22	Feature 231	IIIa	1064-2	Thin uniface fragment	1
38	23	Feature 231	IIIa		Debitage	742
38	23	Feature 231	IIIa	OR512	Flake, unanalyzed	1
38	23	Feature 231	IIIa	OR511	Flake, unanalyzed	1
38	23	Feature 231	IIIa	OR497	Flake, unanalyzed	1
38	24	Feature 231	II/IIIa		Debitage	632
38	24	Feature 231	II/IIIa	OR676	Flake, unanalyzed	1
38	24	Feature 231	II/IIIa	OR675	Projectile point, Hoxie A	1
38	24A		II/IIIa		Debitage	93
38	24B-25B	Feature 231	II/IIIa		Debitage	37
38	25A		II/IIIa		Debitage	247
38	25A		II/IIIa	OR683	Flake, unanalyzed	1
38	25B	Feature 231	II/IIIa		Debitage	67
38	25B	Feature 231	II/IIIa	OR690	Small core hammerstone	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
38	25C	Feature 258	II/IIIa	2432-1	Core tool, type 2	1
38	25C	Feature 258	II/IIIa		Debitage	37
38	25C	Feature 258	II/IIIa	OR701	Flake, unanalyzed	1
38	26A		II/IIIa		Debitage	38
38	26A	Feature 231	II/IIIa		Debitage	90
38	26A	Feature 231	II/IIIa	2784-2	Edge modified flake	1
38	26B	Feature 231	II/IIIa	OR712	Bifacial tool	1
38	26B	Feature 231	II/IIIa		Debitage	25
38	26B	Feature 231	II/IIIa	2443-1	Edge modified flake	1
38	26C	Feature 258	II/IIIa		Debitage	6
38	26C	Feature 258	II/IIIa	2440-1	Microspur/microdenticulate	1
38	27		II		Debitage	32
38	27		II	OR640	Flake, unanalyzed	1
38	27		II	OR641	Projectile point fragment	1
38	27A		II		Debitage	66
38	28		II	2032-1	Biface fragment	1
38	28		II		Debitage	31
38	28A		II		Debitage	74
38	28A		II	OR736	Flake, unanalyzed	1
38	29		II		Debitage	38
38	30		II		Debitage	36
38	30		II	2065-1	Edge modified flake	1
38	Wall			2730-2	Bifacial tool Form A	1
38	Wall			2730-3	Notched flake	1
38	Wall			2730-1	Projectile point, Castroville	1
39	15A		IIIa/b		Debitage	700
39	15A		IIIa/b	722-1	Edge modified flake	1
39	15A		IIIa/b	722-2	Edge modified flake	1
39	15A		IIIa/b	722-4	Edge modified flake	1
39	15A		IIIa/b	722-3	Edge modified flake	1
39	15A		IIIa/b	OR313	Flake, unanalyzed	1
39	15A		IIIa/b	OR323	Flake, unanalyzed	1
39	15A		IIIa/b	OR308	Projectile point, miscellaneous bifurcate	1
39	15C	Feature 221	IIIa/b		Debitage	39
39	16A		IIIa/b		Debitage	556
39	16A		IIIa/b	826-1	Edge modified flake	1
39	16A		IIIa/b	OR328	Flake, unanalyzed	1
39	16A		IIIa/b	OR335	Projectile point, Jetta	1
39	18		IIIa/b		Debitage	350
39	18		IIIa/b	861-1	Edge modified flake	1
39	19		IIIa		Debitage	282
39	19		IIIa	OR347	Flake, unanalyzed	1
39	20	Feature 231	IIIa		Debitage	370
39	20	Feature 231	IIIa	OR351	Flake, unanalyzed	1
39	20	Feature 231	IIIa	OR352	Flake, unanalyzed	1
39	20	Feature 231	IIIa	896-1	Micro-core, intermediate	1
39	21A	Feature 231	IIIa	OR390	Biface fragment	1
39	21A	Feature 231	IIIa	OR395	Burin spall	1
39	21A	Feature 231	IIIa		Debitage	153
39	21A	Feature 231	IIIa	OR397	Flake, unanalyzed	1
39	21A	Feature 231	IIIa	OR391	Flake, unanalyzed	1
39	21B	Feature 230	IIIa		Debitage	18
39	22A	Feature 231	IIIa		Debitage	541
39	22A	Feature 231	IIIa	1156-1	Edge modified flake	1
39	22A	Feature 231	IIIa	1156-3	Spurred flake	1
39	22A	Feature 231	IIIa	OR443	Thin uniface	1
39	22B	Feature 230	IIIa	OR444	Biface Stage 1	1
39	22B	Feature 230	IIIa		Debitage	49
39	23	Feature 231	IIIa		Debitage	703
39	23	Feature 231	IIIa	OR504	Flake, unanalyzed	1
39	23	Feature 231	IIIa	OR484	Flake, unanalyzed	1
39	23	Feature 231	IIIa	OR503	Flake, unanalyzed	1
39	24	Feature 231	IIIa	OR528	Flake, unanalyzed	1
39	24	Feature 231	IIIa	OR527	Tool, unanalyzed	1
39	24	Feature 231/245	IIIa		Debitage	919
39	24	Feature 231/245	IIIa	1529-2	Edge modified flake	1
39	25	Feature 231	II/IIIa	OR552	Bifacial tool	1
39	25	Feature 231	II/IIIa	OR549	Thin uniface	1
39	25	Feature 231/245	II/IIIa		Debitage	500
39	25	Feature 231/245	II/IIIa	1595-1	Edge modified flake	1
39	25	Feature 245	II/IIIa	OR544	Flake, unanalyzed	1
39	26		II/IIIa	1880-1	Biface fragment	1
39	26		II/IIIa		Debitage	298
39	26		II/IIIa	OR617	Rock, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
39	26		II/IIIa	OR616	Thick uniface	1
39	27		II	OR624	Biface Stage 2	1
39	27		II		Debitage	210
39	27		II	OR625	Flake, unanalyzed	1
39	27		II	OR623	Flake, unanalyzed	1
39	28		II		Debitage	160
39	28		II	1949-1	Edge modified flake	1
39	28		II	1949-2	Spurred flake	1
39	29		II		Debitage	116
39	29-30		II	OR635	Thick uniface	1
39	30		II		Debitage	148
39	31		II		Debitage	178
39	32		II		Debitage	175
39	32		II	OR644	Flake, unanalyzed	1
39	33		II	OR650	Biface Stage 1	1
39	33		II		Debitage	74
39	34		II		Debitage	119
39	35		Id/II		Debitage	130
39	36A		Id/II		Debitage	59
39	36B		Id/II		Debitage	6
39	37		Id/II		Debitage	8
39	38A		Isi-c/Id		Debitage	6
39	38A		Isi-c/Id	OR674	Flake, unanalyzed	1
39	38B		Isi-c/Id		Debitage	1
39	39		Isi-c/Id		Debitage	8
39	40		Isi-c		Debitage	6
39	41		Isi-c		Debitage	13
39	42		Isi-c		Debitage	5
39	43		lcl/Isi-c		Debitage	15
39	44		lcl/Isi-c		Debitage	3
39	45		lcl/Isi-c		Debitage	10
39	46		lcl/Isi-c		Debitage	6
39	47		lcl/Isi-c		Debitage	10
39	48		lcl		Debitage	9
39	49		lcl		Debitage	11
39	50		lcl		Debitage	19
39	51		lcl		Debitage	3
39	52		lcl		Debitage	5
39	53		Isi/lcl		Debitage	7
39	54		lgl/Isi		Debitage	4
39	54		lgl/Isi	2773-1	Unifacial multiple tool	1
39	55		lgl/Isi		Debitage	9
39	55		lgl/Isi	OR747	Tool, unanalyzed	1
39	56		lgl/Isi		Debitage	1
41	20		IIIa/b		Debitage	16
41	21		IIIa		Debitage	28
41	22		IIIa		Debitage	55
41	24		IIIa		Debitage	85
41	25		IIIa		Debitage	52
41	26		II/IIIa		Debitage	60
41	26		II/IIIa	1152-1	Edge modified flake	1
41	27		II/IIIa		Debitage	24
41	28		II/IIIa		Debitage	16
41	28		II/IIIa	1216-1	Edge modified flake	1
41	29		II		Debitage	24
42	17		IIIa/b		Debitage	2
42	18		IIIa/b	204	Biface fragment	1
42	18		IIIa/b		Debitage	8
42	20		IIIa/b		Debitage	16
42	21		IIIa		Debitage	16
42	22		IIIa		Debitage	55
42	24		IIIa		Debitage	25
42	26		IIIa		Debitage	117
42	26		IIIa	1096-1	Edge modified flake	1
42	27		II/IIIa		Debitage	38
42	28		II/IIIa		Debitage	13
42	29		II/IIIa		Debitage	19
42	34		II		Debitage	2
42	35		II		Debitage	2
42	36		II		Debitage	2
42	48		lcl	OR668	Flake, unanalyzed	1
42	50		Isi/lcl		Debitage	3
42	51		Isi/lcl		Debitage	5
42	52		lgl/Isi		Debitage	7

Square	Level	Feature	Strata	Item	Analyst Identification	Count
42	52		Igl/Isi	2842-1	Edge modified flake	1
42	53A		Igl/Isi		Debitage	3
42	53A		Igl/Isi	OR748	Flake, unanalyzed	1
42	54A		Igl	2702-1	Biface fragment	1
42	54B		Igl		Debitage	3
42	55		Igl		Debitage	1
43	17		IIIa/b		Debitage	18
43	18		IIIa/b		Debitage	26
43	19		IIIa		Debitage	23
43	20	Feature 231	IIIa		Debitage	17
43	21	Feature 231	IIIa		Debitage	50
43	21	Feature 231	IIIa	OR359	Tool, unanalyzed	1
43	22	Feature 231	IIIa		Debitage	158
43	22	Feature 231	IIIa	OR387	Flake, unanalyzed	1
43	24	Feature 231	IIIa		Debitage	66
43	24	Feature 231	IIIa	1129-1	Edge modified flake	1
43	25	Feature 231	IIIa		Debitage	36
43	26		II/IIIa		Debitage	44
43	27		II/IIIa		Debitage	68
43	28		II/IIIa		Debitage	26
43	28		II/IIIa	OR514	Flake, unanalyzed	1
43	28		II/IIIa	OR515	Flake, unanalyzed	1
43	29		II/IIIa		Debitage	25
43	29		II/IIIa	1647-1	Edge modified flake	1
43	29		II/IIIa	OR595	Flake, unanalyzed	1
43	30		II		Debitage	1
43	47		Icl		Debitage	1
43	50		Isi/Icl		Debitage	2
43	51		Isi/Icl		Debitage	5
43	52		Isi/Icl		Debitage	2
43	52		Isi/Icl	OR746	Flake, unanalyzed	1
43	53B		Igl/Isi/Icl		Debitage	1
43	54A		Igl/Isi/Icl		Debitage	1
43	54A		Igl/Isi/Icl	OR749	Flake, unanalyzed	1
43	54B		Igl/Isi/Icl		Debitage	1
43	55A		Igl		Debitage	1
44	17		IIIa/b		Debitage	13
44	18		IIIa/b		Debitage	10
44	19	Feature 231	IIIa		Debitage	14
44	20	Feature 231	IIIa		Debitage	80
44	21	Feature 231	IIIa		Debitage	23
44	21	Feature 231	IIIa	OR403	Projectile point, Hoxie/Gower	1
44	22	Feature 231	IIIa	OR407	Biface Stage 2	1
44	22	Feature 231	IIIa		Debitage	55
44	24	Feature 245	IIIa		Debitage	23
44	24	Feature 245	IIIa	OR536	Tool, unanalyzed	1
44	25	Feature 245	IIIa		Debitage	57
44	26	Feature 245	II/IIIa		Debitage	63
44	27		II/IIIa		Debitage	46
44	27		II/IIIa	OR584	Flake, unanalyzed	1
44	28A		II/IIIa		Debitage	5
44	28B	Feature 248	II/IIIa		Debitage	4
44	29A		II/IIIa		Debitage	7
44	29B	Feature 248	II/IIIa		Debitage	7
44	40		Unknown		Debitage	1
44	41		Isi-c		Debitage	4
44	41		Isi-c	OR680	Projectile point (stemmed biface)	1
44	47		Unknown		Debitage	2
44	50		Isi/Icl		Debitage	7
44	51		Isi/Icl		Debitage	6
44	51		Isi/Icl	OR743	Flake, unanalyzed	1
44	51		Isi/Icl	OR744	Flake, unanalyzed	1
44	51		Isi/Icl	OR745	Flake, unanalyzed	1
44	52		Isi/Icl		Debitage	8
44	53		Isi/Icl		Debitage	3
44	54A		Igl/Isi/Icl		Debitage	2
44	55A		Igl/Isi		Debitage	3
44	Wall			127-1	Biface Stage 2	1
44	Wall			133-1	Thin uniface	1
45	13-15		IIIa	736-1	Battered cobble	1
45	17		IIIa	811-1	Biface fragment	1
45	17		IIIa		Debitage	118
45	17		IIIa	802-1	Perforator Group 2	1
45	18		II/IIIa	OR333	Biface Stage 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
45	18		II/IIIa		Debitage	175
45	19		II/IIIa	889-1	Chert cobble, unmodified/tested	1
45	19		II/IIIa		Debitage	170
45	20		II/IIIa		Debitage	123
45	20		II/IIIa	895-1	Projectile point, Angostura	1
45	21		II		Debitage	132
45	22		II	OR363	Biface Stage 2	1
45	22		II		Debitage	87
45	23		II		Debitage	112
45	24		II		Debitage	38
45	25		II		Debitage	46
45	26		II		Debitage	66
45	27		II		Debitage	24
45	28		II		Debitage	33
45	29		II		Debitage	28
45	31		Isi-c/II	1313	Projectile point, Golondrina-Barber	1
46	17		IIIa		Debitage	300
46	18		IIIa		Debitage	429
46	18		IIIa	791-1	Edge modified flake	1
46	18		IIIa	791-3	Microspur/microdenticulate	1
46	19		II/IIIa	OR336	Biface Stage 2	1
46	19		II/IIIa		Debitage	500
46	19		II/IIIa	824-2	Thin uniface fragment	1
46	20A		II/IIIa		Debitage	296
46	20A		II/IIIa	1290-1	Edge modified flake	1
46	20A-B	Feature 226	II/IIIa		Debitage	1
46	21A		II/IIIa		Debitage	202
46	21B	Feature 226	II/IIIa		Debitage	32
46	22		II/IIIa	934-1	Burin	1
46	22		II/IIIa		Debitage	74
46	23		II/IIIa	OR361	Biface Stage 2	1
46	23		II/IIIa	949-1	Burin spall	1
46	23		II/IIIa		Debitage	181
46	24		II		Debitage	81
46	24		II	OR413	Flake, unanalyzed	1
46	25		II		Debitage	167
46	25		II	OR427	Flake, unanalyzed	1
46	26		II	OR435	Biface Stage 3	1
46	26		II		Debitage	64
46	27A		II		Debitage	72
46	27A		II	OR436	Flake, unanalyzed	1
46	27B	Feature 232	II		Debitage	12
46	28A		II		Debitage	65
46	28A		II	OR448	Flake, unanalyzed	1
46	28B	Feature 232	II		Debitage	1
46	29		Isi-c/II		Debitage	116
46	30		Isi-c/II		Debitage	79
46	30		Isi-c/II	1288-1	Edge modified flake	1
46	30		Isi-c/II	OR470	Flake, unanalyzed	1
46	31		Isi-c/II		Debitage	66
46	31		Isi-c/II	OR483	Flake, unanalyzed	1
46	31		Isi-c/II	OR482	Flake, unanalyzed	1
46	32		Isi-c		Debitage	159
46	32		Isi-c	1337-1	Thin uniface fragment	1
46	33		Isi-c		Debitage	82
46	33		Isi-c	1387-1	Thin uniface	1
46	34		Isi-c		Debitage	43
46	35		Isi/Isi-c		Debitage	64
46	36		Isi/Isi-c		Debitage	68
46	36		Isi/Isi-c	OR577	Flake, unanalyzed	1
46	36		Isi/Isi-c	OR576	Flake, unanalyzed	1
46	37		Isi/Isi-c	OR592	Biface Stage 2	1
46	37		Isi/Isi-c	OR603	Biface Stage 3	1
46	37		Isi/Isi-c		Debitage	48
46	38		Isi/Isi-c		Debitage	67
46	38		Isi/Isi-c	OR612	Flake, unanalyzed	1
46	38		Isi/Isi-c	OR610	Flake, unanalyzed	1
46	38		Isi/Isi-c	OR611	Flake, unanalyzed	1
46	38		Isi/Isi-c	OR615	Thick uniface	1
46	39		Isi/Isi-c		Debitage	43
46	39		Isi/Isi-c	1925-1	Edge modified flake	1
46	40		Isi/Isi-c		Debitage	49
46	41		Isi/Isi-c		Debitage	37
46	41		Isi/Isi-c	2111-1	Thin uniface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
46	42A		Isi		Debitage	15
46	43		Isi		Debitage	9
46	44		Isi		Debitage	2
46	45		Isi		Debitage	4
46	47		Isi		Debitage	3
46	48		Isi		Debitage	1
46	49		Isi		Debitage	2
46	50		Isi		Debitage	3
46	51		Isi		Debitage	2
46	52		Isi		Debitage	1
46	Overburden			779-3	Edge modified flake	1
46	Overburden			779-2	Microspur/microdenticulate	1
46	Overburden			779-1	Projectile point, Castroville	1
46	Overburden			779-4	Retouched blade	1
47	14		IIIa	786-2	Biface Stage 3	1
47	14		IIIa		Debitage	93
47	14		IIIa	786-1	Microspur/microdenticulate	1
47	15-16		IIIa	738-1	Projectile point, Angostura	1
47	18		IIIa	829-3	Biface fragment	1
47	18		IIIa		Debitage	122
47	18		IIIa	829-2	Thin uniface	1
47	18		IIIa	829-1	Unifacial multiple tool	1
47	19		IIIa	OR345	Clear Fork biface	1
47	19		IIIa		Debitage	156
47	20A		II/IIIa		Debitage	96
47	20B		II/IIIa		Debitage	68
47	21		II/IIIa	903-1	Biface Stage 2	1
47	21		II/IIIa		Debitage	113
47	22		II/IIIa		Debitage	113
47	23		II/IIIa		Debitage	65
47	24		II		Debitage	70
47	24		II	964-1	Edge modified flake	1
47	25		II	983-1	Biface fragment	1
47	25		II		Debitage	48
47	25		II	983-2	Possible ground stone	1
47	26		II		Debitage	69
47	27		II		Debitage	35
47	28		Isi-c/II		Debitage	25
47	29		Isi-c/II		Debitage	71
47	35		Isi/Isi-c		Debitage	24
48	17		IIIa	492-1	Biface fragment	1
48	17		IIIa		Debitage	112
48	18	Feature 231	IIIa	837-1	Bifacial tool Form E	1
48	18	Feature 231	IIIa		Debitage	106
48	19	Feature 231	IIIa		Debitage	158
48	20	Feature 231	IIIa	991-1	Biface fragment	1
48	20	Feature 231	IIIa	OR375	Biface Stage 2	1
48	20	Feature 231	IIIa		Debitage	213
48	20	Feature 231	IIIa	OR384	Flake, unanalyzed	1
48	21		II/IIIa		Debitage	281
48	21		II/IIIa	OR402	Projectile point, Angostura	1
48	22		II/IIIa	1056-1	Biface fragment	1
48	22		II/IIIa	1056-2	Biface fragment	1
48	22		II/IIIa		Debitage	102
48	22		II/IIIa	OR414	Thin uniface	1
48	23		II/IIIa	1095-1	Biface Stage 2	1
48	23		II/IIIa		Debitage	26
48	24		II/IIIa	OR433	Biface Stage 2	1
48	24		II/IIIa		Debitage	63
48	25		II/IIIa		Debitage	48
48	26		II/IIIa		Debitage	30
48	27		II		Debitage	32
48	28		II		Debitage	42
48	29	Feature 236	II		Debitage	32
48	29	Feature 236	II	OR477	Rock, unanalyzed	1
48	29	Feature 236	II	OR476	Rock, unanalyzed	1
48	29	Feature 236	II	OR475	Rock, unanalyzed	1
48	30A		II		Debitage	4
48	30B	Feature 236	II		Debitage	3
48	31A		Id/II	OR496	Biface Stage 3	1
48	31A		Id/II		Debitage	19
48	31B	Feature 236	Id/II		Debitage	1
48	31B	Feature 236	Id/II	OR541	Rock, unanalyzed	1
48	31B	Feature 236	Id/II	OR539	Rock, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
48	31B	Feature 236	Id/II	OR540	Rock, unanalyzed	1
48	32		Id/II	OR533	Flake, unanalyzed	1
48	32		Id/II	OR546	Flake, unanalyzed	1
48	33		Id	OR563	Edge modified flake	1
48	33		Id	OR598	Flake, unanalyzed	1
49	16		Fill	741-1	Projectile point, expanding concave D	1
49	17		IIIa		Debitage	164
49	17		IIIa	761-1	Edge modified flake	1
49	18		IIIa		Debitage	86
49	19	Feature 231	IIIa	864-1	Biface Stage 2	1
49	19	Feature 231	IIIa	864-2	Core, thermal	1
49	19	Feature 231	IIIa		Debitage	168
49	20	Feature 231	IIIa		Debitage	127
49	20	Feature 231	IIIa	OR394	Flake, unanalyzed	1
49	20	Feature 231	IIIa	OR399	Flake, unanalyzed	1
49	21	Feature 231	IIIa		Debitage	200
49	22	Feature 231	II/IIIa		Debitage	245
49	22	Feature 231	II/IIIa	1143-1	Edge modified flake	1
49	23	Feature 231	II/IIIa		Debitage	224
49	23	Feature 231	II/IIIa	1221-1	Thin uniface fragment	1
49	24	Feature 231	II/IIIa		Debitage	141
49	24	Feature 231	II/IIIa	1278-1	Edge modified flake	1
49	24	Feature 231	II/IIIa	OR471	Flake, unanalyzed	1
49	25		II/IIIa		Debitage	88
49	26		II		Debitage	53
49	26		II	OR500	Projectile point, Hoxie/Gower	1
49	27		II		Debitage	49
49	28		II		Debitage	99
49	29		II		Debitage	63
49	30		II		Debitage	24
49	30		II	OR545	Flake, unanalyzed	1
49	31A		II		Debitage	56
49	32A		Id/II		Debitage	73
49	33		Id/II	OR609	Flake, unanalyzed	1
49	33		Id/II	OR614	Mano	1
49	Wall			210	Thin uniface	1
50	16		IIIa		Debitage	143
50	17		IIIa		Debitage	75
50	18		IIIa		Debitage	83
50	18		IIIa	OR346	Flake, unanalyzed	1
50	19		IIIa		Debitage	269
50	20	Feature 231	IIIa		Debitage	212
50	20	Feature 231	IIIa	OR366	Flake, unanalyzed	1
50	20	Feature 231	IIIa	OR385	Perforator Group 7	1
50	21	Feature 231	IIIa		Debitage	130
50	21	Feature 231	IIIa	1088-2	Denticulated flake	1
50	21	Feature 231	IIIa	OR425	Flake, unanalyzed	1
50	21	Feature 231	IIIa	OR415	Flake, unanalyzed	1
50	21	Feature 231	IIIa	OR412	Flake, unanalyzed	1
50	21	Feature 231	IIIa	1088-1	Retouched blade	1
50	22	Feature 231	IIIa	1072-1	Biface fragment	1
50	22	Feature 231	IIIa		Debitage	268
50	22	Feature 231	IIIa	1072-3	Edge modified flake	1
50	23	Feature 231	IIIa		Debitage	107
50	23	Feature 231	IIIa	OR490	Flake, unanalyzed	1
50	24A		II/IIIa	1596-1	Chert cobble, unmodified/tested	1
50	24A		II/IIIa		Debitage	75
50	24A		II/IIIa	OR555	Flake, unanalyzed	1
50	24A		II/IIIa	OR554	Flake, unanalyzed	1
50	24B	Feature 231	II/IIIa		Debitage	45
50	25A		II/IIIa		Debitage	46
50	25B	Feature 231	II/IIIa	1671-2	Biface fragment	1
50	25B	Feature 231	II/IIIa		Debitage	26
50	26A		II		Debitage	59
50	26B	Feature 231	II		Debitage	19
50	26C	Feature 184	II	OR571	Flake, unanalyzed	1
50	26C	Feature 184	II	OR572	Flake, unanalyzed	1
50	27A		II		Debitage	77
50	27A		II	OR575	Perforator Group 1	1
50	27B		II		Debitage	13
50	27B		II	OR574	Projectile point, miscellaneous lanceolate	1
50	27C	Feature 184	II		Debitage	25
50	28		II		Debitage	136
50	28		II	OR591	Flake, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
50	28A		II	OR582	Flake, unanalyzed	1
50	29		II		Debitage	88
50	30A		II		Debitage	52
50	30A		II	OR606	Flake, unanalyzed	1
50	30B	Feature 249	II		Debitage	8
50	31A		II		Debitage	34
50	31B		II	1840-1	Biface fragment	1
50	31B	Feature 249	II		Debitage	8
50	32		II	OR618	Edge modified flake, unanalyzed	1
50	32A		II		Debitage	41
50	32B	Feature 249	II		Debitage	33
51	16		IIIa/b		Debitage	49
51	17		IIIa		Debitage	62
51	19		IIIa		Debitage	94
51	19		IIIa	942-1	Edge modified flake	1
51	20	Feature 231	IIIa		Debitage	64
51	21	Feature 231	IIIa		Debitage	97
51	21	Feature 231	IIIa	1160-1	Notched flake	1
51	22	Feature 231	IIIa		Debitage	53
51	22	Feature 231	IIIa	1034-1	Thin uniface fragment	1
51	23	Feature 231	IIIa		Debitage	8
51	24	Feature 231	IIIa		Debitage	24
51	25	Feature 231	IIIa		Debitage	7
51	25	Feature 231	IIIa	OR632	Rock, unanalyzed	1
51	25B	Feature 231	IIIa		Debitage	2
51	26	Feature 231	II/IIIa		Debitage	21
51	27A		II/IIIa		Debitage	11
51	27B	Feature 249	II/IIIa		Debitage	13
51	27C	Feature 249	II/IIIa	2449	Mano fragment	1
51	27C	Feature 249	II/IIIa	OR717	Rock, unanalyzed	1
51	28A		II/IIIa		Debitage	20
51	28B	Feature 249	II/IIIa		Debitage	6
51	28C	Feature 249	II/IIIa		Debitage	1
51	28C	Feature 249	II/IIIa	OR733	Flake, unanalyzed	1
51	28E		II/IIIa		Debitage	22
51	29A		II/IIIa		Debitage	5
51	29B	Feature 249	II/IIIa		Debitage	5
51	30A		II/IIIa		Debitage	11
51	30B	Feature 249	II/IIIa		Debitage	19
51	31A		II		Debitage	11
51	31B	Feature 249	II		Debitage	23
52	14		Fill	696-1	Biface fragment	1
52	14		Fill	696-2	Thin uniface	1
52	15A		IIIa/b		Debitage	670
52	15A		IIIa/b	OR304	Flake, unanalyzed	1
52	15A		IIIa/b	711-2	Perforator Group 4	1
52	15A		IIIa/b	OR295	Projectile point, expanding concave C	1
52	15A		IIIa/b	711-1	Unifacial multiple tool	1
52	15B	Feature 220	IIIa/b	OR315	Biface Stage 1	1
52	15B	Feature 220	IIIa/b		Debitage	118
52	16A		IIIa/b	746-1	Bifacial tool Form E	1
52	16A		IIIa/b		Debitage	646
52	16A		IIIa/b	746-2	Projectile point, long stemmed	1
52	16B	Feature 220	IIIa/b		Debitage	165
52	16B	Feature 220	IIIa/b	139-1	Spurred flake	1
52	17		IIIa/b	OR324	Biface fragment	1
52	17		IIIa/b		Debitage	228
52	19		IIIa	850-1	Burin	1
52	19		IIIa		Debitage	341
52	19		IIIa	OR338	Flake, unanalyzed	1
52	20	Feature 231	IIIa	OR348	Biface Stage 1	1
52	20	Feature 231	IIIa	877-1	Core fragment	1
52	20	Feature 231	IIIa		Debitage	330
52	21	Feature 231	IIIa		Debitage	288
52	22	Feature 231	IIIa	950-7	Biface fragment	1
52	22	Feature 231	IIIa	OR372	Clear Fork biface	1
52	22	Feature 231	IIIa		Debitage	313
52	22	Feature 231	IIIa	OR360	Flake, unanalyzed	1
52	22	Feature 231	IIIa	OR368	Flake, unanalyzed	1
52	22	Feature 231	IIIa	OR377	Flake, unanalyzed	1
52	22	Feature 231	IIIa	950-2	Microspur/microdenticulate	1
52	23	Feature 231	IIIa		Debitage	784
52	23	Feature 231	IIIa	OR429	Flake, unanalyzed	1
52	23	Feature 231	IIIa	OR424	Projectile point, Hoxie/Gower	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
52	23	Feature 231	IIIa	1098-1	Thin uniface fragment	1
52	24	Feature 231/245	II/IIIa	1648-4	Biface fragment	1
52	24	Feature 231/245	II/IIIa		Debitage	401
52	24	Feature 231/245	II/IIIa	1648-1	Edge modified flake	1
52	24	Feature 231/245	II/IIIa	1648-2	Edge modified flake	1
52	24	Feature 231/245	II/IIIa	1464-1	Microspur/microdenticulate	1
52	24	Feature 231/245	II/IIIa	1464-2	Notched flake	1
52	24	Feature 245	II/IIIa		Debitage	19
52	24	Feature 245	II/IIIa	OR526	Flake, unanalyzed	1
52	25A		II/IIIa		Debitage	40
52	25A		II/IIIa	OR530	Flake, unanalyzed	1
52	25B	Feature 231/245	II/IIIa		Debitage	266
52	25B	Feature 245	II/IIIa		Debitage	58
52	25B	Feature 245	II/IIIa	1590-1	Edge modified flake	1
52	25B	Feature 245	II/IIIa	1599-1	Microspur/microdenticulate	1
52	25B	Feature 245	II/IIIa	OR535	Rock, unanalyzed	1
52	25B	Feature 245	II/IIIa	OR531	Rock, unanalyzed	1
52	26A		II/IIIa		Debitage	251
52	26A		II/IIIa	1678-1	Edge modified flake	1
52	26B	Feature 231	II/IIIa		Debitage	45
52	26B	Feature 231	II/IIIa	OR608	Flake, unanalyzed	1
52	26B	Feature 245	II/IIIa		Debitage	36
52	26C	Feature 245	II/IIIa		Debitage	71
52	26C	Feature 245	II/IIIa	OR607	Flake, unanalyzed	1
52	26C	Feature 245	II/IIIa	1830-2	Perforator Unifacial	1
52	26C	Feature 245	II/IIIa	1830-1	Projectile point fragment	1
52	27		II/IIIa		Debitage	101
52	27A		II/IIIa		Debitage	59
52	27B		II/IIIa		Debitage	5
52	28		II		Debitage	188
52	28		II	OR621	Flake, unanalyzed	1
52	28A		II		Debitage	41
52	28B	Feature 248	II		Debitage	23
52	28B	Feature 248	II	OR573	Flake, unanalyzed	1
52	29		II	2537-2	Biface fragment	1
52	29		II		Debitage	107
52	29		II	2537-1	Edge modified flake	1
52	29		II	OR627	Flake, unanalyzed	1
52	29A		II		Debitage	51
52	29B	Feature 248	II		Debitage	18
52	30		II		Debitage	144
52	30		II	OR633	Flake, unanalyzed	1
52	30		II	1984-1	Thin uniface fragment	1
52	31		II	2017-1	Biface fragment	1
52	31		II		Debitage	123
52	31		II	OR645	Flake, unanalyzed	1
52	32		II		Debitage	147
52	32		II	2039-1	Edge modified flake	1
52	32		II	2039-2	Edge modified flake	1
52	33		II		Debitage	161
52	33		II	2080-1	Edge modified flake	1
52	34		II		Debitage	91
52	34		II	2769-1	Edge modified flake	1
52	35		Id/II		Debitage	49
52	36		Id/II		Debitage	33
52	36		Id/II	2613-1	Edge modified flake	1
52	36B		Id/II		Debitage	2
52	37		Isi-c/Id		Debitage	27
52	37		Isi-c/Id	OR664	Flake, unanalyzed	1
52	38		Isi-c/Id	2767-1	Biface Stage 3	1
52	38		Isi-c/Id		Debitage	17
52	38		Isi-c/Id	OR678	Flake, unanalyzed	1
52	39		Isi-c/Id		Debitage	12
52	40		Isi-c		Debitage	36
52	40		Isi-c	2638-1	Thin uniface fragment	1
52	41		Isi-c		Debitage	34
52	41		Isi-c	OR698	Flake, unanalyzed	1
52	42		Isi-c		Debitage	18
52	42		Isi-c	OR708	Flake, unanalyzed	1
52	42		Isi-c	OR702	Flake, unanalyzed	1
52	42		Isi-c	OR707	Flake, unanalyzed	1
52	43		Isi-c		Debitage	15
52	43		Isi-c	OR710	Flake, unanalyzed	1
52	44		lcl/Isi-c		Debitage	8

Square	Level	Feature	Strata	Item	Analyst Identification	Count
52	44		Icl/Isi-c	OR718	Flake, unanalyzed	1
52	45		Icl/Isi-c		Debitage	14
52	45		Icl/Isi-c	OR720	Flake, unanalyzed	1
52	45		Icl/Isi-c	OR719	Flake, unanalyzed	1
52	46		Icl/Isi-c	OR727	Biface Stage 1	1
52	46		Icl/Isi-c		Debitage	20
52	46		Icl/Isi-c	OR721	Flake, unanalyzed	1
52	46		Icl/Isi-c	OR728	Flake, unanalyzed	1
52	46		Icl/Isi-c	OR723	Flake, unanalyzed	1
52	46		Icl/Isi-c	OR725	Flake, unanalyzed	1
52	46		Icl/Isi-c	OR726	Tool, unanalyzed	1
52	46-47		Icl/Isi-c		Debitage	1
52	47		Icl/Isi-c		Debitage	37
52	47		Icl/Isi-c	OR752	Flake, unanalyzed	1
52	48		Icl		Debitage	28
52	49		Icl		Debitage	33
52	49		Icl	OR735	Flake, unanalyzed	1
52	49		Icl	OR753	Flake, unanalyzed	1
52	50		Isi/Icl	2531-6	Biface fragment	1
52	50		Isi/Icl		Debitage	16
52	51		Isi/Icl		Debitage	23
52	52		Isi/Icl	OR737	Core, multidirectional	1
52	52		Isi/Icl		Debitage	21
52	52		Isi/Icl	OR738	Flake, unanalyzed	1
52	53		Isi/Icl		Debitage	13
52	53		Isi/Icl	OR739	Flake, unanalyzed	1
52	54		Isi/Icl		Debitage	6
52	55		Igl/Isi		Debitage	3
52	56		Igl/Isi		Debitage	3
52	57		Igl/Isi	2709-1	Thin uniface	1
52	58		Igl/Isi		Debitage	2
53	19		IIIa		Debitage	21
53	20	Feature 231	IIIa		Debitage	18
53	21	Feature 231	IIIa		Debitage	21
53	22	Feature 231	IIIa		Debitage	35
53	23	Feature 231	IIIa		Debitage	38
53	23	Feature 231	IIIa	1151-1	Edge modified flake	1
53	24	Feature 231/245	II/IIIa		Debitage	43
53	24	Feature 231/245	II/IIIa	1460-1	Edge modified flake	1
53	25		II/IIIa		Debitage	29
53	26A		II/IIIa		Debitage	7
53	26B	Feature 245	II/IIIa	OR566	Biface Stage 2	1
53	26B	Feature 245	II/IIIa		Debitage	15
53	27		II/IIIa		Debitage	23
53	28	Feature 248	II		Debitage	19
53	29A		II		Debitage	4
53	29B	Feature 248	II		Debitage	4
53	38ID		Isi-c/Id		Debitage	6
53	39A		Isi-c/Id		Debitage	2
53	39B	Feature 257	Isi-c/Id		Debitage	1
53	41		Isi-c		Debitage	1
53	47		Icl/Isi-c		Debitage	4
53	50		Isi/Icl		Debitage	2
53	51		Isi/Icl		Debitage	5
53	51		Isi/Icl	OR742	Edge modified flake	1
53	52		Isi/Icl		Debitage	9
53	52		Isi/Icl	OR741	Flake, unanalyzed	1
53	53		Isi/Icl		Debitage	3
53	54		Isi/Icl		Debitage	8
53	55		Igl/Isi		Debitage	4
53	56		Igl/Isi		Debitage	3
54	44		Isi		Debitage	12
54	45		Isi		Debitage	5
54	46		Isi		Debitage	13
54	47		Isi		Debitage	6
54	48		Isi		Debitage	4
54	54		Isi		Debitage	1
55	41		Isi/Isi-c		Debitage	58
55	42		Isi/Isi-c	1938-1	Biface fragment	1
55	42		Isi/Isi-c		Debitage	67
55	42		Isi/Isi-c	1938-2	Edge modified flake	1
55	43A		Isi/Isi-c		Debitage	28
55	43B	Feature 252	Isi/Isi-c		Debitage	3
55	44		Isi		Debitage	6

Square	Level	Feature	Strata	Item	Analyst Identification	Count
55	45		Isi		Debitage	4
55	46		Isi		Debitage	4
55	47		Isi		Debitage	1
55	47		Isi	OR671	Flake, unanalyzed	1
55	48		Isi		Debitage	4
55	50		Isi		Debitage	7
55	51		Isi		Debitage	1
55	52		Isi		Debitage	1
55	53		Isi		Debitage	2
56	36		Isi-c/Id		Debitage	62
56	37		Isi-c/Id		Debitage	67
56	38		Isi-c/Id		Debitage	77
56	38		Isi-c/Id	OR628	Flake, unanalyzed	1
56	39		Isi-c		Debitage	56
56	39		Isi-c	OR631	Tool, unanalyzed	1
56	40		Isi/Isi-c		Debitage	37
56	40		Isi/Isi-c	OR638	Flake, unanalyzed	1
56	41		Isi/Isi-c		Debitage	38
56	42		Isi/Isi-c		Debitage	54
56	43		Isi/Isi-c		Debitage	60
56	43		Isi/Isi-c	OR652	Flake, unanalyzed	1
56	43		Isi/Isi-c	OR654	Flake, unanalyzed	1
56	43		Isi/Isi-c	OR653	Flake, unanalyzed	1
56	44		Isi/Isi-c		Debitage	35
56	45		Isi/Isi-c		Debitage	22
56	45		Isi/Isi-c	OR660	Flake, unanalyzed	1
56	46		Isi		Debitage	10
56	46		Isi	OR665	Flake, unanalyzed	1
56	46		Isi	OR663	Flake, unanalyzed	1
56	47		Isi		Debitage	5
56	47		Isi	OR670	Flake, unanalyzed	1
56	48		Isi	OR673	Core, unanalyzed	1
56	48		Isi		Debitage	6
56	49		Isi		Debitage	9
56	49		Isi	OR677	Flake, unanalyzed	1
56	50		Isi		Debitage	2
56	51		Isi		Debitage	3
56	53		Isi		Debitage	2
56	54		Isi		Debitage	4
57	34		Id/II		Debitage	69
57	35		Id		Debitage	74
57	36		Isi-c/Id	OR626	Clear Fork biface	1
57	36		Isi-c/Id		Debitage	82
57	37		Isi-c	OR629	Clear Fork biface	1
57	37		Isi-c		Debitage	96
57	37		Isi-c	1954-1	Edge modified flake	1
57	37		Isi-c	OR630	Thick uniface fragment	1
57	38		Isi-c		Debitage	41
57	38		Isi-c	OR643	Flake, unanalyzed	1
57	39		Isi-c		Debitage	36
57	40		Isi/Isi-c	OR649	Biface Stage 2	1
57	40		Isi/Isi-c		Debitage	39
57	41		Isi/lcl/Isi-c		Debitage	43
57	42		Isi/lcl/Isi-c		Debitage	16
57	43		Isi/Isi-c		Debitage	22
57	44		Isi/Isi-c		Debitage	21
57	45		Isi/Isi-c		Debitage	15
57	45		Isi/Isi-c	2797-1	Thin uniface	1
57	46		Isi/Isi-c		Debitage	14
57	46		Isi/Isi-c	2607-1	Edge modified flake	1
57	47		Isi/Isi-c		Debitage	16
57	48		Isi		Debitage	8
57	48		Isi	OR662	Flake, unanalyzed	1
57	49		Isi		Debitage	3
57	50		Isi		Debitage	4
57	52		Isi		Debitage	10
57	53		Isi		Debitage	1
58	40		Isi-c		Debitage	8
58	41		Isi-c		Debitage	10
58	42		Isi-c		Debitage	9
58	43		lcl/Isi-c		Debitage	5
58	44		lcl/Isi-c		Debitage	8
58	45		lcl/Isi-c		Debitage	2
58	46		lcl/Isi-c	2833-1	Biface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
58	46		Icl/Isi-c		Debitage	3
58	47		Icl		Debitage	6
58	48		Isi/Icl		Debitage	5
58	48		Isi/Icl	OR659	Flake, unanalyzed	1
58	49		Isi/Icl		Debitage	3
58	49		Isi/Icl	OR666	Flake, unanalyzed	1
58	50		Isi/Icl		Debitage	3
58	51		Isi		Debitage	6
58	52		Isi		Debitage	8
58	53		Isi		Debitage	1
58	54A		Igl/Isi		Debitage	1
58	54B		Igl/Isi	2835-1	Chert cobble, chunk	1
58	55		Igl/Isi		Debitage	5
59	34		Id/II		Debitage	140
59	35		Id/II		Debitage	64
59	36		Id/II		Debitage	30
59	37		Id		Debitage	20
59	38		Isi-c/Id		Debitage	23
59	38		Isi-c/Id	2606-1	Edge modified flake, unanalyzed	1
59	38		Isi-c/Id	OR658	Flake, unanalyzed	1
59	39		Isi-c/Id		Debitage	19
59	39		Isi-c/Id	2693-1	Thin uniface	1
59	40		Isi-c		Debitage	34
59	41		Isi-c		Debitage	23
59	42A		Isi-c		Debitage	14
59	42B	Feature 255	Isi-c		Debitage	1
59	43		Icl/Isi-c		Debitage	9
59	43		Icl/Isi-c	OR682	Flake, unanalyzed	1
59	44		Icl/Isi-c		Debitage	11
59	44		Icl/Isi-c	OR685	Flake, unanalyzed	1
59	45		Icl/Isi-c		Debitage	8
59	45		Icl/Isi-c	OR687	Flake, unanalyzed	1
59	45		Icl/Isi-c	OR686	Flake, unanalyzed	1
59	46		Icl		Debitage	3
59	47		Icl		Debitage	11
59	47		Icl	OR691	Flake, unanalyzed	1
59	48		Icl		Debitage	8
59	49		Isi/Icl		Debitage	6
59	49		Isi/Icl	OR696	Flake, unanalyzed	1
59	50		Isi/Icl		Debitage	9
59	50		Isi/Icl	OR699	Flake, unanalyzed	1
59	51		Isi/Icl		Debitage	4
59	51		Isi/Icl	OR704	Flake, unanalyzed	1
59	51		Isi/Icl	OR703	Flake, unanalyzed	1
59	52		Isi	2503-1	Biface fragment	1
59	52		Isi		Debitage	12
59	53		Isi		Debitage	6
59	54		Isi		Debitage	2
59	55		Isi		Debitage	3
59	56		Isi		Debitage	1
60	56		Igl/Isi		Debitage	2
100	1		IIIc	1197-1	Biface Stage 2	1
100	2	BRM 1	IIIc	1206-28	Arrow point, preform	1
100	2	BRM 1	IIIc	1206-27	Arrow point, Scallorn	1
100	2	BRM 1	IIIc	1206-34	Biface fragment	1
100	2	BRM 1	IIIc	1206-3	Biface Stage 1	1
100	2	BRM 1	IIIc	1206-1	Biface Stage 2	1
100	2	BRM 1	IIIc	1206	Biface Stage 2	1
100	2	BRM 1	IIIc	OR452	Bifacial tool	1
100	2	BRM 1	IIIc	1206-42	Burin spall	1
100	2	BRM 1	IIIc		Debitage	2808
100	2	BRM 1	IIIc	1206-10	Denticulated flake	1
100	2	BRM 1	IIIc	1206-37	Edge modified flake	1
100	2	BRM 1	IIIc	1206-11	Edge modified flake	1
100	2	BRM 1	IIIc	1206-12	Edge modified flake	1
100	2	BRM 1	IIIc	1206-14	Edge modified flake	1
100	2	BRM 1	IIIc	1206-23	Edge modified flake	1
100	2	BRM 1	IIIc	1206-17	Edge modified flake	1
100	2	BRM 1	IIIc	1206-2	Edge modified flake	1
100	2	BRM 1	IIIc	OR451	Edge modified flake	1
100	2	BRM 1	IIIc	1206-9	Edge modified flake	1
100	2	BRM 1	IIIc	1206-6	Edge modified flake	1
100	2	BRM 1	IIIc	1206-35	Edge modified flake	1
100	2	BRM 1	IIIc	1206-4	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
100	2	BRM 1	IIIc	1206-21	Edge modified flake	1
100	2	BRM 1	IIIc	1206-16	Edge modified flake	1
100	2	BRM 1	IIIc	1206-13	Notched flake	1
100	2	BRM 1	IIIc	1206-5	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-36	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-24	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-25	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-26	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-29	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-32	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-8	Projectile point fragment	1
100	2	BRM 1	IIIc	1206-31	Projectile point fragment	1
100	2	BRM 1	IIIc	1246-1	Projectile point, Nolan	1
100	2	BRM 1	IIIc	1206-7	Thin uniface fragment	1
100	2	BRM 1	IIIc	1206-20	Thin uniface fragment	1
100	2	BRM 1	IIIc	1206-18	Unifacial multiple tool	1
100	3	BRM 1	IIIc	1265-7	Biface fragment	1
100	3	BRM 1	IIIc	1265-10	Biface fragment	1
100	3	BRM 1	IIIc	1265-4	Biface Stage 2	1
100	3	BRM 1	IIIc	1265-13	Burin spall	1
100	3	BRM 1	IIIc	1265-14	Burin spall	1
100	3	BRM 1	IIIc	1265-12	Burin spall	1
100	3	BRM 1	IIIc	1265-15	Burin spall	1
100	3	BRM 1	IIIc		Debitage	1536
100	3	BRM 1	IIIc	1265-2	Edge modified flake	1
100	3	BRM 1	IIIc	1265-8	Edge modified flake	1
100	3	BRM 1	IIIc	1265-3	Microspur/microdenticulate	1
100	3	BRM 1	IIIc	1265-5	Projectile point fragment	1
100	4	BRM 1	IIIc	1295-1	Biface fragment	1
100	4	BRM 1	IIIc	1295-2	Biface Stage 2	1
100	4	BRM 1	IIIc		Debitage	646
100	4	BRM 1	IIIc	1295-7	Denticulated flake	1
100	4	BRM 1	IIIc	1295-6	Projectile point fragment	1
100	4	BRM 1	IIIc	1295-5	Projectile point fragment	1
100	4	BRM 1	IIIc	1295-4	Thin uniface	1
100	4	BRM 1	IIIc	1295-3	Thin uniface fragment	1
100	5	BRM 1	IIIc	1315-6	Biface fragment	1
100	5	BRM 1	IIIc	OR485	Biface Stage 2	1
100	5	BRM 1	IIIc		Debitage	583
100	5	BRM 1	IIIc	1315-3	Edge modified flake	1
100	5	BRM 1	IIIc	1315-5	Edge modified flake	1
100	5	BRM 1	IIIc	1315-2	Projectile point fragment	1
100	5	BRM 1	IIIc	1315-1	Projectile point, Marcos	1
100	5	BRM 1	IIIc	1315-4	Unifacial multiple tool	1
100	6	BRM 1	IIIc	1349-1	Biface Stage 1	1
100	6	BRM 1	IIIc	1349-7	Core, thermal	1
100	6	BRM 1	IIIc		Debitage	790
100	6	BRM 1	IIIc	1349-2	Edge modified flake	1
100	6	BRM 1	IIIc	1349-8	Perforator Group 7	1
100	6	BRM 1	IIIc	1349-4	Projectile point, bifurcate stem fragment	1
100	6	BRM 1	IIIc	1349-5	Projectile point, expanding concave B	1
100	6	BRM 1	IIIc	1349-6	Projectile point, Martindale A	1
100	6	BRM 1	IIIc	1349-3	Thin uniface	1
100	7	BRM 1	IIIc		Debitage	647
100	7	BRM 1	IIIc	1384-1	Edge modified flake	1
100	8	BRM 1	IIIc	1422-3	Biface fragment	1
100	8	BRM 1	IIIc	1422-1	Burin	1
100	8	BRM 1	IIIc		Debitage	588
100	9		Y/IIIc	1505-3	Biface fragment	1
100	9		Y/IIIc	1505-9	Biface fragment	1
100	9		Y/IIIc	1505-2	Burin spall	1
100	9		Y/IIIc	1502-4	Burin spall	1
100	9		Y/IIIc		Debitage	648
100	9		Y/IIIc	1505-4	Edge modified flake	1
100	9		Y/IIIc	1505-8	Edge modified flake	1
100	9		Y/IIIc	1505-5	Edge modified flake	1
100	9		Y/IIIc	1505-1	Projectile point, Marcos	1
100	10		Y	OR534	Biface Stage 2	1
100	10		Y	1560-5	Burin spall	1
100	10		Y	1560-6	Burin spall	1
100	10		Y		Debitage	1267
100	10		Y	1560-3	Edge modified flake	1
100	10		Y	1560-1	Micro-core, intermediate	1
100	10		Y	1560-4	Projectile point, bifurcate stem fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
100	10		Y	OR560	Projectile point, miscellaneous bifurcate	1
100	11		Y	1668-5	Biface Stage 2	1
100	11		Y	1668-4	Burin spall	1
100	11		Y	1668-1	Chert cobble, unmodified/tested	1
100	11		Y		Debitage	929
100	11		Y	1668-2	Edge modified flake	1
100	11		Y	1668-6	Edge modified flake, unanalyzed	1
100	11		Y	1668-7	Microspur/microdenticulate	1
100	11		Y	1668-3	Projectile point, Uvalde	1
100	11		Y	1668-9	Uniface, unanalyzed	1
101	12		Y	OR648	Burin	1
101	12		Y		Debitage	732
101	12		Y	2083-3	Edge modified flake	1
101	12		Y	2083-2	Thin uniface	1
101	12		Y	2083-1	Thin uniface fragment	1
101	13		Y	2858-7	Biface Stage 1	1
101	13		Y		Debitage	202
101	13		Y	2858-3	Edge modified flake	1
101	13		Y	2858-6	Edge modified flake	1
101	13		Y	2858-1	Edge modified flake	1
101	14		X/Y	2113-1	Biface Stage 1	1
101	14		X/Y		Debitage	20
101	15		X		Debitage	334
101	15		X	2651-1	Microspur/microdenticulate	1
101	15		X	OR651	Thick uniface	1
101	16		X	2805-3	Core, thermal	1
101	16		X		Debitage	182
101	16		X	2805-2	Edge modified flake	1
101	16		X	2805-4	Edge modified flake	1
101	17		X	2827-7	Core, thermal	1
101	17		X		Debitage	180
101	17		X	2827-3	Notched flake	1
101	17		X	2827-1	Unifacial multiple tool	1
101	17		X	2827-6	Unifacial multiple tool	1
101	18		X		Debitage	65
101	19		X		Debitage	19
101	20		X		Debitage	11
101	20		X	2609-1	Edge modified flake	1
101	22		X		Debitage	1
Test Unit A	2		Isi		Debitage	1
Test Unit A	3		Isi		Debitage	5
Test Unit A	4		Isi		Debitage	10
Test Unit A	5		Isi		Debitage	24
Test Unit A	6		Isi	124-6	Burin spall	1
Test Unit A	6		Isi		Debitage	4
Test Unit A	7		Isi		Debitage	2
Test Unit A	8		Isi		Debitage	3
Test Unit A	13		Isi		Debitage	2
Test Unit A	20		Igl		Debitage	1
Test Unit A	21		Igl		Debitage	5
Test Unit A	21		Igl	299-1	Unifacial multiple tool	1
Test Unit A	Wall				Debitage	1
Test Unit B				OR750	Biface Stage 1	1
Test Unit B	92.095			OR445	Bifacial tool Form G	1
Test Unit B	1		Isi		Debitage	4
Test Unit B	1		Isi	132-1	Edge modified flake	1
Test Unit B	2		Isi		Debitage	2
Test Unit B	3		Igl/Isi		Debitage	7
Test Unit B	4		Igl/Isi		Debitage	1
Test Unit B	5		Igl		Debitage	1
Test Unit B	6		Igl		Debitage	1
Test Unit B	7		Igl	166-8	Microspur/microdenticulate	1
Test Unit B	10		Igl		Debitage	2
Test Unit B	11		Igl		Debitage	1
Test Unit B	13		Igl		Debitage	1
Test Unit B	19		Igl	338	Edge modified flake	1
Test Unit B	Wall		Isi	240-5	Biface fragment	1
Test Unit B	Wall		Isi	240-8	Biface fragment	1
Test Unit B	Wall		Isi		Debitage	2
Backfill				787-5	Biface Stage 1	1
Backfill				787-3	Biface Stage 2	1
Backfill				787-1	Biface Stage 2	1
Backfill				787-4	Biface Stage 2	1
Backfill					Debitage	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
Square				787-2	Spurred flake	1
Backfill				787-6	Unifacial multiple tool	1
Baulk				707-8	Biface fragment	1
Baulk				707-7	Biface fragment	1
Baulk				707-2	Biface Stage 1	1
Baulk				707-10	Biface Stage 2	1
Baulk				707-5	Biface Stage 2	1
Baulk				707-4	Biface Stage 2	1
Baulk				707-9	Biface Stage 2	1
Baulk				707-6	Biface Stage 2	1
Baulk				707-3	Biface Stage 2	1
Baulk				707-11	Bifacial tool Form A	1
Baulk				707-1	Core, multidirectional	1
Baulk					Debitage	6
Baulk				707-12	Edge modified flake	1
Road				342-1	Projectile point fragment	1
Road				2350	Projectile point, Marcos	1
Wall				172-1	Thin uniface fragment	1
Wall				172-3	Thin uniface fragment	1
Wall				172-2	Thin uniface fragment	1
West of 27	44			2263	Thin uniface fragment	1
Unknown				2726-1	Biface Stage 3	1
Unknown				2129-1	Biface Stage 3	1
Unknown				1434	Projectile point, Bulverde	1
Unknown	39-45		Unknown		Debitage	1

Appendix 5: Table 2 - TxDOT Lithics by Provenience

Square	Level	Feature	Strata	Item	Analyst Identification	Count
Surface				0-32	Arrow point, Alba	1
Surface				0-33	Arrow point, Scallorn	1
Surface				0-63	Arrow point, Scallorn	1
Surface				0-125	Arrow point, Scallorn	1
Surface				0-49	Arrow point, stemmed	1
Surface				0-230	Biface fragment	1
Surface				0-227	Biface fragment	1
Surface				0-228	Biface fragment	1
Surface				0-226	Biface fragment	1
Surface				0-224	Biface fragment	1
Surface				0-131	Biface fragment	1
Surface				0-218	Biface fragment	1
Surface				0-14	Biface fragment	1
Surface				0-141	Biface fragment	1
Surface				0-149	Biface fragment	1
Surface				0-221	Biface fragment	1
Surface				0-97	Biface fragment	1
Surface				0-217	Biface fragment	1
Surface				0-43	Biface fragment	1
Surface				0-207	Biface fragment	1
Surface				0-138	Biface fragment	1
Surface				0-111	Biface Stage 1	1
Surface				0-167	Biface Stage 1	1
Surface				0-66	Biface Stage 1	1
Surface				0-25	Biface Stage 2	1
Surface				0-35	Biface Stage 2	1
Surface				0-72	Biface Stage 2	1
Surface				0-53	Biface Stage 2	1
Surface				0-68	Biface Stage 2	1
Surface				0-73	Biface Stage 2	1
Surface				0-124	Biface Stage 2	1
Surface				0-206	Biface Stage 2	1
Surface				0-122	Biface Stage 2	1
Surface				0-134	Biface Stage 2	1
Surface				0-67	Biface Stage 2	1
Surface				0-41	Biface Stage 2	1
Surface				0-6	Biface Stage 2	1
Surface				0-71	Biface Stage 2	1
Surface				0-78	Biface Stage 2	1
Surface				0-106	Biface Stage 2	1
Surface				0-229	Biface Stage 2	1
Surface				0-140	Biface Stage 2	1
Surface				0-8	Biface Stage 2	1
Surface				0-162	Biface Stage 2	1
Surface				0-110	Biface Stage 2	1
Surface				0-44	Biface Stage 2	1
Surface				0-70	Biface Stage 2	1
Surface				0-112	Biface Stage 3	1
Surface				0-12	Biface Stage 3	1
Surface				0-120	Biface Stage 3	1
Surface				0-77	Biface Stage 3	1
Surface				0-242	Biface Stage 3	1
Surface				0-113	Biface Stage 3	1
Surface				0-144	Biface Stage 3	1
Surface				0-87	Biface Stage 3	1
Surface				0-65	Biface Stage 3	1
Surface				0-173	Biface Stage 3	1
Surface				0-135	Biface Stage 3	1
Surface				0-9	Biface Stage 3	1
Surface				0-64	Bifacial tool Form A	1
Surface				0-209	Bifacial tool Form A	1
Surface				0-139	Bifacial tool Form A	1
Surface				0-69	Bifacial tool Form E	1
Surface				0-142	Burin	1
Surface				0-28	Burin	1
Surface				0-243	Burin	1
Surface				0-18	Burin	1
Surface				0-236	Burin spall	1
Surface				0-37	Burin spall	1
Surface				0-29	Burin spall	1
Surface				0-176	Burin spall	1
Surface				0-238	Burin spall	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
Surface				0-235	Burin spall	1
Surface				0-219	Burin spall	1
Surface				0-220	Burin spall	1
Surface				0-237	Burin spall	1
Surface				0-153	Core tool, type 4	1
Surface				0-175	Core, thermal	1
Surface				0-174	Core, thermal	1
Surface					Debitage	29
Surface				0-81	Denticulated flake	1
Surface				0-178	Edge modified flake	1
Surface				0-157	Edge modified flake	1
Surface				0-160	Edge modified flake	1
Surface				0-161	Edge modified flake	1
Surface				0-168	Edge modified flake	1
Surface				0-170	Edge modified flake	1
Surface				0-180	Edge modified flake	1
Surface				0-186	Edge modified flake	1
Surface				0-86	Edge modified flake	1
Surface				0-195	Edge modified flake	1
Surface				0-193	Edge modified flake	1
Surface				0-187	Edge modified flake	1
Surface				0-197	Edge modified flake	1
Surface				0-190	Edge modified flake	1
Surface				0-204	Edge modified flake	1
Surface				0-196	Edge modified flake	1
Surface				0-192	Edge modified flake	1
Surface				0-133	Edge modified flake	1
Surface				0-205	Edge modified flake	1
Surface				0-56	Edge modified flake	1
Surface				0-202	Edge modified flake	1
Surface				0-132	Edge modified flake	1
Surface				0-201	Edge modified flake	1
Surface				0-75	Edge modified flake	1
Surface				0-200	Edge modified flake	1
Surface				0-159	Edge modified flake	1
Surface				0-123	Edge modified flake	1
Surface				0-129	Edge modified flake	1
Surface				0-23	Edge modified flake	1
Surface				0-105	Mano	1
Surface				0-50	Mano fragment	1
Surface				0-155	Mano fragment	1
Surface				0-119	Metate	1
Surface				0-156	Metate fragment	1
Surface				0-150	Micro-core, intermediate	1
Surface				0-184	Microspur/microdenticulate	1
Surface				0-177	Microspur/microdenticulate	1
Surface				0-179	Microspur/microdenticulate	1
Surface				0-128	Microspur/microdenticulate	1
Surface				0-109	Notched flake	1
Surface				0-158	Notched flake	1
Surface				0-152	Notched flake	1
Surface				0-203	Notched flake	1
Surface				0-181	Notched flake	1
Surface				0-145	Perforator Group 1	1
Surface				0-39	Perforator Group 1	1
Surface				0-74	Perforator Group 7	1
Surface				0-225	Perforator Unifacial	1
Surface				0-215	Possible ground stone	1
Surface				0-104	Projectile point fragment	1
Surface				0-171	Projectile point fragment	1
Surface				0-136	Projectile point fragment	1
Surface				0-172	Projectile point fragment	1
Surface				0-57	Projectile point fragment	1
Surface				0-46	Projectile point fragment	1
Surface				0-58	Projectile point fragment	1
Surface				0-27	Projectile point fragment	1
Surface				0-222	Projectile point fragment	1
Surface				0-121	Projectile point fragment	1
Surface				0-114	Projectile point fragment	1
Surface				0-22	Projectile point fragment	1
Surface				0-17	Projectile point, Angostura	1
Surface				0-107	Projectile point, Bandy	1
Surface				0-100	Projectile point, beveled narrow stemmed	1
Surface				0-20	Projectile point, Bulverde	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
Surface				0-116	Projectile point, Bulverde	1
Surface				0-117	Projectile point, Bulverde	1
Surface				0-99	Projectile point, Bulverde	1
Surface				0-34	Projectile point, Bulverde	1
Surface				0-89	Projectile point, Bulverde-like	1
Surface				0-115	Projectile point, Castroville	1
Surface				0-118	Projectile point, Darl	1
Surface				0-108	Projectile point, Darl	1
Surface				0-95	Projectile point, Darl	1
Surface				0-11	Projectile point, Darl	1
Surface				0-94	Projectile point, Ensor	1
Surface				0-59	Projectile point, expanding stem A	1
Surface				0-60	Projectile point, expanding stem C	1
Surface				0-98	Projectile point, Gower	1
Surface				0-31	Projectile point, Hoxie	1
Surface				0-93	Projectile point, indeterminate	1
Surface				0-103	Projectile point, indeterminate	1
Surface				0-38	Projectile point, Jetta-like	1
Surface				0-88	Projectile point, Lange	1
Surface				0-15	Projectile point, Marcos	1
Surface				0-10	Projectile point, miscellaneous bifurcate	1
Surface				0-96	Projectile point, miscellaneous lanceolate	1
Surface				0-90	Projectile point, miscellaneous side-notched	1
Surface				0-137	Projectile point, miscellaneous side-notched	1
Surface				0-54	Projectile point, Montell	1
Surface				0-91	Projectile point, Nolan	1
Surface				0-26	Projectile point, Nolan	1
Surface				0-101	Projectile point, Nolan preform	1
Surface				0-146	Projectile point, Pedernales	1
Surface				0-126	Projectile point, Pedernales	1
Surface				0-52	Projectile point, rectangular stem B	1
Surface				0-1	Projectile point, St. Mary's Hall	1
Surface				0-55	Projectile point, Travis-like	1
Surface				0-24	Projectile point, Uvalde	1
Surface				0-208	Thick uniface	1
Surface				0-210	Thick uniface	1
Surface				0-169	Thick uniface	1
Surface				0-85	Thin uniface	1
Surface				0-83	Thin uniface	1
Surface				0-198	Thin uniface	1
Surface				0-79	Thin uniface	1
Surface				0-48	Thin uniface	1
Surface				0-40	Thin uniface	1
Surface				0-84	Thin uniface	1
Surface				0-191	Thin uniface fragment	1
Surface				0-189	Thin uniface fragment	1
Surface				0-188	Thin uniface fragment	1
Surface				0-183	Unifacial multiple tool	1
Surface				0-36	Unifacial multiple tool	1
Surface				0-7	Unifacial multiple tool	1
Surface				0-45	Unifacial multiple tool	1
Surface				0-13	Unifacial multiple tool	1
Surface				0-182	Unifacial multiple tool	1
Surface				0-199	Unifacial multiple tool	1
Surface				0-80	Unifacial multiple tool	1
Surface				0-211	Waco sinker	1
W0/N8	1	BRM 2	IIIc		Debitage	54
W0/N8	1	BRM 2	IIIc	50AB-6	Notched flake	1
W0/N8	1	BRM 2	IIIc	50AC-1	Projectile point fragment	1
W0/N8	1	BRM 2	IIIc	50AB-3	Retouched blade	1
W0/N8	1	BRM 2	IIIc	50AC-10	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AB-4	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AB-7	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AC-11	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AC-12	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AC-13	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AC-9	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AC-8	Uniface, unanalyzed	1
W0/N8	1	BRM 2	IIIc	50AD-15	Unifacial multiple tool	1
W0/N8	1	BRM 2	IIIc	50AA-2	Unifacial multiple tool	1
W0/N8	1	BRM 2	IIIc	50AB-5	Unifacial multiple tool	1
W0/N8	2	BRM 2	IIIc	50BB-5	Biface Stage 2	1
W0/N8	2	BRM 2	IIIc	50BA-12	Core, thermal	1
W0/N8	2	BRM 2	IIIc		Debitage	105

Square	Level	Feature	Strata	Item	Analyst Identification	Count
W0/N8	2	BRM 2	IIIc	50BA-4	Notched flake	1
W0/N8	2	BRM 2	IIIc	50BD-10	Notched flake	1
W0/N8	2	BRM 2	IIIc	50BA-3	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BD-11	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BC-9	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BC-8	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BC-6	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BA-2	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BC-7	Uniface, unanalyzed	1
W0/N8	2	BRM 2	IIIc	50BA-1	Unifacial multiple tool	1
W0/N8	3	BRM 2	IIIc	50CD-11	Biface Stage 2	1
W0/N8	3	BRM 2	IIIc	50CB-17	Core, thermal	1
W0/N8	3	BRM 2	IIIc		Debitage	94
W0/N8	3	BRM 2	IIIc	50CA-4	Edge modified flake	1
W0/N8	3	BRM 2	IIIc	50CA-1	Projectile point, rectangular stem C	1
W0/N8	3	BRM 2	IIIc	50CD-13	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CA-3	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CD-16	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CD-14	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CD-12	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CC-8	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CC-10	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CB-7	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CB-6	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CA-5	Uniface, unanalyzed	1
W0/N8	3	BRM 2	IIIc	50CD-15	Uniface, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DD-13	Biface fragment, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DA-1	Biface Stage 1	1
W0/N8	4	BRM 2	IIIc	50DA-2	Biface Stage 1	1
W0/N8	4	BRM 2	IIIc	50DD-10	Biface Stage 2	1
W0/N8	4	BRM 2	IIIc		Debitage	85
W0/N8	4	BRM 2	IIIc	50DA-3	Edge modified flake	1
W0/N8	4	BRM 2	IIIc	50DA-7	Thin uniface	1
W0/N8	4	BRM 2	IIIc	50DA-4	Uniface, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DA-5	Uniface, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DA-6	Uniface, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DC-9	Uniface, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DD-11	Uniface, unanalyzed	1
W0/N8	4	BRM 2	IIIc	50DD-12	Uniface, unanalyzed	1
W0/N8	5	BRM 2	IIIc	50EB-5	Biface Stage 2	1
W0/N8	5	BRM 2	IIIc	50EA-1	Biface Stage 2	1
W0/N8	5	BRM 2	IIIc		Debitage	81
W0/N8	5	BRM 2	IIIc	50EB-6	Perforator Group 7	1
W0/N8	5	BRM 2	IIIc	50EB-7	Projectile point, Bulverde	1
W0/N8	5	BRM 2	IIIc	50EC-9	Uniface, unanalyzed	1
W0/N8	5	BRM 2	IIIc	50EA-3	Uniface, unanalyzed	1
W0/N8	5	BRM 2	IIIc	50EA-2	Uniface, unanalyzed	1
W0/N8	5	BRM 2	IIIc	50EA-4	Uniface, unanalyzed	1
W0/N8	5	BRM 2	IIIc	50EC-8	Uniface, unanalyzed	1
W0/N8	6	BRM 2	IIIc	50FD-8	Biface Stage 2	1
W0/N8	6	BRM 2	IIIc	50FD-9	Biface Stage 3	1
W0/N8	6	BRM 2	IIIc	50FB-5	Biface Stage 3	1
W0/N8	6	BRM 2	IIIc		Debitage	125
W0/N8	6	BRM 2	IIIc	50FC-6	Projectile point fragment	1
W0/N8	6	BRM 2	IIIc	50FD-10	Projectile point, Bulverde	1
W0/N8	6	BRM 2	IIIc	50FB-3	Projectile point, Nolan	1
W0/N8	6	BRM 2	IIIc	50FA-4	Projectile point, Nolan	1
W0/N8	6	BRM 2	IIIc	50FB-2	Projectile point, rectangular stem B	1
W0/N8	6	BRM 2	IIIc	50FC-7	Uniface, unanalyzed	1
W0/N8	6	BRM 2	IIIc	50FD-11	Unifacial multiple tool	1
W0/N8	7	BRM 2	IIIc		Debitage	163
W0/N8	7	BRM 2	IIIc	50GD-13	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GB-5	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GB-4	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GA-1	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GB-6	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GB-7	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GD-14	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GC-11	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GD-15	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GA-2	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GC-12	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GB-8	Uniface, unanalyzed	1
W0/N8	7	BRM 2	IIIc	50GC-10	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
W0/N8	7	BRM 2	IIIc	50GB-9	Unifacial multiple tool	1
W0/N8	8	BRM 2	IIIc	50HC-10	Biface fragment	1
W0/N8	8	BRM 2	IIIc		Debitage	460
W0/N8	8	BRM 2	IIIc	50HA-2	Projectile point fragment	1
W0/N8	8	BRM 2	IIIc	50HD-12	Projectile point fragment	1
W0/N8	8	BRM 2	IIIc	50HA-1	Projectile point, Nolan	1
W0/N8	8	BRM 2	IIIc	50HA-6	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HA-3	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HB-7	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HA-4	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HD-11	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HD-14	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HB-8	Uniface, unanalyzed	1
W0/N8	8	BRM 2	IIIc	50HB-9	Uniface, unanalyzed	1
W0/N8	9		IIIc		Debitage	59
W0/N8	9		IIIc	50IC-12	Projectile point fragment	1
W0/N8	9		IIIc	50IC-16	Uniface, unanalyzed	1
W0/N8	9		IIIc	50IC-13	Uniface, unanalyzed	1
W0/N8	9		IIIc	50IC-15	Uniface, unanalyzed	1
W0/N8	9	BRM 2	IIIc	50ID-17	Biface fragment	1
W0/N8	9	BRM 2	IIIc	50IB-4	Biface Stage 2	1
W0/N8	9	BRM 2	IIIc	50IA-1	Biface Stage 3	1
W0/N8	9	BRM 2	IIIc	50IB-6	Burin	1
W0/N8	9	BRM 2	IIIc		Debitage	371
W0/N8	9	BRM 2	IIIc	50IA-2	Notched flake	1
W0/N8	9	BRM 2	IIIc	50IB-5	Projectile point fragment	1
W0/N8	9	BRM 2	IIIc	50ID-18	Thin uniface	1
W0/N8	9	BRM 2	IIIc	50IB-7	Thin uniface fragment	1
W0/N8	9	BRM 2	IIIc	50IB-10	Uniface, unanalyzed	1
W0/N8	9	BRM 2	IIIc	50IB-9	Uniface, unanalyzed	1
W0/N8	9	BRM 2	IIIc	50IB-11	Uniface, unanalyzed	1
W0/N8	9	BRM 2	IIIc	50IB-8	Uniface, unanalyzed	1
W0/N8	10		IIIc		Debitage	119
W0/N8	10		IIIc	50JC-16	Thin uniface fragment	1
W0/N8	10		IIIc	50JC-17	Uniface, unanalyzed	1
W0/N8	10		IIIc	50JC-13	Uniface, unanalyzed	1
W0/N8	10		IIIc	50JC-12	Unifacial multiple tool	1
W0/N8	10	BRM 2	IIIc	50JB-7	Biface Stage 1	1
W0/N8	10	BRM 2	IIIc	50JA-1	Biface Stage 1	1
W0/N8	10	BRM 2	IIIc	50JD-20	Biface Stage 2	1
W0/N8	10	BRM 2	IIIc	50JD-18	Biface Stage 2	1
W0/N8	10	BRM 2	IIIc	50JD-19	Biface Stage 3	1
W0/N8	10	BRM 2	IIIc		Debitage	619
W0/N8	10	BRM 2	IIIc	50JB-4	Metate fragment	1
W0/N8	10	BRM 2	IIIc	50JD-21	Projectile point fragment	1
W0/N8	10	BRM 2	IIIc	50JB-5	Projectile point, Bulverde	1
W0/N8	10	BRM 2	IIIc	50JC-11	Projectile point, expanding concave D	1
W0/N8	10	BRM 2	IIIc	50JC-10	Projectile point, Travis-like	1
W0/N8	10	BRM 2	IIIc	50JB-8	Uniface, unanalyzed	1
W0/N8	10	BRM 2	IIIc	50JA-2	Uniface, unanalyzed	1
W0/N8	10	BRM 2	IIIc	50JD-24	Uniface, unanalyzed	1
W0/N8	10	BRM 2	IIIc	50JA-3	Uniface, unanalyzed	1
W0/N8	10	BRM 2	IIIc	50JD-22	Unifacial multiple tool	1
W0/N8	10	BRM 2	IIIc	50JD-23	Unifacial multiple tool	1
W0/N8	10	Feature 195	IIIc	50JC-9	Biface Stage 2	1
W0/N8	11		IIIc	50KA-6	Burin	1
W0/N8	11		IIIc		Debitage	155
W0/N8	11		IIIc	50KA-5	Thin uniface fragment	1
W0/N8	11		IIIc	50KA-2	Uniface, unanalyzed	1
W0/N8	11		IIIc	50KA-4	Uniface, unanalyzed	1
W0/N8	11		IIIc	50KA-7	Uniface, unanalyzed	1
W0/N8	11		IIIc	50KA-8	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KC-16	Biface fragment	1
W0/N8	11	BRM 2	IIIc	50KC-14	Biface Stage 2	1
W0/N8	11	BRM 2	IIIc	50KB-9	Bifacial tool Form A	1
W0/N8	11	BRM 2	IIIc		Debitage	375
W0/N8	11	BRM 2	IIIc	50KD-21	Notched flake	1
W0/N8	11	BRM 2	IIIc	50KB-11	Notched flake	1
W0/N8	11	BRM 2	IIIc	50KB-10	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KC-15	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KB-13	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KB-12	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KD-25	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KD-22	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
W0/N8	11	BRM 2	IIIc	50KD-23	Uniface, unanalyzed	1
W0/N8	11	BRM 2	IIIc	50KD-24	Uniface, unanalyzed	1
W0/N8	11	Feature 194	IIIc		Debitage	35
W0/N8	11	Feature 194	IIIc	50KC-17	Thin uniface	1
W0/N8	11	Feature 194	IIIc	50KC-18	Uniface, unanalyzed	1
W0/N8	11	Feature 194	IIIc	50KC-19	Unifacial multiple tool	1
W0/N8	12		III	50LA-2	Core, thermal	1
W0/N8	12		III		Debitage	472
W0/N8	12		III	50LD-5	Projectile point, Bandy	1
W0/N8	12		III	50LA-1	Projectile point, Wells	1
W0/N8	12		III	50LB-4	Uniface, unanalyzed	1
W0/N8	12		III	50LB-3	Uniface, unanalyzed	1
W0/N8	13		III	50MC-5	Biface fragment	1
W0/N8	13		III	50MC-9	Biface fragment	1
W0/N8	13		III	50MD-12	Biface Stage 2	1
W0/N8	13		III	50MA-2	Burin spall	1
W0/N8	13		III		Debitage	553
W0/N8	13		III	50MC-10	Denticulated flake	1
W0/N8	13		III	50MC-6	Notched flake	1
W0/N8	13		III	50MA-1	Projectile point, expanding stem B	1
W0/N8	13		III	50MC-7	Uniface, unanalyzed	1
W0/N8	13		III	50MD-11	Uniface, unanalyzed	1
W0/N8	13		III	50MA-3	Uniface, unanalyzed	1
W0/N8	14		III	50NB-2	Biface fragment	1
W0/N8	14		III		Debitage	216
W0/N8	14		III	50NA-4	Microspur/microdenticulate	1
W0/N8	14		III	50NB-3	Projectile point fragment	1
W0/N8	14		III	50NB-1	Projectile point, Hoxie	1
W0/N8	14		III	50NB-5	Uniface, unanalyzed	1
W0/N8	14		III	50ND-8	Uniface, unanalyzed	1
W0/N8	14		III	50NB-6	Uniface, unanalyzed	1
W0/N8	14	Feature 196	III		Debitage	75
W0/N8	14	Feature 196	III	50NC-7	Uniface, unanalyzed	1
W0/N8	15		III		Debitage	149
W0/N8	15		III	50OD-2	Projectile point, bifurcate stem fragment	1
W0/N8	16		III	50PD-2	Biface Stage 2	1
W0/N8	16		III	50PC-5	Core tool, type 2	1
W0/N8	16		III	50PA-3	Core, thermal	1
W0/N8	16		III		Debitage	192
W0/N8	16		III	50PB-1	Projectile point, Gower	1
W0/N8	16		III	50PD-6	Projectile point, long stemmed	1
W0/N8	17		III		Debitage	170
W0/N8	18		III	50RBD-2	Chert cobble, unmodified/tested	1
W0/N8	18		III		Debitage	133
W0/N8	18		III	50RBD-1	Uniface, unanalyzed	1
W0/N8	19		III	50SB-2	Biface fragment	1
W0/N8	19		III	50SB-6	Biface fragment	1
W0/N8	19		III	50SB-1	Biface Stage 2	1
W0/N8	19		III		Debitage	166
W0/N8	20		III	50TB-2	Biface Stage 1	1
W0/N8	20		III	50TA-2	Core tool, type 5	1
W0/N8	20		III		Debitage	167
W0/N8	20		III	50TC-3	Projectile point, miscellaneous lanceolate	1
W0/N8	21		III		Debitage	73
W0/N8	21		III	50UC-1	Notched flake	1
W0/N8	22		III		Debitage	81
W0/N8	23		II/III	50WC-1	Biface Stage 2	1
W0/N8	23		II/III	50WD-3	Biface Stage 2	1
W0/N8	23		II/III	50WC-2	Burin spall	1
W0/N8	23		II/III		Debitage	161
W0/N8	24		II	50XD-5	Biface fragment	1
W0/N8	24		II		Debitage	190
W0/N8	24		II	50XD-1	Projectile point, St. Mary's Hall	1
W0/N8	24		II	50XD-4	Uniface, unanalyzed	1
W0/N8	24		II	50XA-2	Uniface, unanalyzed	1
W0/N8	24		II	50XB-3	Unifacial multiple tool	1
W0/N8	25		I/II	50YD-2	Biface Stage 2	1
W0/N8	25		I/II		Debitage	205
W0/N8	25	Feature 166	I/II	50YA-1	Projectile point, Golondrina-Barber	1
W0/N8	26		I	50ZA-2	Biface fragment	1
W0/N8	26		I		Debitage	122
W0/N8	26		I	50ZA-1	Unifacial multiple tool	1
W0/N8	26A		I		Debitage	12
W0/N8	26B		I		Debitage	19

Square	Level	Feature	Strata	Item	Analyst Identification	Count
W0/N8	27A		I		Debitage	84
W0/N8	27B		I		Debitage	75
W0/N8	27B		I	50AA2B-1	Perforator Group 7	1
W0/N8	28A		I	50BB1D-2	Clear Fork biface	1
W0/N8	28A		I		Debitage	66
W0/N8	28A		I	50BB1C-1	Thick uniface	1
W0/N8	28B		I		Debitage	35
W0/N8	29A		I		Debitage	23
W0/N8	29B		I		Debitage	15
W0/N8	30		I	50DDA-1	Biface Stage 2	1
W0/N8	30		I		Debitage	13
W0/N8	31		I		Debitage	2
W0/N8	32A-B		I		Debitage	1
W0/N8	33A-B		I		Debitage	6
W0/N8	34A-B		I		Debitage	4
W0/N8	35A-B		I		Debitage	6
W0/N8	36A-B		I		Debitage	4
W0/N8	37A-B		I	50KK1&2B-2	Chert cobble, chunk	1
W0/N8	37A-B		I	50KK1&2A-1	Core, unidirectional	1
W0/N8	37A-B		I		Debitage	3
W0/N8	38A-B		Igl?/I		Debitage	7
W0/N8	38A-B		Igl?/I	50LL1&2D-1	Edge modified flake	1
W0/N8	40A-B		Igl?/I		Debitage	1
E2/N8	1	BRM 2	IIIc	51AC-2	Biface Stage 2	1
E2/N8	1	BRM 2	IIIc	51AC-3	Bifacial tool Form F	1
E2/N8	1	BRM 2	IIIc		Debitage	110
E2/N8	1	BRM 2	IIIc	51AD-5	Projectile point, indeterminate	1
E2/N8	1	BRM 2	IIIc	51AB-1	Uniface, unanalyzed	1
E2/N8	2		IIIc	51BB-2	Biface fragment	1
E2/N8	2	BRM 2	IIIc	51BB-4	Biface fragment	1
E2/N8	2	BRM 2	IIIc	51BB-3	Biface fragment, unanalyzed	1
E2/N8	2	BRM 2	IIIc	51BA-1	Biface Stage 2	1
E2/N8	2	BRM 2	IIIc	51BB-5	Core, thermal	1
E2/N8	2	BRM 2	IIIc		Debitage	168
E2/N8	2	BRM 2	IIIc	51BA-2	Projectile point fragment	1
E2/N8	2	BRM 2	IIIc	51BD-12	Projectile point, rectangular stem A	1
E2/N8	2	BRM 2	IIIc	51BB-8	Thin uniface	1
E2/N8	2	BRM 2	IIIc	51BB-6	Thin uniface	1
E2/N8	2	BRM 2	IIIc	51BB-11	Thin uniface fragment	1
E2/N8	2	BRM 2	IIIc	51BD-13	Uniface, unanalyzed	1
E2/N8	2	BRM 2	IIIc	51BB-7	Uniface, unanalyzed	1
E2/N8	2	BRM 2	IIIc	51BB-10	Unifacial multiple tool	1
E2/N8	2	BRM 2	IIIc	51BB-9	Unifacial multiple tool	1
E2/N8	3	BRM 2	IIIc	51CA-1	Biface Stage 2	1
E2/N8	3	BRM 2	IIIc		Debitage	62
E2/N8	3	BRM 2	IIIc	51CB-7	Projectile point, Bulverde-like	1
E2/N8	3	BRM 2	IIIc	51CD-13	Projectile point, rectangular stem C	1
E2/N8	3	BRM 2	IIIc	51CD-14	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CA-6	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CA-4	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CD-15	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CC-12	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CC-11	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CC-10	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CB-9	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CA-5	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CA-3	Uniface, unanalyzed	1
E2/N8	3	BRM 2	IIIc	51CA-2	Uniface, unanalyzed	1
E2/N8	4	BRM 2	IIIc	51DC-5	Biface Stage 2	1
E2/N8	4	BRM 2	IIIc	51DB-4	Bifacial tool Form A	1
E2/N8	4	BRM 2	IIIc		Debitage	118
E2/N8	4	BRM 2	IIIc	51DB-2	Notched flake	1
E2/N8	4	BRM 2	IIIc	51DC-7	Thin uniface fragment	1
E2/N8	4	BRM 2	IIIc	51DD-8	Uniface, unanalyzed	1
E2/N8	4	BRM 2	IIIc	51DD-9	Uniface, unanalyzed	1
E2/N8	4	BRM 2	IIIc	51DA-1	Uniface, unanalyzed	1
E2/N8	4	BRM 2	IIIc	51DC-6	Uniface, unanalyzed	1
E2/N8	4	BRM 2	IIIc	51DB-3	Uniface, unanalyzed	1
E2/N8	5	BRM 2	IIIc	51EA-1	Biface Stage 2	1
E2/N8	5	BRM 2	IIIc	51EB-6	Biface Stage 2	1
E2/N8	5	BRM 2	IIIc	51ED-10	Bifacial tool Form A	1
E2/N8	5	BRM 2	IIIc	51EA-4	Core, thermal	1
E2/N8	5	BRM 2	IIIc		Debitage	90
E2/N8	5	BRM 2	IIIc	51EB-8	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E2/N8	5	BRM 2	IIIc	51EB-7	Uniface, unanalyzed	1
E2/N8	5	BRM 2	IIIc	51EA-2	Uniface, unanalyzed	1
E2/N8	5	BRM 2	IIIc	51EC-9	Uniface, unanalyzed	1
E2/N8	5	BRM 2	IIIc	51EB-5	Unifacial multiple tool	1
E2/N8	6	BRM 2	IIIc		Debitage	140
E2/N8	6	BRM 2	IIIc	51FC-15	Notched flake	1
E2/N8	6	BRM 2	IIIc	51FB-4	Projectile point, Bulverde-like	1
E2/N8	6	BRM 2	IIIc	51FD-16	Projectile point, Lange	1
E2/N8	6	BRM 2	IIIc	51FA-1	Projectile point, Travis	1
E2/N8	6	BRM 2	IIIc	51FC-10	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FA-3	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FA-2	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FB-6	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FB-7	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FC-11	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FC-12	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FC-13	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FC-9	Uniface, unanalyzed	1
E2/N8	6	BRM 2	IIIc	51FC-14	Uniface, unanalyzed	1
E2/N8	7	BRM 2	IIIc	51GB-2	Biface Stage 2	1
E2/N8	7	BRM 2	IIIc		Debitage	103
E2/N8	7	BRM 2	IIIc	51GD-5	Thin uniface	1
E2/N8	7	BRM 2	IIIc	51GA-1	Uniface, unanalyzed	1
E2/N8	7	BRM 2	IIIc	51GB-3	Uniface, unanalyzed	1
E2/N8	7	BRM 2	IIIc	51GC-4	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc		Debitage	113
E2/N8	8	BRM 2	IIIc	51HB-7	Edge modified flake	1
E2/N8	8	BRM 2	IIIc	51HD-13	Projectile point fragment	1
E2/N8	8	BRM 2	IIIc	51HD-12	Projectile point, Bulverde-like	1
E2/N8	8	BRM 2	IIIc	51HB-6	Projectile point, Nolan	1
E2/N8	8	BRM 2	IIIc	51HD-11	Projectile point, square stem	1
E2/N8	8	BRM 2	IIIc	51HD-14	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HD-16	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HB-9	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HC-10	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HB-8	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HD-17	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HA-4	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HD-18	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HA-3	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HA-1	Uniface, unanalyzed	1
E2/N8	8	BRM 2	IIIc	51HA-5	Uniface, unanalyzed	1
E2/N8	9A	BRM 2	IIIc	51IIA-1	Biface Stage 2	1
E2/N8	9A	BRM 2	IIIc		Debitage	167
E2/N8	9B	BRM 2	IIIc		Debitage	253
E2/N8	10		IIIc	51JA-12	Worked hematite	1
E2/N8	10	BRM 2	IIIc	51JB-6	Biface Stage 1	1
E2/N8	10	BRM 2	IIIc	51JD-10	Biface Stage 3	1
E2/N8	10	BRM 2	IIIc	51JB-5	Biface Stage 3	1
E2/N8	10	BRM 2	IIIc		Debitage	347
E2/N8	10	BRM 2	IIIc	51JD-11	Projectile point fragment	1
E2/N8	10	BRM 2	IIIc	51JA-2	Projectile point fragment	1
E2/N8	10	BRM 2	IIIc	51JA-1	Projectile point, Early Triangular	1
E2/N8	10	BRM 2	IIIc	51JA-4	Projectile point, Nolan	1
E2/N8	10	BRM 2	IIIc	51JB-7	Projectile point, rectangular stem B	1
E2/N8	10	BRM 2	IIIc	51JB-8	Projectile point, Travis	1
E2/N8	10	BRM 2	IIIc	51JC-9	Uniface, unanalyzed	1
E2/N8	11	BRM 2	IIIc	51KD-17	Biface fragment	1
E2/N8	11	BRM 2	IIIc	51KD-16	Biface Stage 1	1
E2/N8	11	BRM 2	IIIc	51KC-9	Biface Stage 1	1
E2/N8	11	BRM 2	IIIc	51KC-10	Biface Stage 1	1
E2/N8	11	BRM 2	IIIc	51KC-8	Bifacial tool Form J	1
E2/N8	11	BRM 2	IIIc	51KB-4	Burin spall	1
E2/N8	11	BRM 2	IIIc		Debitage	615
E2/N8	11	BRM 2	IIIc	51KB-3	Mano	1
E2/N8	11	BRM 2	IIIc	51KD-18	Projectile point, expanding stem D	1
E2/N8	11	BRM 2	IIIc	51KA-2	Projectile point, Nolan	1
E2/N8	11	BRM 2	IIIc	51KB-6	Projectile point, Nolan	1
E2/N8	11	BRM 2	IIIc	51KC-12	Uniface, unanalyzed	1
E2/N8	11	BRM 2	IIIc	51KC-11	Uniface, unanalyzed	1
E2/N8	12		III	51LA-1	Biface Stage 2	1
E2/N8	12		III	51LB-3	Biface Stage 2	1
E2/N8	12		III	51LA-2	Core fragment	1
E2/N8	12		III		Debitage	328

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E2/N8	12		III	51LD-5	Edge modified flake	1
E2/N8	12		III	51LB-4	Uniface, unanalyzed	1
E2/N8	12		III	51LB-7	Worked hematite	1
E2/N8	13		III	51MD-8	Biface fragment	1
E2/N8	13		III		Debitage	376
E2/N8	13		III	51MB-3	Mano fragment	1
E2/N8	13		III	51MC-5	Possible ground stone	1
E2/N8	13		III	51MA-1	Projectile point, Bell/Andice	1
E2/N8	13		III	51MC-6	Projectile point, square stem	1
E2/N8	13		III	51MD-9	Uniface, unanalyzed	1
E2/N8	13		III	51MA-2	Uniface, unanalyzed	1
E2/N8	13		III	51MB-4	Uniface, unanalyzed	1
E2/N8	13		III	51MD-10	Unifacial multiple tool	1
E2/N8	14		III		Debitage	334
E2/N8	14		III	51NA-1	Projectile point, indeterminate	1
E2/N8	14		III	51ND-4	Thin uniface	1
E2/N8	14		III	51ND-5	Thin uniface	1
E2/N8	14		III	51NB-2	Uniface, unanalyzed	1
E2/N8	14	Feature 196	III		Debitage	50
E2/N8	14	Feature 196	III	51ND-3	Projectile point, Bell/Andice	1
E2/N8	15		III	51OD-2	Burin spall	1
E2/N8	15		III	51OB-1	Core fragment	1
E2/N8	15		III		Debitage	152
E2/N8	15		III	51OD-3	Uniface, unanalyzed	1
E2/N8	16		III		Debitage	157
E2/N8	16		III	51PA-3	Perforator Group 7	1
E2/N8	16		III	51PC-1	Projectile point, miscellaneous lanceolate	1
E2/N8	16		III	51PD-2	Projectile point, miscellaneous lanceolate	1
E2/N8	17		III		Debitage	160
E2/N8	17		III	51QC-1	Uniface, unanalyzed	1
E2/N8	17		III	51QD-2	Unifacial multiple tool	1
E2/N8	18		III		Debitage	137
E2/N8	18		III	51RB-1	Uniface, unanalyzed	1
E2/N8	19		III	51SC-6	Biface Stage 1	1
E2/N8	19		III	51SA-1	Burin	1
E2/N8	19		III	51SA-4	Burin	1
E2/N8	19		III		Debitage	249
E2/N8	19		III	51SA-3	Micro-core, small	1
E2/N8	19		III	51SA-2	Perforator Group 1	1
E2/N8	19		III	51SC-7	Projectile point, expanding concave A	1
E2/N8	19		III	51SC-9	Uniface, unanalyzed	1
E2/N8	19		III	51SC-8	Uniface, unanalyzed	1
E2/N8	19		III	51SB-5	Unifacial multiple tool	1
E2/N8	20		III	51TC-2	Biface fragment	1
E2/N8	20		III	51TD-4	Biface Stage 2	1
E2/N8	20		III	51TC-3	Burin spall	1
E2/N8	20		III	51TD-5	Core tool, type 5	1
E2/N8	20		III		Debitage	267
E2/N8	20		III	51TD-6	Uniface, unanalyzed	1
E2/N8	21		III	51UA-1	Biface fragment	1
E2/N8	21		III		Debitage	98
E2/N8	21		III	51UA-3	Uniface, unanalyzed	1
E2/N8	22		III	51VA-3	Burin spall	1
E2/N8	22		III		Debitage	86
E2/N8	22		III	51VA-2	Micro-core, intermediate	1
E2/N8	22		III	51VA-1	Perforator Group 5	1
E2/N8	23		II/III	51WB-3	Brushy Creek biface	1
E2/N8	23		II/III		Debitage	160
E2/N8	23		II/III	51WB-1	Projectile point fragment	1
E2/N8	23		II/III	51WB-2	Projectile point, miscellaneous lanceolate	1
E2/N8	24		II		Debitage	191
E2/N8	24		II	51XD-3	Thick uniface	1
E2/N8	24		II	51XB-1	Thin uniface	1
E2/N8	25	Feature 166	I/II		Debitage	7
E2/N8	25A		I/II	51Y1B-2	Biface Stage 2	1
E2/N8	25A		I/II		Debitage	122
E2/N8	25A		I/II	51Y1C-5	Unifacial multiple tool	1
E2/N8	25A	Feature 166	I/II	51Y1B-3	Bifacial tool	1
E2/N8	25A	Feature 166	I/II	51Y1B-1	Projectile point, Golondrina-Barber	1
E2/N8	25A	Feature 166	I/II	51Y1B-4	Uniface, unanalyzed	1
E2/N8	25B		I		Debitage	107
E2/N8	25B		I	51Y2C-1	Unifacial multiple tool	1
E2/N8	26A		I		Debitage	72
E2/N8	26A	Feature 166	I		Debitage	16

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E2/N8	26B		I		Debitage	31
E2/N8	26B		I	51Z2A-1	Uniface, unanalyzed	1
E2/N8	26B		I	51Z2C-4	Uniface, unanalyzed	1
E2/N8	26B	Feature 166	I		Debitage	49
E2/N8	27A	Feature 166	I	51AA1D-2	Biface Stage 2	1
E2/N8	27A	Feature 166	I	51AA1D-1	Biface Stage 2	1
E2/N8	27A	Feature 166	I	51AA1D-3	Clear Fork biface	1
E2/N8	27A	Feature 166	I		Debitage	5
E2/N8	27B		I		Debitage	7
E2/N8	27B		I	51AA2D-1	Thin uniface	1
E2/N8	28A		I		Debitage	11
E2/N8	28A		I	51BB1-1	Uniface, unanalyzed	1
E2/N8	Unknown			51*-1	Burin	1
E2/N8	Unknown				Debitage	12
E18/S74	15B		IIIa	38O2	Biface Stage 2	1
E18/S74	16A		IIIa	38P1	Bifacial tool	1
E18/S74	19A		IIIa	38S1	Projectile point, St. Mary's Hall	1
E18/S74	25		Isi-c/Id/II	38Y-25	Clear Fork biface	1
E18/S76	7		IIIc	39G	Bifacial tool Form A	1
E18/S76	19B		II/IIIa	39S2	Biface Stage 2	1
E18/S76	32		Isi/Icl	39FF-1	Biface Stage 1	1
E18/S76	32		Isi/Icl	39FF-2	Clear Fork biface	1
E18/S76	Unknown				Debitage	7
E18/S84	7		IIIb/c	40G	Biface Stage 2	1
E18/S84	9		IIIb/c	40I	Projectile point, Uvalde-like	1
E18/S84	11		Unknown	43K	Biface Stage 2	1
E18/S84	14B		IIIa	40N2-1	Core, multidirectional	1
E18/S84	18A		II/IIIa	40R1-2	Bifacial tool	1
E18/S84	18A		II/IIIa	40R1-1	Burin	1
E18/S84	19		II/IIIa	40S	Thin uniface	1
E18/S84	22		Id/II	40V	Uniface, unanalyzed	1
E18/S84	22B		Id/II	40V2	Thin uniface	1
E20/S72	1		IIIc		Debitage	120
E20/S72	1		IIIc	17A-6	Edge modified flake	1
E20/S72	1		IIIc	17A-5	Edge modified flake	1
E20/S72	1		IIIc	17A-7	Edge modified flake	1
E20/S72	1		IIIc	17A-2	Notched flake	1
E20/S72	1		IIIc	17A-8	Thin uniface fragment	1
E20/S72	1		IIIc	17A-3	Uniface, unanalyzed	1
E20/S72	1		IIIc	17A-1	Unifacial multiple tool	1
E20/S72	2		IIIc		Debitage	169
E20/S72	2		IIIc	17B-2	Edge modified flake	1
E20/S72	2		IIIc	17B-1	Projectile point fragment	1
E20/S72	3		IIIc	17C-6	Biface fragment	1
E20/S72	3		IIIc	17C-7A	Biface Stage 2	1
E20/S72	3		IIIc	17C-8	Biface Stage 2	1
E20/S72	3		IIIc	17C-7B	Biface Stage 3	1
E20/S72	3		IIIc	17C-10	Core fragment	1
E20/S72	3		IIIc		Debitage	341
E20/S72	3		IIIc	17C-17	Edge modified flake	1
E20/S72	3		IIIc	17C-21	Edge modified flake	1
E20/S72	3		IIIc	17C-18	Edge modified flake	1
E20/S72	3		IIIc	17C-16	Edge modified flake	1
E20/S72	3		IIIc	17C-15	Edge modified flake	1
E20/S72	3		IIIc	17C-13	Edge modified flake	1
E20/S72	3		IIIc	17C-19	Edge modified flake	1
E20/S72	3		IIIc	17C-11	Micro-core, intermediate	1
E20/S72	3		IIIc	17C-22	Notched flake	1
E20/S72	3		IIIc	17C-1	Projectile point, Ensor	1
E20/S72	3		IIIc	17C-3	Projectile point, Ensor	1
E20/S72	3		IIIc	17C-2	Projectile point, Ensor	1
E20/S72	3		IIIc	17C-4	Projectile point, Montell	1
E20/S72	3		IIIc	17C-20	Uniface, unanalyzed	1
E20/S72	3		IIIc	17C-12	Unifacial multiple tool	1
E20/S72	3		IIIc	17C-14	Unifacial multiple tool	1
E20/S72	3	Feature 36	IIIc	17C-5	Metate fragment	1
E20/S72	4		IIIc	17D-7	Biface Stage 1	1
E20/S72	4		IIIc	17D-5	Biface Stage 3	1
E20/S72	4		IIIc		Debitage	465
E20/S72	4		IIIc	17D-9	Denticulated flake	1
E20/S72	4		IIIc	17D-8	Edge modified flake	1
E20/S72	4		IIIc	17D-3	Projectile point, Marcos	1
E20/S72	4		IIIc	17D-4	Projectile point, Montell	1
E20/S72	4		IIIc	17D-2	Projectile point, square stem	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S72	4		IIIc	17D-1	Projectile point, square stem	1
E20/S72	4		IIIc	17D-6	Thin uniface fragment	1
E20/S72	5		IIIc	17E-4	Biface Stage 2	1
E20/S72	5		IIIc		Debitage	628
E20/S72	5		IIIc	17E-2	Projectile point, miscellaneous bifurcate	1
E20/S72	5		IIIc	17E-1	Projectile point, miscellaneous expanding stem	1
E20/S72	5		IIIc	17E-3	Projectile point, Pedernales	1
E20/S72	5		IIIc	17E-5	Thin uniface fragment	1
E20/S72	6		IIIc	17F-2	Biface Stage 2	1
E20/S72	6		IIIc	17F-3	Biface Stage 3	1
E20/S72	6		IIIc		Debitage	628
E20/S72	6		IIIc	17F-4	Edge modified flake	1
E20/S72	6		IIIc	17F-5	Edge modified flake	1
E20/S72	6		IIIc	17F-6	Edge modified flake	1
E20/S72	6		IIIc	17F-1	Projectile point, expanding stem B	1
E20/S72	6		IIIc	17F-7	Uniface, unanalyzed	1
E20/S72	7		IIIc		Debitage	565
E20/S72	7		IIIc	17G-2	Edge modified flake	1
E20/S72	7		IIIc	17G-1	Projectile point, Bulverde	1
E20/S72	7		IIIc	17G-3	Uniface, unanalyzed	1
E20/S72	8		IIIb/c	17H-3	Biface Stage 2	1
E20/S72	8		IIIb/c	17H-2	Biface Stage 3	1
E20/S72	8		IIIb/c	17H-4	Burin spall	1
E20/S72	8		IIIb/c		Debitage	441
E20/S72	8		IIIb/c	17H-6	Edge modified flake	1
E20/S72	8		IIIb/c	17H-10	Edge modified flake	1
E20/S72	8		IIIb/c	17H-12	Edge modified flake	1
E20/S72	8		IIIb/c	17H-1	Projectile point, Nolan	1
E20/S72	8		IIIb/c	17H-8	Thin uniface fragment	1
E20/S72	8		IIIb/c	17H-7	Uniface, unanalyzed	1
E20/S72	8		IIIb/c	17H-9	Uniface, unanalyzed	1
E20/S72	8		IIIb/c	17H-5	Unifacial multiple tool	1
E20/S72	9A		IIIb/c		Debitage	233
E20/S72	9A		IIIb/c	17I1-1	Edge modified flake	1
E20/S72	9A		IIIb/c	17I1-2	Edge modified flake	1
E20/S72	9B		IIIb/c	17I2-1	Biface Stage 2	1
E20/S72	9B		IIIb/c		Debitage	228
E20/S72	9B		IIIb/c	17I2-2	Denticulated flake	1
E20/S72	10A		IIIb/c		Debitage	117
E20/S72	10A		IIIb/c	17J1-3	Edge modified flake	1
E20/S72	10A		IIIb/c	17J1-1	Projectile point, rectangular stem C	1
E20/S72	10B		IIIb/c	17J2-2	Biface Stage 2	1
E20/S72	10B		IIIb/c		Debitage	199
E20/S72	10B		IIIb/c	17J2-4	Edge modified flake	1
E20/S72	10B		IIIb/c	17J2-5	Edge modified flake	1
E20/S72	10B		IIIb/c	17J2-1	Projectile point, Martindale A	1
E20/S72	10B		IIIb/c	17J2-3	Thick uniface	1
E20/S72	11A		IIIb/c	17K1-2	Biface Stage 1	1
E20/S72	11A		IIIb/c		Debitage	173
E20/S72	11A		IIIb/c	17K1-6	Edge modified flake	1
E20/S72	11A		IIIb/c	17K1-3	Notched flake	1
E20/S72	11A		IIIb/c	17K1-1	Projectile point, expanding concave D	1
E20/S72	11A		IIIb/c	17K1-4	Thin uniface	1
E20/S72	11A		IIIb/c	17K1-5	Uniface, unanalyzed	1
E20/S72	11A		IIIb/c	17K1-7	Worked hematite	1
E20/S72	11B		IIIb	17K2-8	Biface Stage 2	1
E20/S72	11B		IIIb		Debitage	191
E20/S72	11B		IIIb	17K2-11	Edge modified flake	1
E20/S72	11B		IIIb	17K2-3	Edge modified flake	1
E20/S72	11B		IIIb	17K2-7	Edge modified flake	1
E20/S72	11B		IIIb	17K2-6	Edge modified flake	1
E20/S72	11B		IIIb	17K2-12	Edge modified flake	1
E20/S72	11B		IIIb	17K2-1	Projectile point, bifurcate stem fragment	1
E20/S72	11B		IIIb	17K2-2	Projectile point, expanding concave D	1
E20/S72	11B		IIIb	17K2-9	Uniface, unanalyzed	1
E20/S72	11B		IIIb	17K2-5	Uniface, unanalyzed	1
E20/S72	12		IIIb	17L2-1	Clear Fork biface, proximal (refit)	1
E20/S72	12		IIIb	17L-1	Projectile point, expanding concave B	1
E20/S72	12		IIIb	17L1-2	Projectile point, Martindale B	1
E20/S72	12A		IIIb		Debitage	233
E20/S72	12A		IIIb	17L1-4	Edge modified flake	1
E20/S72	12A		IIIb	17L1-5	Projectile point fragment	1
E20/S72	12A		IIIb	17L1-1	Projectile point, Marcos	1
E20/S72	12A		IIIb	17L1-3	Thin uniface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S72	12B		IIIb	17L2-3	Biface Stage 1	1
E20/S72	12B		IIIb	17L2-2	Bifacial tool Form J	1
E20/S72	12B		IIIb		Debitage	2581
E20/S72	12B		IIIb	17L2-6	Edge modified flake	1
E20/S72	12B		IIIb	17L2-4	Thick uniface	1
E20/S72	12B		IIIb	17L2-5	Thin uniface fragment	1
E20/S72	13A		IIIb		Debitage	260
E20/S72	13A		IIIb	17M1-5	Edge modified flake	1
E20/S72	13A		IIIb	17M1-6	Microspur/microdenticulate	1
E20/S72	13A		IIIb	17M1-2	Notched flake	1
E20/S72	13A		IIIb	17M1-4	Thin uniface	1
E20/S72	13A		IIIb	17M1-3	Unifacial multiple tool	1
E20/S72	13B		IIIb	17M2-3	Biface fragment	1
E20/S72	13B		IIIb	17M2-2	Burin spall	1
E20/S72	13B		IIIb		Debitage	391
E20/S72	13B		IIIb	17M2-1	Edge modified flake	1
E20/S72	14A		IIIb		Debitage	118
E20/S72	14A		IIIb	17N1-1	Edge modified flake	1
E20/S72	14A		IIIb	17N1-2	Unifacial multiple tool	1
E20/S72	14B		IIIa/b	17N2-2	Biface Stage 2	1
E20/S72	14B		IIIa/b		Debitage	215
E20/S72	14B		IIIa/b	17N2-3	Microspur/microdenticulate	1
E20/S72	14B		IIIa/b	17N2-1	Projectile point, Hoxie A	1
E20/S72	15A		IIIa/b	17O1-1	Biface Stage 3	1
E20/S72	15A		IIIa/b	17O1-7	Burin spall	1
E20/S72	15A		IIIa/b		Debitage	158
E20/S72	15A		IIIa/b	17O1-2	Edge modified flake	1
E20/S72	15A		IIIa/b	17O1-4	Edge modified flake	1
E20/S72	15B		IIIa/b	17O2-1	Biface Stage 1	1
E20/S72	15B		IIIa/b		Debitage	167
E20/S72	15B		IIIa/b	17O2-4	Edge modified flake	1
E20/S72	15B		IIIa/b	17O2-3	Unifacial multiple tool	1
E20/S72	16A		IIIa	17P1-3	Biface Stage 2	1
E20/S72	16A		IIIa	17P1-4	Biface Stage 2	1
E20/S72	16A		IIIa	17P1-2	Bifacial tool Form J	1
E20/S72	16A		IIIa		Debitage	267
E20/S72	16A		IIIa	17P1-1	Projectile point fragment	1
E20/S72	16A-B		IIIa	17P1&2-1	Biface Stage 2	1
E20/S72	16A-B		IIIa	17P1&2-2	Biface Stage 2	1
E20/S72	16B		IIIa	17P2-1	Core, thermal	1
E20/S72	16B		IIIa		Debitage	295
E20/S72	16B		IIIa	17P2-5	Denticulated flake	1
E20/S72	16B		IIIa	17P2-3	Edge modified flake	1
E20/S72	16B		IIIa	17P2-2	Edge modified flake	1
E20/S72	16B		IIIa	17P2-7	Edge modified flake	1
E20/S72	16B		IIIa	17P2-6	Microspur/microdenticulate	1
E20/S72	16B		IIIa	17P2-4	Unifacial multiple tool	1
E20/S72	17A		IIIa	17Q1-2	Burin spall	1
E20/S72	17A		IIIa		Debitage	304
E20/S72	17A		IIIa	17Q1-4	Edge modified flake	1
E20/S72	17A		IIIa	17Q1-6	Edge modified flake	1
E20/S72	17A		IIIa	17Q1-9	Edge modified flake	1
E20/S72	17A		IIIa	17Q1-3	Microspur/microdenticulate	1
E20/S72	17A		IIIa	17Q1-1	Projectile point, Angostura	1
E20/S72	17A		IIIa	17Q1-5	Thin uniface fragment	1
E20/S72	17A		IIIa	17Q1-8	Uniface, unanalyzed	1
E20/S72	17A		IIIa	17Q1-7	Unifacial multiple tool	1
E20/S72	17B		IIIa	17Q2-1	Burin spall	1
E20/S72	17B		IIIa		Debitage	141
E20/S72	17B		IIIa	17Q2-2	Thin uniface	1
E20/S72	17B		IIIa	17Q2-3	Thin uniface fragment	1
E20/S72	17B		IIIa	17Q2-4	Uniface, unanalyzed	1
E20/S72	18A		IIIa	17R1-1	Biface Stage 1	1
E20/S72	18A		IIIa	17R1-2	Biface Stage 2	1
E20/S72	18A		IIIa	17R1-3	Biface Stage 2	1
E20/S72	18A		IIIa		Debitage	181
E20/S72	18A		IIIa	17R1-9	Edge modified flake	1
E20/S72	18A		IIIa	17R1-12	Notched flake	1
E20/S72	18A		IIIa	17R1-18	Thin uniface	1
E20/S72	18A		IIIa	17R1-7	Thin uniface	1
E20/S72	18A		IIIa	17R1-16	Thin uniface	1
E20/S72	18A		IIIa	17R1-17	Thin uniface fragment	1
E20/S72	18A		IIIa	17R1-13	Uniface, unanalyzed	1
E20/S72	18A		IIIa	17R1-5	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S72	18A		IIIa	17R1-19	Unifacial multiple tool	1
E20/S72	18A		IIIa	17R1-6	Unifacial multiple tool	1
E20/S72	18B		IIIa	17R2-1	Biface Stage 2	1
E20/S72	18B		IIIa	17R2-3	Clear Fork biface	1
E20/S72	18B		IIIa		Debitage	364
E20/S72	18B		IIIa	17R2-5	Microspur/microdenticulate	1
E20/S72	18B		IIIa	17R2-2	Projectile point fragment	1
E20/S72	18B		IIIa	17R2-4	Thin uniface fragment	1
E20/S72	19A		IIIa	17S1-1	Burin spall	1
E20/S72	19A		IIIa	17S1-3	Chert cobble, chunk	1
E20/S72	19A		IIIa	17S1-2	Core fragment	1
E20/S72	19A		IIIa	17S1-4	Core, thermal	1
E20/S72	19A		IIIa		Debitage	445
E20/S72	19A		IIIa	17S1-7	Microspur/microdenticulate	1
E20/S72	19A		IIIa	17S1-5	Perforator Group 7	1
E20/S72	19A		IIIa	17S1-6	Perforator Group 7	1
E20/S72	19A		IIIa	17S1-10	Thin uniface	1
E20/S72	19A		IIIa	17S1-8	Thin uniface	1
E20/S72	19A		IIIa	17S1-9	Thin uniface fragment	1
E20/S72	19A		IIIa	17S1-11	Worked hematite	1
E20/S72	19B		IIIa	17S2-2	Core tool, type 5	1
E20/S72	19B		IIIa		Debitage	152
E20/S72	19B		IIIa	17S2-3	Edge modified flake	1
E20/S72	19B		IIIa	17S2-4	Edge modified flake	1
E20/S72	20A		II/IIIa	17T1-1	Biface fragment	1
E20/S72	20A		II/IIIa	17T1-2	Bifacial tool Form A	1
E20/S72	20A		II/IIIa	17T1-9	Bifacial tool Form A	1
E20/S72	20A		II/IIIa	17T1-5	Chert cobble, unmodified/tested	1
E20/S72	20A		II/IIIa	17T1-3	Clear Fork biface	1
E20/S72	20A		II/IIIa	17T1-8	Clear Fork biface	1
E20/S72	20A		II/IIIa	17T1-4	Core, thermal	1
E20/S72	20A		II/IIIa		Debitage	219
E20/S72	20A		II/IIIa	17T1-12	Edge modified flake	1
E20/S72	20A		II/IIIa	17T1-7	Perforator Group 2	1
E20/S72	20A		II/IIIa	17T1-6	Small core hammerstone	1
E20/S72	20A		II/IIIa	17T1-10	Thin uniface	1
E20/S72	20A		II/IIIa	17T1-11	Unifacial multiple tool	1
E20/S72	20B		II/IIIa	17T2-2	Burin spall	1
E20/S72	20B		II/IIIa		Debitage	141
E20/S72	20B		II/IIIa	17T2-3	Edge modified flake	1
E20/S72	20B		II/IIIa	17T2-1	Projectile point, miscellaneous lanceolate	1
E20/S72	21A		II	17U1-3	Biface fragment	1
E20/S72	21A		II		Debitage	161
E20/S72	21A		II	17U1-2	Micro-core, large	1
E20/S72	21A		II	17U1-1	Projectile point, miscellaneous lanceolate	1
E20/S72	21A		II	17U1-4	Thin uniface fragment	1
E20/S72	22A		II		Debitage	126
E20/S72	22A		II	17V1-1	Edge modified flake	1
E20/S72	22A		II	17V1-2	Edge modified flake	1
E20/S72	22A		II	17V1-4	Projectile point, St. Mary's Hall-atypic	1
E20/S72	22A		II	17V1-3	Thin uniface	1
E20/S72	22B		II	17V2-2	Biface fragment	1
E20/S72	22B		II	17V2-3	Biface fragment	1
E20/S72	22B		II	17V2-1	Biface fragment	1
E20/S72	22B		II	17V2-4	Burin spall	1
E20/S72	22B		II	17V2-5	Core tool, type 4	1
E20/S72	22B		II		Debitage	103
E20/S72	22B		II	17V2-7	Edge modified flake	1
E20/S72	22B		II	17V2-6	Edge modified flake	1
E20/S72	23A		II		Debitage	80
E20/S72	23B		II		Debitage	60
E20/S72	23B		II	17W2-1	Projectile point fragment	1
E20/S72	23B		II	17W2-2	Projectile point, miscellaneous lanceolate	1
E20/S72	24A		II		Debitage	44
E20/S72	24A		II	17X1-2	Thin uniface	1
E20/S72	24A		II	17X1-3	Unifacial multiple tool	1
E20/S72	24B		II		Debitage	48
E20/S72	25A		Id/II		Debitage	31
E20/S72	25A		Id/II	17Y1-2	Thin uniface	1
E20/S72	25B		Id/II	17Y2-2	Biface Stage 2	1
E20/S72	25B		Id/II		Debitage	37
E20/S72	25B		Id/II	17Y2-3	Thin uniface fragment	1
E20/S72	25B		Id/II	17Y2-1	Waco sinker	1
E20/S72	26A		Isi-c/Id/II	17Z1-2	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S72	26A		Isi-c/IId/II	17Z1-3	Chert cobble, unmodified/tested	1
E20/S72	26A		Isi-c/IId/II		Debitage	61
E20/S72	26A		Isi-c/IId/II	17Z1-4	Unifacial multiple tool	1
E20/S72	26B		Isi-c/IId/II	17Z2-1	Core tool, type 5	1
E20/S72	26B		Isi-c/IId/II		Debitage	50
E20/S72	26B		Isi-c/IId/II	17Z2-2	Edge modified flake	1
E20/S72	26B		Isi-c/IId/II	17Z2-3	Edge modified flake	1
E20/S72	27A		Isi-c/IId/II		Debitage	57
E20/S72	27A		Isi-c/IId/II	17AA1-2	Large core hammerstone	1
E20/S72	27A		Isi-c/IId/II	17AA1-3	Unifacial multiple tool	1
E20/S72	27B		Isi-c/IId/II		Debitage	45
E20/S72	27B		Isi-c/IId/II	17AA2-2	Projectile point, Wilson scraper	1
E20/S72	27B		Isi-c/IId/II	17AA2-1	Thin uniface	1
E20/S72	27B		Isi-c/IId/II	17AA2-3	Thin uniface	1
E20/S72	28A		Isi-c/IId		Debitage	43
E20/S72	28A		Isi-c/IId	17BB1-1	Denticulated flake	1
E20/S72	28A		Isi-c/IId	17BB1-2	Unifacial multiple tool	1
E20/S72	28B		Isi-c		Debitage	38
E20/S72	28B		Isi-c	17BB2-1	Edge modified flake	1
E20/S72	29A		Isi-c		Debitage	31
E20/S72	29B		Isi-c		Debitage	36
E20/S72	29B		Isi-c	17CC2-1	Edge modified flake	1
E20/S72	29B		Isi-c	17CC2-2	Unifacial multiple tool	1
E20/S72	30A		Icl/Isi-c	17DD1-1	Biface fragment	1
E20/S72	30A		Icl/Isi-c		Debitage	17
E20/S72	31		Isi/Icl/Isi-c		Debitage	26
E20/S72	31		Isi/Icl/Isi-c	17EE*-2	Edge modified flake	1
E20/S72	31		Isi/Icl/Isi-c	17EE*-1	Spurred flake	1
E20/S72	31		Isi/Icl/Isi-c	17EE*-3	Unifacial multiple tool	1
E20/S72	34A		Isi/Icl/Isi-c		Debitage	2
E20/S72	34B-35A		Isi/Icl		Debitage	20
E20/S72	35B-36A		Isi/Icl		Debitage	34
E20/S72	36B-37A		Isi/Icl	17JJ2KK1-1	Chert cobble, unmodified/tested	1
E20/S72	36B-37A		Isi/Icl		Debitage	44
E20/S72	36B-37A		Isi/Icl	17JJ2KK1-3	Projectile point, bone bed point	1
E20/S72	36B-37A		Isi/Icl	17JJ2KK1-2	Spurred flake	1
E20/S72	37B-38A		Isi	17KK2LL1-1	Core, thermal	1
E20/S72	37B-38A		Isi		Debitage	51
E20/S72	37B-38A		Isi	17KK2LL1-2	Thin uniface	1
E20/S72	38B-39A		Isi		Debitage	43
E20/S72	39B-40A		Igl/Isi		Debitage	11
E20/S72	40B-41A		Igl/Isi	17NN2OO1-1	Biface Stage 2	1
E20/S72	40B-41A		Igl/Isi		Debitage	2
E20/S72	40B-41A		Igl/Isi	17NN2OO1-2	Edge modified flake	1
E20/S72	41B-42A		Igl		Debitage	1
E20/S72	42B-43A		Igl		Debitage	5
E20/S72	43B-44A		Igl		Debitage	11
E20/S72	44B-45A		Igl		Debitage	2
E20/S72	45B-46A		Igl		Debitage	1
E20/S72	Unknown	Burial 2	Isi/Icl/Isi-c		Debitage	12
E20/S74	1		IIIc	16A-5	Arrow point, preform	1
E20/S74	1		IIIc	16A-9	Arrow point, Scallorn/Edwards	1
E20/S74	1		IIIc	16A-1	Biface fragment	1
E20/S74	1		IIIc	16A-7	Biface Stage 1	1
E20/S74	1		IIIc	16A-3	Core, thermal	1
E20/S74	1		IIIc		Debitage	245
E20/S74	1		IIIc	16A-10	Possible ground stone	1
E20/S74	1		IIIc	16A-6	Projectile point, Darl	1
E20/S74	2		IIIc		Debitage	240
E20/S74	2		IIIc	16B-2	Piece esquillee	1
E20/S74	2		IIIc	16B-1	Projectile point, Ensor	1
E20/S74	3		IIIc	16C-3	Biface fragment	1
E20/S74	3		IIIc	16C-4	Biface Stage 3	1
E20/S74	3		IIIc	16C-10	Burin spall	1
E20/S74	3		IIIc	16C-6	Burin spall	1
E20/S74	3		IIIc		Debitage	430
E20/S74	3		IIIc	16C-11	Edge modified flake	1
E20/S74	3		IIIc	16C-7	Edge modified flake	1
E20/S74	3		IIIc	16C-8	Microspur/microdenticulate	1
E20/S74	3		IIIc	16C-1	Projectile point, Ensor	1
E20/S74	3		IIIc	16C-2	Stone pipe	1
E20/S74	3		IIIc	16C-5	Thin uniface	1
E20/S74	3		IIIc	16C-9	Thin uniface fragment	1
E20/S74	4		IIIc	16D-2	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S74	4		IIIc	16D-1	Burin	1
E20/S74	4		IIIc		Debitage	482
E20/S74	4		IIIc	16D-6	Edge modified flake	1
E20/S74	4		IIIc	16D-5	Edge modified flake	1
E20/S74	4		IIIc	16D-4	Projectile point fragment	1
E20/S74	4		IIIc	16D-7	Spurred flake	1
E20/S74	4		IIIc	16D-3	Thick uniface	1
E20/S74	5		IIIc	16E-5	Biface fragment	1
E20/S74	5		IIIc	16E-6	Biface Stage 3	1
E20/S74	5		IIIc	16E-4	Bifacial tool Form F	1
E20/S74	5		IIIc		Debitage	374
E20/S74	5		IIIc	16E-7	Edge modified flake	1
E20/S74	5		IIIc	16E-1	Projectile point, Bell/Andice	1
E20/S74	5		IIIc	16E-3	Projectile point, Bulverde-like	1
E20/S74	5		IIIc	16E-2	Projectile point, Castroville	1
E20/S74	6		IIIc	16F-2	Biface fragment	1
E20/S74	6		IIIc		Debitage	531
E20/S74	6		IIIc	16F-3	Edge modified flake	1
E20/S74	7		IIIc	16G-5	Biface fragment	1
E20/S74	7		IIIc	16G-3	Biface fragment	1
E20/S74	7		IIIc	16G-6	Biface Stage 2	1
E20/S74	7		IIIc	16G-4	Biface Stage 2	1
E20/S74	7		IIIc	16G-2	Biface Stage 2	1
E20/S74	7		IIIc	16G-7	Clear Fork uniface	1
E20/S74	7		IIIc		Debitage	322
E20/S74	7		IIIc	16G-8	Denticulated flake	1
E20/S74	7		IIIc	16G-9	Edge modified flake	1
E20/S74	7		IIIc	16G-1	Projectile point, Montell	1
E20/S74	8		IIIb/c	16H-9	Biface fragment	1
E20/S74	8		IIIb/c	16H-3	Biface Stage 3	1
E20/S74	8		IIIb/c	16H-5	Biface Stage 3	1
E20/S74	8		IIIb/c	16H-2	Clear Fork biface, proximal	1
E20/S74	8		IIIb/c		Debitage	377
E20/S74	8		IIIb/c	16H-15	Edge modified flake	1
E20/S74	8		IIIb/c	16H-11	Edge modified flake	1
E20/S74	8		IIIb/c	16H-13	Edge modified flake	1
E20/S74	8		IIIb/c	16H-14	Edge modified flake	1
E20/S74	8		IIIb/c	16H-10	Edge modified flake	1
E20/S74	8		IIIb/c	16H-7	Edge modified flake	1
E20/S74	8		IIIb/c	16H-8	Notched flake	1
E20/S74	8		IIIb/c	16H-1	Projectile point, Bell/Andice	1
E20/S74	8		IIIb/c	16H-4	Projectile point, Early Triangular	1
E20/S74	8		IIIb/c	16H-6	Projectile point, expanding concave A	1
E20/S74	8		IIIb/c	16H-12	Uniface, unanalyzed	1
E20/S74	9A		IIIb/c	16I1-6	Biface Stage 3	1
E20/S74	9A		IIIb/c	16I1-2	Bifacial tool Form A	1
E20/S74	9A		IIIb/c	16I1-4	Core, thermal	1
E20/S74	9A		IIIb/c		Debitage	202
E20/S74	9A		IIIb/c	16I1-7	Denticulated flake	1
E20/S74	9A		IIIb/c	16I1-8	Edge modified flake	1
E20/S74	9A		IIIb/c	16I1-1	Projectile point, indeterminate	1
E20/S74	9A		IIIb/c	16I1-9	Thick uniface	1
E20/S74	9B		IIIb/c		Debitage	146
E20/S74	10A		IIIb/c	16J1-4	Biface Stage 2	1
E20/S74	10A		IIIb/c	16J1-2	Bifacial tool	1
E20/S74	10A		IIIb/c	16J1-3	Bifacial tool Form A	1
E20/S74	10A		IIIb/c		Debitage	180
E20/S74	10A		IIIb/c	16J1-1	Projectile point, bifurcate stem fragment	1
E20/S74	10B		IIIb/c	16J2-3	Biface Stage 2	1
E20/S74	10B		IIIb/c	16J2-2	Burin	1
E20/S74	10B		IIIb/c		Debitage	240
E20/S74	10B		IIIb/c	16J2-4	Edge modified flake	1
E20/S74	10B		IIIb/c	16J2-1	Projectile point, Travis	1
E20/S74	11A		IIIb		Debitage	116
E20/S74	11A		IIIb	16K1-8	Microspur/microdenticulate	1
E20/S74	11A		IIIb	16K1-3	Notched flake	1
E20/S74	11A		IIIb	16K1-2	Projectile point fragment	1
E20/S74	11A		IIIb	16K1-7	Uniface, unanalyzed	1
E20/S74	11A		IIIb	16K1-9	Uniface, unanalyzed	1
E20/S74	11A		IIIb	16K1-6	Uniface, unanalyzed	1
E20/S74	11B		IIIb		Debitage	181
E20/S74	11B		IIIb	16K2-3	Edge modified flake	1
E20/S74	11B		IIIb	16K2-7	Edge modified flake	1
E20/S74	11B		IIIb	16K2-5	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S74	11B	Feature 46	IIIb	16K2-2	Projectile point fragment	1
E20/S74	11B		IIIb	16K2-6	Thin uniface fragment	1
E20/S74	11B		IIIb	16K2-10	Uniface, unanalyzed	1
E20/S74	11B		IIIb	16K2-8	Uniface, unanalyzed	1
E20/S74	11B		IIIb	16K2-4	Unifacial multiple tool	1
E20/S74	11B		IIIb	16K2-9	Unifacial multiple tool	1
E20/S74	11B		IIIb	16K2-1	Bifacial tool Form B	1
E20/S74	12A		IIIb	16L1-1	Biface Stage 2	1
E20/S74	12A		IIIb		Debitage	413
E20/S74	12A		IIIb	16L1-10	Denticulated flake	1
E20/S74	12A		IIIb	16L1-3	Edge modified flake	1
E20/S74	12A		IIIb	16L1-4	Edge modified flake	1
E20/S74	12A		IIIb	16L1-5	Notched flake	1
E20/S74	12A		IIIb	16L1-2	Projectile point, miscellaneous expanding stem	1
E20/S74	12A		IIIb	16L1-11	Thin uniface fragment	1
E20/S74	12A		IIIb	16L1-6	Thin uniface fragment	1
E20/S74	12B		IIIb	16L2-1	Biface Stage 2	1
E20/S74	12B		IIIb	16L2-3	Core, thermal	1
E20/S74	12B		IIIb		Debitage	565
E20/S74	12B		IIIb	16L2-6	Edge modified flake	1
E20/S74	12B		IIIb	16L2-5	Edge modified flake	1
E20/S74	12B		IIIb	16L2-8	Edge modified flake	1
E20/S74	12B		IIIb	16L2-9	Edge modified flake	1
E20/S74	12B		IIIb	16L2-7	Edge modified flake	1
E20/S74	12B		IIIb	16L2-2	Small core hammerstone	1
E20/S74	13A		IIIb	16M1-2	Biface fragment	1
E20/S74	13A		IIIb		Debitage	341
E20/S74	13A		IIIb	16M1-4	Edge modified flake	1
E20/S74	13A		IIIb	16M1-3	Edge modified flake	1
E20/S74	13A		IIIb	16M1-1	Projectile point, expanding stem C	1
E20/S74	14A		IIIb	16N1-1	Burin	1
E20/S74	14A		IIIb	16N1-3	Burin spall	1
E20/S74	14A		IIIb		Debitage	139
E20/S74	14A		IIIb	16N1-2	Perforator Group 7	1
E20/S74	14A		IIIb	16N1-4	Thin uniface	1
E20/S74	14B		IIIa/b	16N2-5	Biface Stage 1	1
E20/S74	14B		IIIa/b		Debitage	225
E20/S74	14B		IIIa/b	16N2-6	Edge modified flake	1
E20/S74	14B		IIIa/b	16N2-4	Edge modified flake	1
E20/S74	14B		IIIa/b	16N2-2	Edge modified flake	1
E20/S74	14B		IIIa/b	16N2-1	Projectile point fragment	1
E20/S74	14B		IIIa/b	16N2-3	Unifacial multiple tool	1
E20/S74	15A		IIIa/b	16O1-1	Biface Stage 2	1
E20/S74	15A		IIIa/b		Debitage	211
E20/S74	15A		IIIa/b	16O1-5	Edge modified flake	1
E20/S74	15A		IIIa/b	16O1-6	Notched flake	1
E20/S74	15A		IIIa/b	16O1-3	Projectile point fragment	1
E20/S74	15A		IIIa/b	16O1-8	Uniface, unanalyzed	1
E20/S74	15B		IIIa		Debitage	263
E20/S74	15B		IIIa	16O2-2	Edge modified flake	1
E20/S74	15B		IIIa	16O2-5	Edge modified flake	1
E20/S74	15B		IIIa	16O2-4	Edge modified flake	1
E20/S74	15B		IIIa	16O2-1	Spurred flake	1
E20/S74	15B		IIIa	16O2-3	Uniface, unanalyzed	1
E20/S74	15B		IIIa	16O2-6	Uniface, unanalyzed	1
E20/S74	15B		IIIa	16O2-8	Uniface, unanalyzed	1
E20/S74	16A		IIIa	16P1-4	Biface Stage 1	1
E20/S74	16A		IIIa	16P1-1	Bifacial tool Form A	1
E20/S74	16A		IIIa	16P1-6	Clear Fork biface, proximal	1
E20/S74	16A		IIIa		Debitage	459
E20/S74	16A		IIIa	16P1-3	Edge modified flake	1
E20/S74	16A		IIIa	16P1-5	Unifacial multiple tool	1
E20/S74	16A		IIIa	16P1-2	Unifacial multiple tool	1
E20/S74	16A-B		IIIa		Debitage	1
E20/S74	16A-B		IIIa	16P1&2-1	Thick uniface fragment	1
E20/S74	16A-B		IIIa	16P1&2-2	Thin uniface	1
E20/S74	16A-B		IIIa	16P1&2-3	Unifacial multiple tool	1
E20/S74	16B		IIIa	16P2-7	Biface fragment	1
E20/S74	16B		IIIa	16P2-1	Biface Stage 2	1
E20/S74	16B		IIIa	16P2-2	Burin spall	1
E20/S74	16B		IIIa		Debitage	353
E20/S74	16B		IIIa	16P2-3	Edge modified flake	1
E20/S74	16B		IIIa	16P2-6	Edge modified flake	1
E20/S74	16B		IIIa	16P2-4	Microspur/microdenticulate	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S74	16B		IIIa	16P2-5	Unifacial multiple tool	1
E20/S74	17A		IIIa	16Q1-8	Biface fragment	1
E20/S74	17A		IIIa	16Q1-4	Biface Stage 1	1
E20/S74	17A		IIIa	16Q1-2	Biface Stage 1	1
E20/S74	17A		IIIa	16Q1-1	Biface Stage 2	1
E20/S74	17A		IIIa		Debitage	204
E20/S74	17A		IIIa	16Q1-3	Edge modified flake	1
E20/S74	17A		IIIa	16Q1-6	Edge modified flake	1
E20/S74	17A		IIIa	16Q1-10	Microspur/microdenticulate	1
E20/S74	17A		IIIa	16Q1-7	Spurred flake	1
E20/S74	17A		IIIa	16Q1-9	Thin uniface fragment	1
E20/S74	17A		IIIa	16Q1-5	Uniface, unanalyzed	1
E20/S74	17B		IIIa		Debitage	363
E20/S74	17B		IIIa	16Q2-8	Edge modified flake	1
E20/S74	17B		IIIa	16Q2-5	Edge modified flake	1
E20/S74	17B		IIIa	16Q2-2	Projectile point fragment	1
E20/S74	17B		IIIa	16Q2-1	Projectile point, bifurcate stem fragment	1
E20/S74	17B		IIIa	16Q2-9	Thick uniface	1
E20/S74	17B		IIIa	16Q2-10	Thin uniface	1
E20/S74	17B		IIIa	16Q2-4	Uniface, unanalyzed	1
E20/S74	17B		IIIa	16Q2-7	Unifacial multiple tool	1
E20/S74	18A		IIIa	16R1-2	Burin spall	1
E20/S74	18A		IIIa		Debitage	401
E20/S74	18A		IIIa	16R1-5	Edge modified flake	1
E20/S74	18A		IIIa	16R1-3	Edge modified flake	1
E20/S74	18A		IIIa	16R1-1	Microspur/microdenticulate	1
E20/S74	18A		IIIa	16R1-7	Microspur/microdenticulate	1
E20/S74	18A		IIIa	16R1-6	Microspur/microdenticulate	1
E20/S74	18A		IIIa	16R1-8	Thin uniface	1
E20/S74	18A		IIIa	16R1-4	Unifacial multiple tool	1
E20/S74	18B		IIIa	16R2-4	Biface fragment	1
E20/S74	18B		IIIa	16R2-8	Bifacial tool Form A	1
E20/S74	18B		IIIa	16R2-3	Bifacial tool Form J	1
E20/S74	18B		IIIa	16R2-5	Burin spall	1
E20/S74	18B		IIIa	16R2-6	Clear Fork biface	1
E20/S74	18B		IIIa		Debitage	293
E20/S74	18B		IIIa	16R2-9	Denticulated flake	1
E20/S74	18B		IIIa	16R2-10	Edge modified flake	1
E20/S74	18B		IIIa	16R2-12	Edge modified flake	1
E20/S74	18B		IIIa	16R2-2	Projectile point, Gower/Jetta	1
E20/S74	18B		IIIa	16R2-1	Projectile point, Hoxie	1
E20/S74	18B		IIIa	16R2-11	Unifacial multiple tool	1
E20/S74	18B		IIIa	16R2-13	Unifacial multiple tool	1
E20/S74	19-20		II/IIIa		Debitage	39
E20/S74	19A		IIIa	16S1-3	Biface Stage 2	1
E20/S74	19A		IIIa	16S1-1	Biface Stage 3	1
E20/S74	19A		IIIa		Debitage	178
E20/S74	19A		IIIa	16S1-2	Edge modified flake	1
E20/S74	19A		IIIa	16S1-3a	Spurred flake	1
E20/S74	19A		IIIa	16S1-4	Thick uniface	1
E20/S74	19B		IIIa		Debitage	208
E20/S74	19B		IIIa	16S2-5	Edge modified flake	1
E20/S74	19B		IIIa	16S2-9	Microspur/microdenticulate	1
E20/S74	19B		IIIa	16S2-1	Projectile point, Angostura	1
E20/S74	19B		IIIa	16S2-2	Projectile point, St. Mary's Hall	1
E20/S74	19B		IIIa	16S2-3	Uniface, unanalyzed	1
E20/S74	19B		IIIa	16S2-6	Uniface, unanalyzed	1
E20/S74	19B		IIIa	16S2-4	Uniface, unanalyzed	1
E20/S74	19B		IIIa	16S2-8	Unifacial multiple tool	1
E20/S74	20A		II/IIIa	16T1-3	Biface fragment	1
E20/S74	20A		II/IIIa	16T1-2	Biface fragment	1
E20/S74	20A		II/IIIa	16T1-5	Clear Fork biface	1
E20/S74	20A		II/IIIa		Debitage	55
E20/S74	20A		II/IIIa	16T1-6	Edge modified flake	1
E20/S74	20A		II/IIIa	16T1-1	Projectile point, Angostura	1
E20/S74	20A		II/IIIa	16T1-4	Thick uniface	1
E20/S74	20B		II/IIIa	16T2-2	Biface Stage 2	1
E20/S74	20B		II/IIIa		Debitage	120
E20/S74	20B		II/IIIa	16T2-4	Edge modified flake	1
E20/S74	20B		II/IIIa	16T2-3	Edge modified flake	1
E20/S74	20B		II/IIIa	16T2-1	Microspur/microdenticulate	1
E20/S74	21A		II		Debitage	73
E20/S74	21A		II	16U1-1	Small core hammerstone	1
E20/S74	21A		II	16U1-3	Worked hematite	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S74	21B		II	16U2-1	Bifacial tool Form A	1
E20/S74	21B		II		Debitage	116
E20/S74	22A		II		Debitage	98
E20/S74	22A		II	16V1-2	Edge modified flake	1
E20/S74	22A		II	16V1-3	Edge modified flake	1
E20/S74	22A		II	16V1-1	Unifacial multiple tool	1
E20/S74	22B		II		Debitage	80
E20/S74	22B		II	16V2-1	Thick uniface	1
E20/S74	22B		II	16V2-3	Thin uniface fragment	1
E20/S74	22B		II	16V2-2	Unifacial multiple tool	1
E20/S74	23A		II		Debitage	59
E20/S74	23A		II	16W1-2	Projectile point fragment	1
E20/S74	23B		Id/II	16W2-3	Biface Stage 2	1
E20/S74	23B		Id/II		Debitage	86
E20/S74	24B		Id/II		Debitage	43
E20/S74	25A		Id/II		Debitage	47
E20/S74	25A		Id/II	16Y1-2	Edge modified flake	1
E20/S74	25A		Id/II	16Y1-1	Projectile point, parallel side	1
E20/S74	25B		Isi-c/Id/II		Debitage	55
E20/S74	25B		Isi-c/Id/II	16Y2-1	Possible ground stone	1
E20/S74	26A		Isi-c/Id/II		Debitage	38
E20/S74	26A		Isi-c/Id/II	16Z1-1	Edge modified flake	1
E20/S74	26B		Isi-c/Id		Debitage	45
E20/S74	26B		Isi-c/Id	16Z2-1	Thin uniface fragment	1
E20/S74	27A		Isi-c	16AA1-1	Biface Stage 2	1
E20/S74	27A		Isi-c		Debitage	35
E20/S74	27A		Isi-c	16AA1-2	Thick uniface fragment	1
E20/S74	27B		Isi-c		Debitage	47
E20/S74	27B		Isi-c	16AA2-1	Perforator Group 4	1
E20/S74	28A		Isi-c		Debitage	51
E20/S74	28A		Isi-c	16BB1-1	Projectile point, miscellaneous lanceolate	1
E20/S74	29A		Isi/Icl/Isi-c		Debitage	27
E20/S74	29B		Isi/Icl/Isi-c	16CC2-1	Core fragment	1
E20/S74	29B		Isi/Icl/Isi-c		Debitage	37
E20/S74	30A		Isi/Icl/Isi-c		Debitage	21
E20/S74	30A		Isi/Icl/Isi-c	16DD1-1	Edge modified flake	1
E20/S74	31A	Burial 2	Isi/Icl/Isi-c		Debitage	6
E20/S74	31B	Burial 2	Isi/Icl/Isi-c		Debitage	1
E20/S74	32A		Isi/Icl		Debitage	3
E20/S74	32A	Burial 2	Isi/Icl/Isi-c		Debitage	1
E20/S74	32B		Isi/Icl	16FF2B-1	Biface fragment	1
E20/S74	32B		Isi/Icl	16FF2B-2	Biface fragment	1
E20/S74	32B		Isi/Icl		Debitage	9
E20/S74	33A		Isi/Icl		Debitage	16
E20/S74	33B		Isi/Icl		Debitage	12
E20/S74	34A		Isi/Icl		Debitage	25
E20/S74	34A		Isi/Icl	16HH1B-1	Uniface, unanalyzed	1
E20/S74	34B		Isi/Icl	16HH2B-1	Burin spall	1
E20/S74	34B		Isi/Icl		Debitage	21
E20/S74	34B		Isi/Icl	16HH2D-3	Thick uniface	1
E20/S74	34B		Isi/Icl	16HH2C-2	Uniface, unanalyzed	1
E20/S74	35A		Isi	16II1B-1	Biface Stage 1	1
E20/S74	35A		Isi		Debitage	21
E20/S74	35A		Isi	16II1D-3	Edge modified flake	1
E20/S74	35A		Isi	16II1C-2	Thin uniface	1
E20/S74	35B		Isi		Debitage	26
E20/S74	35B		Isi	16II2B-1	Edge modified flake	1
E20/S74	35B		Isi	16II2C-2	Edge modified flake	1
E20/S74	36A		Isi		Debitage	11
E20/S74	36A		Isi	16JJ1A-1	Edge modified flake	1
E20/S74	36B		Isi		Debitage	4
E20/S74	36B		Isi	16JJ2A-1	Retouched blade	1
E20/S74	37A		Isi		Debitage	2
E20/S74	Unknown	Burial 2	Isi/Icl/Isi-c	FBU2-1	Ground stone tool	1
E20/S76	1		IIIc	15A-3	Biface fragment	1
E20/S76	1		IIIc	15A-2	Biface fragment	1
E20/S76	1		IIIc		Debitage	299
E20/S76	1		IIIc	15A-5	Denticulated flake	1
E20/S76	1		IIIc	15A-9	Edge modified flake	1
E20/S76	1		IIIc	15A-13	Edge modified flake	1
E20/S76	1		IIIc	15A-12	Edge modified flake	1
E20/S76	1		IIIc	15A-4	Edge modified flake	1
E20/S76	1		IIIc	15A-8	Edge modified flake	1
E20/S76	1		IIIc	15A-6	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S76	1		IIIc	15A-7	Edge modified flake	1
E20/S76	1		IIIc	15A-1	Uniface, unanalyzed	1
E20/S76	1		IIIc	15A-10	Uniface, unanalyzed	1
E20/S76	1		IIIc	15A-11	Uniface, unanalyzed	1
E20/S76	2		IIIc	15B-8	Biface Stage 2	1
E20/S76	2		IIIc	15B-3	Biface Stage 2	1
E20/S76	2		IIIc		Debitage	345
E20/S76	2		IIIc	15B-6	Edge modified flake	1
E20/S76	2		IIIc	15B-7	Edge modified flake	1
E20/S76	2		IIIc	15B-1	Edge modified flake	1
E20/S76	2		IIIc	15B-5	Notched flake	1
E20/S76	2		IIIc	15B-4	Projectile point, Ensor	1
E20/S76	3		IIIc	15C-4	Biface fragment	1
E20/S76	3		IIIc	15C-2	Biface fragment	1
E20/S76	3		IIIc	15C-1	Biface fragment	1
E20/S76	3		IIIc	15C-3	Biface Stage 2	1
E20/S76	3		IIIc	15C-7	Core, multidirectional	1
E20/S76	3		IIIc	15C-6	Core, thermal	1
E20/S76	3		IIIc		Debitage	363
E20/S76	3		IIIc	15C-8	Edge modified flake	1
E20/S76	4		IIIc	15D-5	Biface Stage 2	1
E20/S76	4		IIIc	15D-4	Biface Stage 2	1
E20/S76	4		IIIc	15D-1	Biface Stage 3	1
E20/S76	4		IIIc	15D-7	Burin	1
E20/S76	4		IIIc		Debitage	637
E20/S76	4		IIIc	15D-11	Edge modified flake	1
E20/S76	4		IIIc	15D-16	Edge modified flake	1
E20/S76	4		IIIc	15D-8	Edge modified flake	1
E20/S76	4		IIIc	15D-12	Edge modified flake	1
E20/S76	4		IIIc	15D-17	Edge modified flake	1
E20/S76	4		IIIc	15D-2	Projectile point, Bulverde	1
E20/S76	4		IIIc	15D-3	Projectile point, Ensor	1
E20/S76	4		IIIc	15D-9	Spurred flake	1
E20/S76	4		IIIc	15D-6	Uniface, unanalyzed	1
E20/S76	4		IIIc	15D-15	Uniface, unanalyzed	1
E20/S76	4		IIIc	15D-10	Uniface, unanalyzed	1
E20/S76	4		IIIc	15D-18	Unifacial multiple tool	1
E20/S76	5		IIIc	15E-3	Biface fragment	1
E20/S76	5		IIIc	15E-4	Biface Stage 1	1
E20/S76	5		IIIc	15E-6	Biface Stage 3	1
E20/S76	5		IIIc	15E-2	Bifacial tool Form B	1
E20/S76	5		IIIc		Debitage	481
E20/S76	5		IIIc	15E-15	Edge modified flake	1
E20/S76	5		IIIc	15E-10	Edge modified flake	1
E20/S76	5		IIIc	15E-12	Edge modified flake	1
E20/S76	5		IIIc	15E-19	Edge modified flake	1
E20/S76	5		IIIc	15E-16	Edge modified flake	1
E20/S76	5		IIIc	15E-17	Edge modified flake	1
E20/S76	5		IIIc	15E-9	Edge modified flake	1
E20/S76	5		IIIc	15E-20	Edge modified flake	1
E20/S76	5		IIIc	15E-1	Projectile point fragment	1
E20/S76	5		IIIc	15E-7	Projectile point fragment	1
E20/S76	5		IIIc	15E-5	Uniface, unanalyzed	1
E20/S76	5		IIIc	15E-21	Uniface, unanalyzed	1
E20/S76	5		IIIc	15E-18	Unifacial multiple tool	1
E20/S76	6		IIIc	15F-4	Biface fragment	1
E20/S76	6		IIIc	15F-7	Biface Stage 2	1
E20/S76	6		IIIc		Debitage	625
E20/S76	6		IIIc	15F-10	Edge modified flake	1
E20/S76	6		IIIc	15F-6	Projectile point fragment	1
E20/S76	6		IIIc	15F-1	Projectile point, Bell/Andice	1
E20/S76	6		IIIc	15F-2	Projectile point, Bulverde	1
E20/S76	6		IIIc	15F-3	Projectile point, Montell	1
E20/S76	6		IIIc	15F-5	Projectile point, rectangular stem A	1
E20/S76	6		IIIc	15F-8	Uniface, unanalyzed	1
E20/S76	6		IIIc	15F-9	Unifacial multiple tool	1
E20/S76	7		IIIc	15G-9	Biface fragment	1
E20/S76	7		IIIc	15G-10	Biface fragment	1
E20/S76	7		IIIc	15G-12	Biface Stage 2	1
E20/S76	7		IIIc	15G-6	Biface Stage 2	1
E20/S76	7		IIIc	15G-7	Biface Stage 2	1
E20/S76	7		IIIc	15G-5	Biface Stage 2	1
E20/S76	7		IIIc	15G-11	Clear Fork biface	1
E20/S76	7		IIIc		Debitage	536

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S76	7		IIIc	15G-27	Indeterminate ground stone	1
E20/S76	7		IIIc	15G-28	Indeterminate ground stone	1
E20/S76	7		IIIc	15G-3	Projectile point, Bulverde	1
E20/S76	7		IIIc	15G-2	Projectile point, Bulverde	1
E20/S76	7		IIIc	15G-4	Projectile point, Nolan	1
E20/S76	7		IIIc	15G-1	Projectile point, Thrall	1
E20/S76	7		IIIc	15G-8	Thin uniface fragment	1
E20/S76	8		IIIb/c	15H-10	Biface Stage 2	1
E20/S76	8		IIIb/c	15H-4	Biface Stage 3	1
E20/S76	8		IIIb/c		Debitage	395
E20/S76	8		IIIb/c	15H-11	Edge modified flake	1
E20/S76	8		IIIb/c	15H-12	Edge modified flake	1
E20/S76	8		IIIb/c	15H-13	Edge modified flake	1
E20/S76	8		IIIb/c	15H-14	Edge modified flake	1
E20/S76	8		IIIb/c	15H-5	Metate fragment	1
E20/S76	8		IIIb/c	15H-6	Perforator Group 5	1
E20/S76	8		IIIb/c	15H-1	Projectile point fragment	1
E20/S76	8		IIIb/c	15H-2	Projectile point, expanding concave D	1
E20/S76	8		IIIb/c	15H-3	Projectile point, Nolan	1
E20/S76	8		IIIb/c	15H-8	Uniface, unanalyzed	1
E20/S76	8		IIIb/c	15H-9	Unifacial multiple tool	1
E20/S76	9A		IIIb/c	15I1-4	Bifacial tool Form B	1
E20/S76	9A		IIIb/c		Debitage	180
E20/S76	9A		IIIb/c	15I1-9	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-18	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-17	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-16	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-15	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-12	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-8	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-11	Edge modified flake	1
E20/S76	9A		IIIb/c	15I1-13	Microspur/microdenticulate	1
E20/S76	9A		IIIb/c	15I1-5	Projectile point fragment	1
E20/S76	9A		IIIb/c	15I1-2	Projectile point, expanding concave C	1
E20/S76	9A		IIIb/c	15I1-1	Projectile point, Gower/Jetta	1
E20/S76	9A		IIIb/c	15I1-6	Projectile point, square stem	1
E20/S76	9A		IIIb/c	15I1-3	Projectile point, Travis	1
E20/S76	9A		IIIb/c	15I1-7	Spurred flake	1
E20/S76	9B		IIIb/c	15I2-5	Biface Stage 2	1
E20/S76	9B		IIIb/c	15I2-4	Biface Stage 2	1
E20/S76	9B		IIIb/c	15I2-6	Biface Stage 3	1
E20/S76	9B		IIIb/c		Debitage	190
E20/S76	9B		IIIb/c	15I2-8	Projectile point fragment	1
E20/S76	9B		IIIb/c	15I2-3	Projectile point, Bulverde-like	1
E20/S76	9B		IIIb/c	15I2-1	Projectile point, Marcos	1
E20/S76	9B		IIIb/c	15I2-2	Projectile point, Williams	1
E20/S76	10A		IIIb/c	15J1-1	Biface fragment	1
E20/S76	10A		IIIb/c	15J1-5	Biface Stage 1	1
E20/S76	10A		IIIb/c	15J1-2	Biface Stage 2	1
E20/S76	10A		IIIb/c	15J1-7	Burin	1
E20/S76	10A		IIIb/c		Debitage	161
E20/S76	10A		IIIb/c	15J1-3	Edge modified flake	1
E20/S76	10A		IIIb/c	15J1-6	Edge modified flake	1
E20/S76	10A		IIIb/c	15J1-4	Edge modified flake	1
E20/S76	10B		IIIb	15J2-6	Biface fragment	1
E20/S76	10B		IIIb	15J2-5	Bifacial tool Form J	1
E20/S76	10B		IIIb	15J2-9	Burin	1
E20/S76	10B		IIIb	15J2-11	Burin spall	1
E20/S76	10B		IIIb		Debitage	248
E20/S76	10B		IIIb	15J2-13	Edge modified flake	1
E20/S76	10B		IIIb	15J2-12	Edge modified flake	1
E20/S76	10B		IIIb	15J2-7	Projectile point fragment	1
E20/S76	10B		IIIb	15J2-1	Projectile point, Bell/Andice	1
E20/S76	10B		IIIb	15J2-2	Projectile point, Bell/Andice	1
E20/S76	10B		IIIb	15J2-3	Projectile point, Gower	1
E20/S76	10B		IIIb	15J2-4	Projectile point, Nolan	1
E20/S76	10B		IIIb	15J2-14	Thin uniface fragment	1
E20/S76	11A		IIIb	15K1-1	Biface fragment	1
E20/S76	11A		IIIb		Debitage	135
E20/S76	11A		IIIb	15K1-8	Edge modified flake	1
E20/S76	11A		IIIb	15K1-6	Edge modified flake	1
E20/S76	11A		IIIb	15K1-7	Edge modified flake	1
E20/S76	11A		IIIb	15K1-5	Uniface, unanalyzed	1
E20/S76	11B		IIIb	15K2-2	Biface Stage 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S76	11B		IIIb	15K2-3	Core, multidirectional	1
E20/S76	11B		IIIb		Debitage	136
E20/S76	11B		IIIb	15K2-4	Micro-core, small	1
E20/S76	11B		IIIb	15K2-1	Piece esquillee	1
E20/S76	12A		IIIb	15L1-5	Bifacial tool Form E	1
E20/S76	12A		IIIb		Debitage	851
E20/S76	12A		IIIb	15L1-8	Denticulated flake	1
E20/S76	12A		IIIb	15L1-15	Edge modified flake	1
E20/S76	12A		IIIb	15L1-19	Edge modified flake	1
E20/S76	12A		IIIb	15L1-14	Edge modified flake	1
E20/S76	12A		IIIb	15L1-12	Edge modified flake	1
E20/S76	12A		IIIb	15L1-11	Edge modified flake	1
E20/S76	12A		IIIb	15L1-7	Projectile point fragment	1
E20/S76	12A		IIIb	15L1-6	Projectile point fragment	1
E20/S76	12A		IIIb	15L1-1	Projectile point fragment	1
E20/S76	12A		IIIb	15L1-3	Small core hammerstone	1
E20/S76	12A		IIIb	15L1-2	Small core hammerstone	1
E20/S76	12A		IIIb	15L1-9	Uniface, unanalyzed	1
E20/S76	12A		IIIb	15L1-16	Unifacial multiple tool	1
E20/S76	12B		IIIb	15L2-3	Biface Stage 2	1
E20/S76	12B		IIIb		Debitage	710
E20/S76	12B		IIIb	15L2-1	Projectile point, Gower/Jetta	1
E20/S76	12B		IIIb	15L2-2	Projectile point, Martindale A	1
E20/S76	12B		IIIb	15L2-4	Thin uniface	1
E20/S76	12B		IIIb	15L2-5	Thin uniface fragment	1
E20/S76	13A		IIIb	15M1-4	Biface Stage 2	1
E20/S76	13A		IIIb	15M1-2	Biface Stage 2	1
E20/S76	13A		IIIb	15M1-5	Burin spall	1
E20/S76	13A		IIIb		Debitage	338
E20/S76	13A		IIIb	15M1-6	Denticulated flake	1
E20/S76	13A		IIIb	15M1-7	Edge modified flake	1
E20/S76	13A		IIIb	15M1-8	Microspur/microdenticulate	1
E20/S76	13A		IIIb	15M1-3	Projectile point fragment	1
E20/S76	13A		IIIb	15M1-1	Projectile point, Bell/Andice	1
E20/S76	13B		IIIb		Debitage	374
E20/S76	13B		IIIb	15M2-2	Perforator Group 4	1
E20/S76	13B		IIIb	15M2-1	Projectile point fragment	1
E20/S76	14A		IIIa/b		Debitage	293
E20/S76	14A		IIIa/b	15N1-1	Edge modified flake	1
E20/S76	14A		IIIa/b	15N1-3	Edge modified flake	1
E20/S76	14A		IIIa/b	15N1-2	Unifacial multiple tool	1
E20/S76	14B		IIIa/b	15N2-7	Biface fragment	1
E20/S76	14B		IIIa/b		Debitage	356
E20/S76	14B		IIIa/b	15N2-1	Projectile point, Jetta	1
E20/S76	15A		IIIa		Debitage	381
E20/S76	15A		IIIa	15O1-1	Thin uniface	1
E20/S76	15B		IIIa	15O2-2	Biface fragment	1
E20/S76	15B		IIIa		Debitage	444
E20/S76	15B		IIIa	15O2-7	Edge modified flake	1
E20/S76	15B		IIIa	15O2-11	Edge modified flake	1
E20/S76	15B		IIIa	15O2-10	Microspur/microdenticulate	1
E20/S76	15B		IIIa	15O2-3	Projectile point fragment	1
E20/S76	15B		IIIa	15O2-1	Projectile point, Thrall	1
E20/S76	15B		IIIa	15O2-5	Thin uniface	1
E20/S76	15B		IIIa	15O2-6	Thin uniface	1
E20/S76	15B		IIIa	15O2-9	Uniface, unanalyzed	1
E20/S76	15B		IIIa	15O2-8	Unifacial multiple tool	1
E20/S76	16A		IIIa	15P1-1	Biface Stage 2	1
E20/S76	16A		IIIa	15P1-3	Burin spall	1
E20/S76	16A		IIIa		Debitage	459
E20/S76	16A		IIIa	15P1-5	Edge modified flake	1
E20/S76	16A		IIIa	15P1-4	Microspur/microdenticulate	1
E20/S76	16A		IIIa	15P1-6	Thin uniface	1
E20/S76	16B		IIIa		Debitage	296
E20/S76	16B		IIIa	15P2-6	Edge modified flake	1
E20/S76	16B		IIIa	15P2-3	Edge modified flake	1
E20/S76	16B		IIIa	15P2-5	Edge modified flake	1
E20/S76	16B		IIIa	15P2-1	Piece esquillee	1
E20/S76	16B		IIIa	15P2-7	Uniface, unanalyzed	1
E20/S76	17B		IIIa	15Q2-3	Burin spall	1
E20/S76	17B		IIIa	15Q2-4	Burin spall	1
E20/S76	17B		IIIa	15Q2-1	Burin spall	1
E20/S76	17B		IIIa	15Q2-2	Burin spall	1
E20/S76	17B		IIIa	15Q2-12	Clear Fork biface, proximal	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S76	17B		IIIa	15Q2-6	Core tool, type 5	1
E20/S76	17B		IIIa	15Q2-7	Core, multidirectional	1
E20/S76	17B		IIIa		Debitage	531
E20/S76	17B		IIIa	15Q2-5	Edge modified flake	1
E20/S76	17B		IIIa	15Q2-14	Edge modified flake	1
E20/S76	17B		IIIa	15Q2-9	Edge modified flake	1
E20/S76	17B		IIIa	15Q2-8	Microspur/microdenticulate	1
E20/S76	17B		IIIa	15Q2-13	Thin uniface	1
E20/S76	17B		IIIa	15Q2-10	Uniface, unanalyzed	1
E20/S76	17B		IIIa	15Q2-11	Uniface, unanalyzed	1
E20/S76	18A		IIIa	15R1-5	Biface Stage 1	1
E20/S76	18A		IIIa	15R1-2	Biface Stage 2	1
E20/S76	18A		IIIa	15R1-4	Core tool, type 2	1
E20/S76	18A		IIIa	15R1-3	Core, thermal	1
E20/S76	18A		IIIa		Debitage	423
E20/S76	18A		IIIa	15R1-7	Edge modified flake	1
E20/S76	18A		IIIa	15R1-8	Edge modified flake	1
E20/S76	18A		IIIa	15R1-1	Projectile point, miscellaneous lanceolate	1
E20/S76	18A		IIIa	15R1-6	Unifacial multiple tool	1
E20/S76	18B		IIIa	15R2-3	Biface fragment	1
E20/S76	18B		IIIa	15R2-2	Biface fragment	1
E20/S76	18B		IIIa	15R2-4	Burin spall	1
E20/S76	18B		IIIa	15R2-5	Core tool, type 5	1
E20/S76	18B		IIIa		Debitage	430
E20/S76	18B		IIIa	15R2-10	Edge modified flake	1
E20/S76	18B		IIIa	15R2-11	Edge modified flake	1
E20/S76	18B		IIIa	15R2-9	Perforator Group 4	1
E20/S76	18B		IIIa	15R2-8	Perforator Unifacial	1
E20/S76	18B		IIIa	15R2-1	Projectile point, miscellaneous lanceolate	1
E20/S76	18B		IIIa	15R2-6	Thin uniface	1
E20/S76	18B		IIIa	15R2-7	Thin uniface fragment	1
E20/S76	18B		IIIa	15R2-12	Uniface, unanalyzed	1
E20/S76	19A		II/IIIa	15S1-1	Biface Stage 1	1
E20/S76	19A		II/IIIa		Debitage	268
E20/S76	19B		II/IIIa		Debitage	439
E20/S76	19B		II/IIIa	15S2-2	Denticulated flake	1
E20/S76	19B		II/IIIa	15S2-4	Thick uniface	1
E20/S76	19B		II/IIIa	15S2-1	Thin uniface fragment	1
E20/S76	20A		II/IIIa		Debitage	203
E20/S76	20A		II/IIIa	15T1-1	Denticulated flake	1
E20/S76	20A		II/IIIa	15T1-4	Uniface, unanalyzed	1
E20/S76	20B		II		Debitage	52
E20/S76	20B		II	15T2-1	Thin uniface	1
E20/S76	21A		II	15U1-1	Burin spall	1
E20/S76	21A		II		Debitage	99
E20/S76	21B		II		Debitage	116
E20/S76	21B		II	15U2-1	Projectile point, miscellaneous lanceolate	1
E20/S76	22A		II		Debitage	57
E20/S76	22A		II	15V1-1	Projectile point, Wilson	1
E20/S76	22B		Id/II		Debitage	66
E20/S76	22B		Id/II	15V2-1	Projectile point fragment	1
E20/S76	22B		Id/II	15V2-2	Retouched blade	1
E20/S76	23A		Id/II	15W1-1	Core tool, type 5	1
E20/S76	23A		Id/II		Debitage	53
E20/S76	23B		Id/II		Debitage	100
E20/S76	23B		Id/II	15W2-2	Edge modified flake	1
E20/S76	23B		Id/II	15W2-3	Microspur/microdenticulate	1
E20/S76	24A		Id/II	15X1-4	Biface Stage 2	1
E20/S76	24A		Id/II		Debitage	116
E20/S76	24A		Id/II	15X1-5	Edge modified flake	1
E20/S76	24A		Id/II	15X1-1	Projectile point, Golondrina-Barber	1
E20/S76	24A		Id/II	15X1-3	Projectile point, ground square haft	1
E20/S76	24A		Id/II	15X1-2	Thin uniface fragment	1
E20/S76	24B		Id/II		Debitage	62
E20/S76	24B		Id/II	15X2-1	Edge modified flake	1
E20/S76	25A		Isi-c/Id		Debitage	39
E20/S76	25A		Isi-c/Id	15Y1-2	Edge modified flake	1
E20/S76	25A		Isi-c/Id	15Y1-1	Projectile point, Golondrina-Barber	1
E20/S76	25B		Isi-c/Id	15Y2-1	Biface Stage 1	1
E20/S76	25B		Isi-c/Id		Debitage	74
E20/S76	25B		Isi-c/Id	15Y2-2	Edge modified flake	1
E20/S76	26A		Isi-c		Debitage	31
E20/S76	26A		Isi-c	15Z1-2	Edge modified flake	1
E20/S76	26A		Isi-c	15Z1-1	Micro-core, large	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S76	26B	Feature 168	Isi-c	15Z2-1	Biface Stage 1	1
E20/S76	26B		Isi-c		Debitage	48
E20/S76	26B		Isi-c	15Z2-5	Thin uniface	1
E20/S76	26B		Isi-c	15Z2-4	Thin uniface fragment	1
E20/S76	27A		Isi-c	15AA1-1	Core, multidirectional	1
E20/S76	27A		Isi-c		Debitage	37
E20/S76	27A		Isi-c	15AA1-2	Thin uniface	1
E20/S76	27B		Isi-c	15AA2-1	Biface Stage 2	1
E20/S76	27B		Isi-c	15AA2-2	Clear Fork biface	1
E20/S76	27B		Isi-c		Debitage	38
E20/S76	27B		Isi-c	15AA2-3	Thin uniface	1
E20/S76	28A		Isi-c		Debitage	31
E20/S76	28A		Isi-c	15BB1-1	Edge modified flake	1
E20/S76	28B		Isi/Isi-c		Debitage	48
E20/S76	29A		Isi/lcl/Isi-c		Debitage	20
E20/S76	29A		Isi/lcl/Isi-c	15CC1-1	Unifacial multiple tool	1
E20/S76	29B		Isi/lcl/Isi-c		Debitage	24
E20/S76	29B		Isi/lcl/Isi-c	15CC2-1	Edge modified flake	1
E20/S76	30A		Isi/lcl		Debitage	24
E20/S76	30A		Isi/lcl	15DD1-1	Thin uniface	1
E20/S76	30B		Isi/lcl	15DD2-2	Biface fragment	1
E20/S76	32A		Isi/lcl		Debitage	30
E20/S76	32A-35A		Isi/lcl		Debitage	6
E20/S76	32B		Isi		Debitage	14
E20/S76	32B		Isi	15FF2D-1	Edge modified flake	1
E20/S76	33A		Isi		Debitage	13
E20/S76	33B		Isi		Debitage	14
E20/S76	34A		Isi		Debitage	15
E20/S76	34A		Isi	15HH1A-1	Edge modified flake	1
E20/S76	34A		Isi	15HH1D-2	Uniface, unanalyzed	1
E20/S76	34B		Isi		Debitage	3
E20/S76	35A		Isi		Debitage	3
E20/S76	35B		Isi		Debitage	1
E20/S78	1		IIIc	14A-2	Arrow point, tip	1
E20/S78	1		IIIc	14A-4	Biface fragment	1
E20/S78	1		IIIc	14A-3	Biface fragment	1
E20/S78	1		IIIc	14A-20	Biface fragment	1
E20/S78	1		IIIc	14A-7	Core fragment	1
E20/S78	1		IIIc		Debitage	493
E20/S78	1		IIIc	14A-18	Edge modified flake	1
E20/S78	1		IIIc	14A-17	Edge modified flake	1
E20/S78	1		IIIc	14A-13	Edge modified flake	1
E20/S78	1		IIIc	14A-12	Edge modified flake	1
E20/S78	1		IIIc	14A-11	Edge modified flake	1
E20/S78	1		IIIc	14A-21	Edge modified flake	1
E20/S78	1		IIIc	14A-1	Indeterminate ground stone	1
E20/S78	1		IIIc	14A-19	Notched flake	1
E20/S78	1		IIIc	14A-8	Projectile point fragment	1
E20/S78	1		IIIc	14A-16	Thin uniface fragment	1
E20/S78	1		IIIc	14A-9	Uniface, unanalyzed	1
E20/S78	1		IIIc	14A-15	Uniface, unanalyzed	1
E20/S78	1		IIIc	14A-14	Unifacial multiple tool	1
E20/S78	2		IIIc	14B-1	Arrow point, Scallorn/Edwards	1
E20/S78	2		IIIc	14B-3	Biface fragment	1
E20/S78	2		IIIc	14B-5	Biface fragment	1
E20/S78	2		IIIc	14B-6	Biface Stage 2	1
E20/S78	2		IIIc	14B-4	Biface Stage 2	1
E20/S78	2		IIIc		Debitage	267
E20/S78	2		IIIc	14B-7	Edge modified flake	1
E20/S78	2		IIIc	14B-8	Edge modified flake	1
E20/S78	2		IIIc	14B-2	Projectile point fragment	1
E20/S78	3		IIIc	14C-3	Biface Stage 3	1
E20/S78	3		IIIc	14C-2	Biface Stage 3	1
E20/S78	3		IIIc		Debitage	311
E20/S78	3		IIIc	14C-6	Edge modified flake	1
E20/S78	3		IIIc	14C-5	Edge modified flake	1
E20/S78	3		IIIc	14C-4	Notched flake	1
E20/S78	3		IIIc	14C-1	Projectile point, Ensor	1
E20/S78	4		IIIc	14D-9	Biface fragment	1
E20/S78	4		IIIc	14D-5	Biface Stage 2	1
E20/S78	4		IIIc	14D-8	Bifacial tool Form J	1
E20/S78	4		IIIc	14D-6	Burin spall	1
E20/S78	4		IIIc		Debitage	371
E20/S78	4		IIIc	14D-7	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S78	4		IIIc	14D-10	Edge modified flake	1
E20/S78	4		IIIc	14D-11	Edge modified flake	1
E20/S78	4		IIIc	14D-13	Edge modified flake	1
E20/S78	4		IIIc	14D-14	Edge modified flake	1
E20/S78	4		IIIc	14D-12	Edge modified flake	1
E20/S78	4		IIIc	14D-3	Metate fragment	1
E20/S78	4		IIIc	14D-4	Metate fragment	1
E20/S78	4		IIIc	14D-2	Perforator Group 3	1
E20/S78	4		IIIc	14D-1	Projectile point, Williams	1
E20/S78	5		IIIc	14E-3	Biface fragment	1
E20/S78	5		IIIc	14E-14	Biface Stage 1	1
E20/S78	5		IIIc	14E-1	Biface Stage 2	1
E20/S78	5		IIIc	14E-4	Biface Stage 3	1
E20/S78	5		IIIc		Debitage	549
E20/S78	5		IIIc	14E-9	Edge modified flake	1
E20/S78	5		IIIc	14E-6	Edge modified flake	1
E20/S78	5		IIIc	14E-7	Edge modified flake	1
E20/S78	5		IIIc	14E-13	Edge modified flake	1
E20/S78	5		IIIc	14E-12	Edge modified flake	1
E20/S78	5		IIIc	14E-11	Notched flake	1
E20/S78	5		IIIc	14E-5	Projectile point fragment	1
E20/S78	5		IIIc	14E-15	Thin uniface	1
E20/S78	5		IIIc	14E-2	Thin uniface	1
E20/S78	5		IIIc	14E-10	Unifacial multiple tool	1
E20/S78	6		IIIc		Debitage	474
E20/S78	6		IIIc	14F-3	Edge modified flake	1
E20/S78	6		IIIc	14F-6	Edge modified flake	1
E20/S78	6		IIIc	14F-2	Perforator Group 7	1
E20/S78	6		IIIc	14F-1	Perforator Group 7	1
E20/S78	6		IIIc	14F-5	Projectile point fragment	1
E20/S78	6		IIIc	14F-4	Unifacial multiple tool	1
E20/S78	7		IIIb/c	14G-6	Bifacial tool Form H	1
E20/S78	7		IIIb/c		Debitage	247
E20/S78	7		IIIb/c	14G-4	Mano fragment	1
E20/S78	7		IIIb/c	14G-5	Projectile point fragment	1
E20/S78	7		IIIb/c	14G-2	Projectile point, Martindale B	1
E20/S78	7		IIIb/c	14G-3	Projectile point, Nolan	1
E20/S78	7		IIIb/c	14G-1	Projectile point, Uvalde-like	1
E20/S78	8		IIIb/c	14H-4	Biface Stage 2	1
E20/S78	8		IIIb/c	14H-5	Biface Stage 2	1
E20/S78	8		IIIb/c	14H-3	Biface Stage 2	1
E20/S78	8		IIIb/c		Debitage	315
E20/S78	8		IIIb/c	14H-9	Denticulated flake	1
E20/S78	8		IIIb/c	14H-2	Mano fragment	1
E20/S78	8		IIIb/c	14H-8	Perforator Group 7	1
E20/S78	8		IIIb/c	14H-6	Projectile point, Early Triangular	1
E20/S78	8		IIIb/c	14H-7	Projectile point, Nolan-like	1
E20/S78	8		IIIb/c	14H-1	Projectile point, Travis	1
E20/S78	9A		IIIb/c	14I1-1	Biface Stage 3	1
E20/S78	9A		IIIb/c		Debitage	173
E20/S78	9A		IIIb/c	14I1-2	Edge modified flake	1
E20/S78	9B		IIIb/c	14I2-3	Biface fragment	1
E20/S78	9B		IIIb/c		Debitage	206
E20/S78	9B		IIIb/c	14I2-4	Edge modified flake	1
E20/S78	9B		IIIb/c	14I2-1	Thin uniface	1
E20/S78	9B		IIIb/c	14I2-2	Thin uniface fragment	1
E20/S78	9B		IIIb/c	14I2-5	Unifacial multiple tool	1
E20/S78	10A		IIIb	14J1-2	Biface Stage 3	1
E20/S78	10A		IIIb		Debitage	199
E20/S78	10A		IIIb	14J1-1	Projectile point, Martindale B	1
E20/S78	10A		IIIb	14J1-3	Thin uniface	1
E20/S78	10A		IIIb	14J1-4	Unifacial multiple tool	1
E20/S78	10B		IIIb	14J2-1	Biface fragment	1
E20/S78	10B		IIIb	14J2-2	Biface Stage 3	1
E20/S78	10B		IIIb		Debitage	184
E20/S78	10B		IIIb	14J2-4	Edge modified flake	1
E20/S78	10B		IIIb	14J2-5	Edge modified flake	1
E20/S78	10B		IIIb	14J2-3	Unifacial multiple tool	1
E20/S78	11A		IIIb	14K1-2	Biface Stage 2	1
E20/S78	11A		IIIb	14K1-4	Biface Stage 2	1
E20/S78	11A		IIIb	14K1-3	Burin	1
E20/S78	11A		IIIb		Debitage	266
E20/S78	11A		IIIb	14K1-7	Edge modified flake	1
E20/S78	11A		IIIb	14K1-8	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S78	11A		IIIb	14K1-1	Projectile point, Bandy	1
E20/S78	11A		IIIb	14K1-5	Projectile point, square stem	1
E20/S78	11A		IIIb	14K1-6	Unifacial multiple tool	1
E20/S78	11B		IIIb	14K2-1	Biface Stage 2	1
E20/S78	11B		IIIb	14K2-5	Biface Stage 2	1
E20/S78	11B		IIIb	14K2-13	Core tool, type 1	1
E20/S78	11B		IIIb		Debitage	370
E20/S78	11B		IIIb	14K2-7	Edge modified flake	1
E20/S78	11B		IIIb	14K2-10	Edge modified flake	1
E20/S78	11B		IIIb	14K2-12	Edge modified flake	1
E20/S78	11B		IIIb	14K2-6	Edge modified flake	1
E20/S78	11B		IIIb	14K2-8	Edge modified flake	1
E20/S78	11B		IIIb	14K2-4	Edge modified flake	1
E20/S78	11B		IIIb	14K2-3	Edge modified flake	1
E20/S78	11B		IIIb	14K2-2	Piece esquillee	1
E20/S78	11B		IIIb	14K2-14	Possible ground stone	1
E20/S78	11B		IIIb	14K2-11	Projectile point fragment	1
E20/S78	11B		IIIb	14K2-9	Uniface, unanalyzed	1
E20/S78	12		IIIb	14L-1	Metate fragment	1
E20/S78	12A		IIIb	14L1-2	Biface Stage 2	1
E20/S78	12A		IIIb	14L1-5	Biface Stage 2	1
E20/S78	12A		IIIb	14L1-4	Biface Stage 2	1
E20/S78	12A		IIIb	14L1-20	Burin	1
E20/S78	12A		IIIb	14L1-6	Core, multidirectional	1
E20/S78	12A		IIIb		Debitage	617
E20/S78	12A		IIIb	14L1-18	Edge modified flake	1
E20/S78	12A		IIIb	14L1-10	Edge modified flake	1
E20/S78	12A		IIIb	14L1-17	Edge modified flake	1
E20/S78	12A		IIIb	14L1-14	Edge modified flake	1
E20/S78	12A		IIIb	14L1-12	Edge modified flake	1
E20/S78	12A		IIIb	14L1-3	Edge modified flake	1
E20/S78	12A		IIIb	14L1-16	Edge modified flake	1
E20/S78	12A		IIIb	14L1-8	Microspur/microdenticulate	1
E20/S78	12A		IIIb	14L1-7	Perforator Group 7	1
E20/S78	12A		IIIb	14L1-1	Projectile point, Gower/Uvalde	1
E20/S78	12A		IIIb	14L1-13	Spurred flake	1
E20/S78	12A		IIIb	14L1-19	Thin uniface	1
E20/S78	12A		IIIb	14L1-15	Uniface, unanalyzed	1
E20/S78	12A	Feature 50	IIIb	14L1-21	Biface Stage 2	1
E20/S78	12A	Feature 50	IIIb	14L1-22	Burin spall	1
E20/S78	12A	Feature 50	IIIb		Debitage	69
E20/S78	12A-B	Feature 50	IIIb		Debitage	72
E20/S78	12B		IIIb	14L2-5	Burin	1
E20/S78	12B		IIIb	14L2-6	Burin spall	1
E20/S78	12B		IIIb		Debitage	621
E20/S78	12B		IIIb	14L2-3	Edge modified flake	1
E20/S78	12B		IIIb	14L2-9	Edge modified flake	1
E20/S78	12B		IIIb	14L2-10	Edge modified flake	1
E20/S78	12B		IIIb	14L2-7	Edge modified flake	1
E20/S78	12B		IIIb	14L2-8	Microspur/microdenticulate	1
E20/S78	12B		IIIb	14L2-4	Projectile point fragment	1
E20/S78	12B		IIIb	14L2-1	Projectile point, Gower	1
E20/S78	12B		IIIb	14L2-2	Uniface, unanalyzed	1
E20/S78	12B		IIIb	14L2-11	Unifacial multiple tool	1
E20/S78	12B	Feature 50	IIIb	14L2-13	Biface fragment	1
E20/S78	12B	Feature 50	IIIb	14L2-12	Biface Stage 3	1
E20/S78	12B	Feature 50	IIIb		Debitage	17
E20/S78	12B	Feature 50	IIIb	14L2-15	Uniface, unanalyzed	1
E20/S78	13A		IIIb	14M1-1	Biface fragment	1
E20/S78	13A		IIIb	14M1-2	Burin spall	1
E20/S78	13A		IIIb		Debitage	238
E20/S78	13A		IIIb	14M1-4	Edge modified flake	1
E20/S78	13A		IIIb	14M1-6	Edge modified flake	1
E20/S78	13A		IIIb	14M1-7	Projectile point, Gower/Jetta	1
E20/S78	13A		IIIb	14M1-5	Thin uniface	1
E20/S78	13B		IIIa/b	14M2-7	Biface fragment	1
E20/S78	13B		IIIa/b	14M2-3	Burin spall	1
E20/S78	13B		IIIa/b		Debitage	231
E20/S78	13B		IIIa/b	14M2-10	Denticulated flake	1
E20/S78	13B		IIIa/b	14M2-11	Edge modified flake	1
E20/S78	13B		IIIa/b	14M2-1	Projectile point fragment	1
E20/S78	13B		IIIa/b	14M2-2	Projectile point, Angostura	1
E20/S78	13B		IIIa/b	14M2-5	Unifacial multiple tool	1
E20/S78	14A		IIIa/b	14N1-2	Bifacial tool Form E	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S78	14A		IIIa/b		Debitage	388
E20/S78	14A		IIIa/b	14N1-6	Edge modified flake	1
E20/S78	14A		IIIa/b	14N1-5	Edge modified flake	1
E20/S78	14A		IIIa/b	14N1-3	Edge modified flake	1
E20/S78	14A		IIIa/b	14N1-1	Projectile point, expanding concave B	1
E20/S78	14A		IIIa/b	14N1-4	Uniface, unanalyzed	1
E20/S78	14B		IIIa		Debitage	341
E20/S78	14B		IIIa	14N2-3	Edge modified flake	1
E20/S78	14B		IIIa	14N2-4	Edge modified flake	1
E20/S78	14B		IIIa	14N2-2	Edge modified flake	1
E20/S78	14B		IIIa	14N2-1	Unifacial multiple tool	1
E20/S78	15A		IIIa	14O1-2	Biface Stage 3	1
E20/S78	15A		IIIa		Debitage	342
E20/S78	15A		IIIa	14O1-3	Edge modified flake	1
E20/S78	15A		IIIa	14O1-1	Projectile point fragment	1
E20/S78	15B		IIIa	14O2-1	Biface Stage 2	1
E20/S78	15B		IIIa	14O2-2	Biface Stage 2	1
E20/S78	15B		IIIa		Debitage	406
E20/S78	15B		IIIa	14O2-3	Edge modified flake	1
E20/S78	15B		IIIa	14O2-4	Edge modified flake	1
E20/S78	15B		IIIa	14O2-5	Edge modified flake	1
E20/S78	15B		IIIa	14O2-6	Uniface, unanalyzed	1
E20/S78	16A		IIIa	14P1-2	Biface Stage 2	1
E20/S78	16A		IIIa		Debitage	451
E20/S78	16A		IIIa	14P1-7	Edge modified flake	1
E20/S78	16A		IIIa	14P1-6	Edge modified flake	1
E20/S78	16A		IIIa	14P1-5	Edge modified flake	1
E20/S78	16A		IIIa	14P1-9	Edge modified flake	1
E20/S78	16A		IIIa	14P1-1	Perforator Group 3	1
E20/S78	16A		IIIa	14P1-10	Perforator Group 7	1
E20/S78	16A		IIIa	14P1-11	Perforator Group 7	1
E20/S78	16A		IIIa	14P1-3	Perforator Group 7	1
E20/S78	16A		IIIa	14P1-8	Unifacial multiple tool	1
E20/S78	16B		IIIa	14P2-1	Biface fragment	1
E20/S78	16B		IIIa	14P2-4	Biface fragment	1
E20/S78	16B		IIIa		Debitage	273
E20/S78	16B		IIIa	14P2-5	Edge modified flake	1
E20/S78	16B		IIIa	14P2-6	Microspur/microdenticulate	1
E20/S78	16B		IIIa	14P2-2	Projectile point fragment	1
E20/S78	17A		IIIa	14Q1-4	Biface Stage 2	1
E20/S78	17A		IIIa	14Q1-1	Core fragment	1
E20/S78	17A		IIIa		Debitage	143
E20/S78	17A		IIIa	14Q1-2	Edge modified flake	1
E20/S78	17A		IIIa	14Q1-3	Perforator Unifacial	1
E20/S78	17B		IIIa	14Q2-2	Biface fragment	1
E20/S78	17B		IIIa	14Q2-1	Biface Stage 2	1
E20/S78	17B		IIIa	14Q2-3	Core fragment	1
E20/S78	17B		IIIa		Debitage	503
E20/S78	17B		IIIa	14Q2-9	Edge modified flake	1
E20/S78	17B		IIIa	14Q2-7	Edge modified flake	1
E20/S78	17B		IIIa	14Q2-10	Edge modified flake	1
E20/S78	17B		IIIa	14Q2-8	Notched flake	1
E20/S78	17B		IIIa	14Q2-4	Perforator Group 7	1
E20/S78	17B		IIIa	14&15Q2-11	Projectile point, miscellaneous lanceolate	1
E20/S78	17B		IIIa	14Q2-5	Thin uniface	1
E20/S78	17B		IIIa	14Q2-6	Thin uniface	1
E20/S78	18A		II/IIIa		Debitage	502
E20/S78	18A		II/IIIa	14R1-1	Notched flake	1
E20/S78	18A		II/IIIa	14R1-2	Thin uniface	1
E20/S78	18B		II/IIIa	14R2-1	Biface Stage 3	1
E20/S78	18B		II/IIIa	14R2-4	Chert cobble, unmodified/tested	1
E20/S78	18B		II/IIIa		Debitage	216
E20/S78	18B		II/IIIa	14R2-3	Edge modified flake	1
E20/S78	19A		II/IIIa	14S1-2	Biface Stage 1	1
E20/S78	19A		II/IIIa	14S1-4	Biface Stage 1	1
E20/S78	19A		II/IIIa		Debitage	212
E20/S78	19A		II/IIIa	14S1-1	Denticulated flake	1
E20/S78	19A		II/IIIa	14S1-3	Edge modified flake	1
E20/S78	19A		II/IIIa	14S1-5	Spurred flake	1
E20/S78	19B		II/IIIa	14S2-1	Burin spall	1
E20/S78	19B		II/IIIa		Debitage	18
E20/S78	20A		II	14T1-4	Burin spall	1
E20/S78	20A		II		Debitage	170
E20/S78	20A		II	14T1-1	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S78	20A		II	14T1-3	Thick uniface	1
E20/S78	20A		II	14T1-2	Unifacial multiple tool	1
E20/S78	20B		II	14T2-2	Biface Stage 2	1
E20/S78	20B		II		Debitage	168
E20/S78	20B		II	14T2-3	Edge modified flake	1
E20/S78	20B		II	14T2-1	Edge modified flake	1
E20/S78	21A		II		Debitage	36
E20/S78	21B		Id/II	14U2-2	Burin spall	1
E20/S78	21B		Id/II	14U2-4	Burin spall	1
E20/S78	21B		Id/II		Debitage	148
E20/S78	21B		Id/II	14U2-1	Edge modified flake	1
E20/S78	21B		Id/II	14U2-5	Perforator Group 7	1
E20/S78	21B		Id/II	14U2-7	Thin uniface	1
E20/S78	22A		Id/II	14V1-4	Burin spall	1
E20/S78	22A		Id/II	14V1-1	Burin spall	1
E20/S78	22A		Id/II		Debitage	122
E20/S78	22A		Id/II	14V1-3	Uniface, unanalyzed	1
E20/S78	22A		Id/II	14V1-2	Unifacial multiple tool	1
E20/S78	22B		Id/II	14V2-1	Core, thermal	1
E20/S78	22B		Id/II		Debitage	98
E20/S78	22B		Id/II	14V2-2	Denticulated flake	1
E20/S78	23A		Id/II		Debitage	75
E20/S78	23A		Id/II	14W1-3	Edge modified flake	1
E20/S78	23B		Id/II	14W2-2	Bifacial tool Form A	1
E20/S78	23B		Id/II	14W2-1	Clear Fork biface	1
E20/S78	23B		Id/II		Debitage	89
E20/S78	23B		Id/II	14W2-4	Notched flake	1
E20/S78	23B		Id/II	14W2-3	Projectile point fragment	1
E20/S78	23B		Id/II	14W2-5	Thin uniface	1
E20/S78	24A		Isi-c/Id		Debitage	27
E20/S78	24B		Isi-c/Id		Debitage	56
E20/S78	24B		Isi-c/Id	14X2-1	Thin uniface	1
E20/S78	25A		Isi-c/Id		Debitage	61
E20/S78	25A		Isi-c/Id	14Y1-2	Thick uniface	1
E20/S78	25A		Isi-c/Id	14Y1-1	Thin uniface	1
E20/S78	25B		Isi-c/Id		Debitage	52
E20/S78	25B		Isi-c/Id	14Y2-2	Edge modified flake	1
E20/S78	25B		Isi-c/Id	14Y2-1	Edge modified flake	1
E20/S78	25B		Isi-c/Id	14Y2-3	Unifacial multiple tool	1
E20/S78	26A		Isi-c		Debitage	43
E20/S78	26B		Isi-c		Debitage	37
E20/S78	27A		Isi-c		Debitage	47
E20/S78	29A-B		Isi/Isi-c		Debitage	22
E20/S78	29B		Isi/Isi-c		Debitage	19
E20/S78	30-34A	Feature 169	Isi/Isi-c		Debitage	6
E20/S78	30A		Isi/Isi-c		Debitage	27
E20/S78	30A		Isi/Isi-c	14DD1A-1	Edge modified flake	1
E20/S78	30B		Isi/Isi-c		Debitage	36
E20/S78	31A		Isi/Isi-c		Debitage	28
E20/S78	31B		Isi	14EE2B-1	Core fragment	1
E20/S78	31B		Isi		Debitage	27
E20/S78	31B		Isi	14EE2B-2	Retouched blade	1
E20/S78	32A		Isi		Debitage	13
E20/S78	32A		Isi	14FF1B-1	Thin uniface	1
E20/S78	32B		Isi		Debitage	10
E20/S78	32B		Isi	14FF2B-1	Edge modified flake	1
E20/S78	33A		Isi		Debitage	1
E20/S78	34A		Isi		Debitage	5
E20/S78	35B		Isi		Debitage	1
E20/S78	36A		Isi		Debitage	1
E20/S78	36B		Isi		Debitage	1
E20/S80	1		IIIc	13A-3	Arrow point, preform	1
E20/S80	1		IIIc	13A-9	Biface Stage 2	1
E20/S80	1		IIIc		Debitage	266
E20/S80	1		IIIc	13A-15	Edge modified flake	1
E20/S80	1		IIIc	13A-17	Edge modified flake	1
E20/S80	1		IIIc	13A-18	Edge modified flake	1
E20/S80	1		IIIc	13A-16	Edge modified flake	1
E20/S80	1		IIIc	13A-14	Notched flake	1
E20/S80	1		IIIc	13A-11	Projectile point fragment	1
E20/S80	1		IIIc	13A-7	Projectile point fragment	1
E20/S80	1		IIIc	13A-8	Projectile point fragment	1
E20/S80	1		IIIc	13A-1	Projectile point, Edgewood	1
E20/S80	1		IIIc	13A-2	Projectile point, Ensor	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S80	1		IIIc	13A-5	Projectile point, indeterminate	1
E20/S80	1		IIIc	13A-4	Small core hammerstone	1
E20/S80	1		IIIc	13A-13	Unifacial multiple tool	1
E20/S80	2		IIIc	13B-1	Biface Stage 2	1
E20/S80	2		IIIc		Debitage	125
E20/S80	2		IIIc	13B-2	Projectile point fragment	1
E20/S80	3		IIIc	13C-3	Biface fragment	1
E20/S80	3		IIIc	13C-1	Biface Stage 3	1
E20/S80	3		IIIc	13C-2	Burin	1
E20/S80	3		IIIc	13C-4	Burin spall	1
E20/S80	3		IIIc		Debitage	156
E20/S80	3		IIIc	13C-8	Edge modified flake	1
E20/S80	3		IIIc	13C-7	Edge modified flake	1
E20/S80	3		IIIc	13C-6	Edge modified flake	1
E20/S80	3		IIIc	13C-5	Edge modified flake	1
E20/S80	3		IIIc	13C-14	Edge modified flake	1
E20/S80	3		IIIc	13C-11	Edge modified flake	1
E20/S80	3		IIIc	13C-10	Edge modified flake	1
E20/S80	3		IIIc	13C-12	Thin uniface	1
E20/S80	4		IIIc	13D-6	Biface Stage 2	1
E20/S80	4		IIIc	13D-4	Biface Stage 2	1
E20/S80	4		IIIc	13D-5	Bifacial tool Form A	1
E20/S80	4		IIIc	13D-3	Clear Fork biface, proximal	1
E20/S80	4		IIIc	13D-7	Core tool, type 4	1
E20/S80	4		IIIc		Debitage	425
E20/S80	4		IIIc	13D-8	Large core hammerstone	1
E20/S80	4		IIIc	13D-1	Projectile point, Ensor	1
E20/S80	4		IIIc	13D-2	Projectile point, Hoxie	1
E20/S80	4		IIIc	13D-9	Unifacial multiple tool	1
E20/S80	5		IIIc	13E-2	Biface fragment	1
E20/S80	5		IIIc	13E-5	Biface Stage 3	1
E20/S80	5		IIIc	13E-4	Biface Stage 3	1
E20/S80	5		IIIc		Debitage	116
E20/S80	5		IIIc	13E-19	Edge modified flake	1
E20/S80	5		IIIc	13E-8	Edge modified flake	1
E20/S80	5		IIIc	13E-11	Edge modified flake	1
E20/S80	5		IIIc	13E-6	Edge modified flake	1
E20/S80	5		IIIc	13E-10	Edge modified flake	1
E20/S80	5		IIIc	13E-16	Edge modified flake	1
E20/S80	5		IIIc	13E-15	Edge modified flake	1
E20/S80	5		IIIc	13E-14	Edge modified flake	1
E20/S80	5		IIIc	13E-12	Edge modified flake	1
E20/S80	5		IIIc	13E-7	Edge modified flake	1
E20/S80	5		IIIc	13E-18	Edge modified flake	1
E20/S80	5		IIIc	13E-3	Projectile point fragment	1
E20/S80	5		IIIc	13E-1	Projectile point, beveled narrow stemmed	1
E20/S80	6		IIIc	13F-2	Biface Stage 2	1
E20/S80	6		IIIc		Debitage	235
E20/S80	6		IIIc	13F-8	Edge modified flake	1
E20/S80	6		IIIc	13F-10	Edge modified flake	1
E20/S80	6		IIIc	13F-6	Edge modified flake	1
E20/S80	6		IIIc	13F-9	Edge modified flake	1
E20/S80	6		IIIc	13F-12	Edge modified flake	1
E20/S80	6		IIIc	13F-5	Edge modified flake	1
E20/S80	6		IIIc	13F-1	Projectile point, Bulverde-like	1
E20/S80	6		IIIc	13F-4	Projectile point, Castroville	1
E20/S80	6		IIIc	13F-3	Projectile point, miscellaneous bifurcate	1
E20/S80	6		IIIc	13F-7	Unifacial multiple tool	1
E20/S80	7		IIIb/c	13G-2	Biface fragment	1
E20/S80	7		IIIb/c	13G-3	Biface Stage 2	1
E20/S80	7		IIIb/c		Debitage	170
E20/S80	7		IIIb/c	13G-6	Edge modified flake	1
E20/S80	7		IIIb/c	13G-7	Edge modified flake	1
E20/S80	7		IIIb/c	13G-8	Edge modified flake	1
E20/S80	7		IIIb/c	13G-4	Micro-core, intermediate	1
E20/S80	7		IIIb/c	13G-1	Projectile point, Bulverde	1
E20/S80	7		IIIb/c	13G-5	Projectile point, Pedernales	1
E20/S80	7		IIIb/c	13G-10	Unifacial multiple tool	1
E20/S80	8		IIIb/c	13H-5	Biface Stage 3	1
E20/S80	8		IIIb/c	13H-1	Bifacial tool Form A	1
E20/S80	8		IIIb/c	13H-2	Burin	1
E20/S80	8		IIIb/c		Debitage	153
E20/S80	8		IIIb/c	13H-4	Projectile point fragment	1
E20/S80	8		IIIb/c	13H-3	Projectile point, Wells	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S80	9		IIIb/c	13I-2	Biface Stage 1	1
E20/S80	9		IIIb/c	13I-3	Biface Stage 2	1
E20/S80	9		IIIb/c		Debitage	188
E20/S80	9		IIIb/c	13I-8	Edge modified flake	1
E20/S80	9		IIIb/c	13I-10	Edge modified flake	1
E20/S80	9		IIIb/c	13I-9	Edge modified flake	1
E20/S80	9		IIIb/c	13I-12	Edge modified flake	1
E20/S80	9		IIIb/c	13I-13	Edge modified flake	1
E20/S80	9		IIIb/c	13I-4	Projectile point, Nolan	1
E20/S80	9		IIIb/c	13I-1	Projectile point, Nolan	1
E20/S80	9		IIIb/c	13I-6	Retouched blade	1
E20/S80	9		IIIb/c	13I-11	Uniface, unanalyzed	1
E20/S80	9		IIIb/c	13I-5	Unifacial multiple tool	1
E20/S80	10		IIIb	13J-15	Biface fragment	1
E20/S80	10		IIIb	13J-24	Biface fragment	1
E20/S80	10		IIIb	13J-5	Biface Stage 2	1
E20/S80	10		IIIb	13J-3	Biface Stage 2	1
E20/S80	10		IIIb	13J-4	Biface Stage 3	1
E20/S80	10		IIIb	13J-11	Burin spall	1
E20/S80	10		IIIb	13J-8	Core tool, type 1	1
E20/S80	10		IIIb		Debitage	417
E20/S80	10		IIIb	13J-21	Edge modified flake	1
E20/S80	10		IIIb	13J-16	Edge modified flake	1
E20/S80	10		IIIb	13J-14	Edge modified flake	1
E20/S80	10		IIIb	13J-20	Edge modified flake	1
E20/S80	10		IIIb	13J-19	Microspur/microdenticulate	1
E20/S80	10		IIIb	13J-23	Notched flake	1
E20/S80	10		IIIb	13J-29	Perforator Group 3	1
E20/S80	10		IIIb	13J-6	Perforator Group 7	1
E20/S80	10		IIIb	13J-7	Projectile point fragment	1
E20/S80	10		IIIb	13J-1	Projectile point, Jetta	1
E20/S80	10		IIIb	13J-2	Projectile point, Martindale A	1
E20/S80	10		IIIb	13J-17	Spurred flake	1
E20/S80	10		IIIb	13J-26	Thick uniface fragment	1
E20/S80	10		IIIb	13J-13	Thin uniface	1
E20/S80	10		IIIb	13J-22	Thin uniface	1
E20/S80	10		IIIb	13J-28	Thin uniface	1
E20/S80	10		IIIb	13J-9	Thin uniface fragment	1
E20/S80	10		IIIb	13J-27	Thin uniface fragment	1
E20/S80	10		IIIb	13J-25	Uniface, unanalyzed	1
E20/S80	10		IIIb	13J-10	Unifacial multiple tool	1
E20/S80	10		IIIb	13J-18	Unifacial multiple tool	1
E20/S80	11		IIIb	13K-8	Biface Stage 1	1
E20/S80	11		IIIb	13K-9	Biface Stage 2	1
E20/S80	11		IIIb	13K-5	Biface Stage 2	1
E20/S80	11		IIIb	13K-10	Bifacial tool	1
E20/S80	11		IIIb	13K-4	Bifacial tool Form A	1
E20/S80	11		IIIb	13K-11	Bifacial tool Form B	1
E20/S80	11		IIIb	13K-2	Core, thermal	1
E20/S80	11		IIIb		Debitage	502
E20/S80	11		IIIb	13K-19	Edge modified flake	1
E20/S80	11		IIIb	13K-16	Edge modified flake	1
E20/S80	11		IIIb	13K-14	Edge modified flake	1
E20/S80	11		IIIb	13K-25	Edge modified flake	1
E20/S80	11		IIIb	13K-27	Edge modified flake	1
E20/S80	11		IIIb	13K-20	Edge modified flake	1
E20/S80	11		IIIb	13K-24	Edge modified flake	1
E20/S80	11		IIIb	13K-12	Projectile point fragment	1
E20/S80	11		IIIb	13K-13	Projectile point fragment	1
E20/S80	11		IIIb	13K-28	Projectile point fragment	1
E20/S80	11		IIIb	13K-1	Projectile point, Bell/Andice	1
E20/S80	11		IIIb	13K-7	Thin uniface	1
E20/S80	11		IIIb	13K-26	Thin uniface fragment	1
E20/S80	11		IIIb	13K-18	Uniface, unanalyzed	1
E20/S80	11		IIIb	13K-15	Unifacial multiple tool	1
E20/S80	11		IIIb	13K-23	Unifacial multiple tool	1
E20/S80	12		IIIb	13L-1	Biface Stage 2	1
E20/S80	12		IIIb	13L-2	Biface Stage 2	1
E20/S80	12		IIIb	13L-3	Biface Stage 3	1
E20/S80	12		IIIb	13L-4	Clear Fork biface	1
E20/S80	12		IIIb		Debitage	356
E20/S80	12		IIIb	13L-8	Edge modified flake	1
E20/S80	12		IIIb	13L-5	Edge modified flake	1
E20/S80	12		IIIb	13L-10	Microspur/microdenticulate	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S80	12		IIIb	13L-11	Microspur/microdenticulate	1
E20/S80	12		IIIb	13L-7	Notched flake	1
E20/S80	12		IIIb	13L-9	Notched flake	1
E20/S80	12		IIIb	13L-6	Spurred flake	1
E20/S80	12		IIIb	13L-12	Unifacial multiple tool	1
E20/S80	13		IIIb	13M-7	Bifacial tool Form C	1
E20/S80	13		IIIb	13M-13	Burin	1
E20/S80	13		IIIb	13M-6	Burin spall	1
E20/S80	13		IIIb	13M-3	Chert cobble, chunk	1
E20/S80	13		IIIb	13M-2	Core fragment	1
E20/S80	13		IIIb	13M-1	Core tool, type 3	1
E20/S80	13		IIIb		Debitage	304
E20/S80	13		IIIb	13M-10	Edge modified flake	1
E20/S80	13		IIIb	13M-5	Projectile point fragment	1
E20/S80	13		IIIb	13M-4	Projectile point, bifurcate stem fragment	1
E20/S80	13		IIIb	13M-12	Thin uniface	1
E20/S80	13		IIIb	13M-15	Thin uniface	1
E20/S80	13		IIIb	13M-14	Unifacial multiple tool	1
E20/S80	13		IIIb	13M-9	Unifacial multiple tool	1
E20/S80	13		IIIb	13M-11	Unifacial multiple tool	1
E20/S80	14		IIIa/b	13N-3	Bifacial tool Form C	1
E20/S80	14		IIIa/b	13N-5	Burin	1
E20/S80	14		IIIa/b		Debitage	376
E20/S80	14		IIIa/b	13N-4	Piece esquillee	1
E20/S80	14		IIIa/b	13N-1	Projectile point, Hoxie C	1
E20/S80	14		IIIa/b	13N-2	Projectile point, Thrall	1
E20/S80	15		IIIa	13O-1	Biface Stage 1	1
E20/S80	15		IIIa	13O-2	Biface Stage 2	1
E20/S80	15		IIIa		Debitage	309
E20/S80	15		IIIa	13O-7	Edge modified flake	1
E20/S80	15		IIIa	13O-3	Projectile point fragment	1
E20/S80	15		IIIa	13O-4	Projectile point, miscellaneous lanceolate	1
E20/S80	15		IIIa	13O-5	Thin uniface	1
E20/S80	15		IIIa	13O-6	Unifacial multiple tool	1
E20/S80	16		IIIa	13P-2	Biface fragment	1
E20/S80	16		IIIa	13P-4	Biface Stage 3	1
E20/S80	16		IIIa	13P-1	Bifacial tool Form D	1
E20/S80	16		IIIa	13P-5	Bifacial tool Form H	1
E20/S80	16		IIIa	13P-6	Burin spall	1
E20/S80	16		IIIa		Debitage	437
E20/S80	16		IIIa	13P-7	Edge modified flake	1
E20/S80	16		IIIa	13P-3	Projectile point, Hoxie	1
E20/S80	17		II/IIIa	13Q-3	Biface fragment	1
E20/S80	17		II/IIIa	13Q-4	Biface fragment	1
E20/S80	17		II/IIIa		Debitage	431
E20/S80	17		II/IIIa	13Q-8	Edge modified flake	1
E20/S80	17		II/IIIa	13Q-7	Edge modified flake	1
E20/S80	17		II/IIIa	13Q-6	Perforator Group 7	1
E20/S80	17		II/IIIa	13Q-1	Projectile point, Angostura	1
E20/S80	17		II/IIIa	13Q-2	Projectile point, Golondrina-Barber	1
E20/S80	17		II/IIIa	13Q-5	Projectile point, miscellaneous lanceolate	1
E20/S80	17		II/IIIa	13Q-9	Thin uniface	1
E20/S80	18		II	13R-1	Bifacial tool Form E	1
E20/S80	18		II		Debitage	137
E20/S80	20		II		Debitage	114
E20/S80	20		II	13T-1	Thin uniface	1
E20/S80	21		II		Debitage	136
E20/S80	21		II	13U-4	Edge modified flake	1
E20/S80	21		II	13U-2	Edge modified flake	1
E20/S80	21		II	13U-1	Projectile point, Wilson	1
E20/S80	21		II	13U-5	Thin uniface	1
E20/S80	21		II	13U-3	Thin uniface fragment	1
E20/S80	22		Id/II	13V-1	Biface Stage 3	1
E20/S80	22		Id/II	13V-2	Core, multidirectional	1
E20/S80	22		Id/II		Debitage	84
E20/S80	22		Id/II	13V-4	Edge modified flake	1
E20/S80	22		Id/II	13V-5	Thin uniface	1
E20/S80	23		Isi-c/Id	13W-2	Biface fragment	1
E20/S80	23		Isi-c/Id		Debitage	71
E20/S80	23		Isi-c/Id	13W-1	Unifacial multiple tool	1
E20/S80	23		Isi-c/Id	13W-3	Worked hematite	1
E20/S80	24		Isi-c		Debitage	24
E20/S80	25		Isi-c		Debitage	53
E20/S80	26		Isi/Isi-c	13AA-4	Biface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S80	26		Isi/Isi-c		Debitage	90
E20/S80	26		Isi/Isi-c	13AA-1	Edge modified flake	1
E20/S80	26		Isi/Isi-c	13AA-3	Edge modified flake	1
E20/S80	26		Isi/Isi-c	13AA-5	Edge modified flake	1
E20/S80	26		Isi/Isi-c	13AA-2	Thin uniface	1
E20/S80	27		Isi		Debitage	42
E20/S80	27		Isi	13BB-1	Thin uniface	1
E20/S82	1		IIIc	12A-10	Arrow point, stemmed	1
E20/S82	1		IIIc	12A-2	Biface fragment	1
E20/S82	1		IIIc	12A-1	Biface Stage 2	1
E20/S82	1		IIIc	12A-3	Biface Stage 2	1
E20/S82	1		IIIc	12A-4	Bifacial tool Form B	1
E20/S82	1		IIIc	12A-8	Burin spall	1
E20/S82	1		IIIc		Debitage	770
E20/S82	1		IIIc	12A-7	Edge modified flake	1
E20/S82	1		IIIc	12A-12	Indeterminate ground stone	1
E20/S82	1		IIIc	12A-11	Projectile point fragment	1
E20/S82	1		IIIc	12A-5	Projectile point fragment	1
E20/S82	1		IIIc	12A-6	Projectile point fragment	1
E20/S82	1		IIIc	12A-9	Projectile point, Bulverde	1
E20/S82	2	Feature 7	IIIc	12B-1	Arrow point, stemmed	1
E20/S82	2	Feature 7	IIIc		Debitage	330
E20/S82	2	Feature 7	IIIc	12B-2	Projectile point, miscellaneous side-notched	1
E20/S82	3		IIIc		Debitage	267
E20/S82	3		IIIc	12C-3	Projectile point fragment	1
E20/S82	3		IIIc	12C-2	Projectile point, miscellaneous bifurcate	1
E20/S82	3		IIIc	12C-1	Projectile point, Wells	1
E20/S82	4		IIIc	12D-1	Biface fragment	1
E20/S82	4		IIIc		Debitage	450
E20/S82	4		IIIc	12D-5	Edge modified flake	1
E20/S82	4		IIIc	12D-3	Edge modified flake	1
E20/S82	4		IIIc	12D-4	Edge modified flake	1
E20/S82	4		IIIc	12D-2	Projectile point, Fairland	1
E20/S82	4		IIIc	12D-6	Unifacial multiple tool	1
E20/S82	5		IIIc	12E-10	Biface fragment	1
E20/S82	5		IIIc	12E-11	Biface fragment	1
E20/S82	5		IIIc	12E-12	Biface fragment	1
E20/S82	5		IIIc	12E-13	Biface Stage 2	1
E20/S82	5		IIIc	12E-14	Biface Stage 2	1
E20/S82	5		IIIc		Debitage	870
E20/S82	5		IIIc	12E-22	Edge modified flake	1
E20/S82	5		IIIc	12E-16	Edge modified flake	1
E20/S82	5		IIIc	12E-17	Edge modified flake	1
E20/S82	5		IIIc	12E-19	Edge modified flake	1
E20/S82	5		IIIc	12E-21	Edge modified flake	1
E20/S82	5		IIIc	12E-6	Projectile point, Castroville	1
E20/S82	5		IIIc	12E-2	Projectile point, Ensor	1
E20/S82	5		IIIc	12E-15	Projectile point, Marcos	1
E20/S82	5		IIIc	12E-4	Projectile point, Marcos	1
E20/S82	5		IIIc	12E-5	Projectile point, Marshall	1
E20/S82	5		IIIc	12E-3	Projectile point, Marshall	1
E20/S82	5		IIIc	12E-7	Projectile point, Montell	1
E20/S82	5		IIIc	12E-8	Projectile point, Pedernales	1
E20/S82	5		IIIc	12E-1	Projectile point, Travis-like	1
E20/S82	5		IIIc	12E-20	Thin uniface fragment	1
E20/S82	6		IIIc		Debitage	332
E20/S82	6		IIIc	12F-8	Edge modified flake	1
E20/S82	6		IIIc	12F-6	Edge modified flake	1
E20/S82	6		IIIc	12F-5	Edge modified flake	1
E20/S82	6		IIIc	12F-1	Projectile point, Nolan	1
E20/S82	6	Feature 14	IIIc	12F-3	Biface fragment	1
E20/S82	6	Feature 14	IIIc	12F-4	Biface Stage 2	1
E20/S82	6	Feature 14	IIIc	12F-2	Bifacial tool Form A	1
E20/S82	7		IIIb/c	12G-6	Biface Stage 2	1
E20/S82	7		IIIb/c		Debitage	557
E20/S82	7		IIIb/c	12G-8	Edge modified flake	1
E20/S82	7		IIIb/c	12G-7	Edge modified flake	1
E20/S82	7		IIIb/c	12G-5	Mano fragment	1
E20/S82	7		IIIb/c	12G-9	Notched flake	1
E20/S82	7		IIIb/c	12G-4	Projectile point fragment	1
E20/S82	7		IIIb/c	12G-1	Projectile point, expanding concave B	1
E20/S82	7		IIIb/c	12G-2	Projectile point, miscellaneous bifurcate	1
E20/S82	7		IIIb/c	12G-3	Projectile point, Uvalde	1
E20/S82	8		IIIb/c	12H-11	Biface Stage 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S82	8		IIIb/c	12H-2	Biface Stage 3	1
E20/S82	8		IIIb/c	12H-3	Bifacial tool Form E	1
E20/S82	8		IIIb/c	12H-1	Burin	1
E20/S82	8		IIIb/c		Debitage	395
E20/S82	8		IIIb/c	12H-7	Edge modified flake	1
E20/S82	8		IIIb/c	12H-10	Edge modified flake	1
E20/S82	8		IIIb/c	12H-8	Edge modified flake	1
E20/S82	8		IIIb/c	12H-6	Edge modified flake	1
E20/S82	8		IIIb/c	12H-9	Edge modified flake	1
E20/S82	8		IIIb/c	12H-5	Projectile point fragment	1
E20/S82	8		IIIb/c	12H-4	Projectile point, expanding stem A	1
E20/S82	9		IIIb/c	12I-10	Chert cobble, chunk	1
E20/S82	9		IIIb/c		Debitage	357
E20/S82	9		IIIb/c	12I-6	Edge modified flake	1
E20/S82	9		IIIb/c	12I-5	Edge modified flake	1
E20/S82	9		IIIb/c	12I-3	Edge modified flake	1
E20/S82	9		IIIb/c	12I-1	Edge modified flake	1
E20/S82	9		IIIb/c	12I-4	Microspur/microdenticulate	1
E20/S82	9		IIIb/c	12I-7	Notched flake	1
E20/S82	9		IIIb/c	12I-2	Thin uniface	1
E20/S82	9		IIIb/c	12I-8	Thin uniface fragment	1
E20/S82	9		IIIb/c	12I-9	Thin uniface fragment	1
E20/S82	10		IIIb		Debitage	354
E20/S82	10		IIIb	12J-4	Edge modified flake	1
E20/S82	10		IIIb	12J-6	Edge modified flake	1
E20/S82	10		IIIb	12J-7	Notched flake	1
E20/S82	10		IIIb	12J-1	Projectile point, Bell/Andice	1
E20/S82	10		IIIb	12J-3	Retouched blade	1
E20/S82	10		IIIb	12J-5	Thin uniface	1
E20/S82	10		IIIb	12J-8	Thin uniface	1
E20/S82	10		IIIb	12J-2	Thin uniface	1
E20/S82	11		IIIb		Debitage	761
E20/S82	11		IIIb	12K-1	Projectile point, Martindale B	1
E20/S82	11		IIIb	12K-2	Projectile point, Uvalde	1
E20/S82	12		IIIb	12L-6	Biface Stage 1	1
E20/S82	12		IIIb	12L-18	Biface Stage 1	1
E20/S82	12		IIIb	12L-3	Biface Stage 2	1
E20/S82	12		IIIb	12L-4	Burin spall	1
E20/S82	12		IIIb	12L-12	Burin spall	1
E20/S82	12		IIIb	12L-9	Clear Fork biface	1
E20/S82	12		IIIb	12L-5	Core fragment	1
E20/S82	12		IIIb		Debitage	895
E20/S82	12		IIIb	12L-13	Edge modified flake	1
E20/S82	12		IIIb	12L-11	Edge modified flake	1
E20/S82	12		IIIb	12L-15	Edge modified flake	1
E20/S82	12		IIIb	12L-10	Edge modified flake	1
E20/S82	12		IIIb	12L-20	Edge modified flake	1
E20/S82	12		IIIb	12L-19	Edge modified flake	1
E20/S82	12		IIIb	12L-8	Projectile point fragment	1
E20/S82	12		IIIb	12L-1	Projectile point, Baker	1
E20/S82	12		IIIb	12L-7	Projectile point, miscellaneous lanceolate	1
E20/S82	12		IIIb	12L-14	Thin uniface	1
E20/S82	13		IIIb	12M-13	Biface fragment	1
E20/S82	13		IIIb	12M-7	Biface Stage 2	1
E20/S82	13		IIIb	12M-5	Biface Stage 2	1
E20/S82	13		IIIb	12M-4	Biface Stage 3	1
E20/S82	13		IIIb	12M-3	Bifacial tool Form E	1
E20/S82	13		IIIb	12M-1	Chert cobble, unmodified/tested	1
E20/S82	13		IIIb	12M-6	Core fragment	1
E20/S82	13		IIIb		Debitage	1804
E20/S82	13		IIIb	12M-11	Projectile point, bifurcate stem fragment	1
E20/S82	13		IIIb	12M-10	Projectile point, expanding concave B	1
E20/S82	13		IIIb	12M-12	Projectile point, miscellaneous lanceolate	1
E20/S82	13		IIIb	12M-2	Projectile point, miscellaneous lanceolate	1
E20/S82	13		IIIb	12M-8	Thin uniface fragment	1
E20/S82	14		IIIa/b	12N-10	Bifacial tool Form A	1
E20/S82	14		IIIa/b	12N-8	Bifacial tool Form E	1
E20/S82	14		IIIa/b	12N-12	Burin spall	1
E20/S82	14		IIIa/b	12N-11	Burin spall	1
E20/S82	14		IIIa/b	12N-7	Clear Fork biface, proximal	1
E20/S82	14		IIIa/b		Debitage	1873
E20/S82	14		IIIa/b	12N-16	Edge modified flake	1
E20/S82	14		IIIa/b	12N-17	Edge modified flake	1
E20/S82	14		IIIa/b	12N-22	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S82	14		IIIa/b	12N-24	Edge modified flake	1
E20/S82	14		IIIa/b	12N-14	Perforator Group 1	1
E20/S82	14		IIIa/b	12N-1	Projectile point fragment	1
E20/S82	14		IIIa/b	12N-13	Projectile point, bifurcate stem fragment	1
E20/S82	14		IIIa/b	12N-5	Projectile point, expanding concave E	1
E20/S82	14		IIIa/b	12N-2	Projectile point, expanding stem C	1
E20/S82	14		IIIa/b	12N-3	Projectile point, Gower/Jetta	1
E20/S82	14		IIIa/b	12N-4	Projectile point, Hoxie	1
E20/S82	14		IIIa/b	12N-23	Spurred flake	1
E20/S82	14		IIIa/b	12N-15	Thin uniface	1
E20/S82	14		IIIa/b	12N-20	Thin uniface	1
E20/S82	14		IIIa/b	12N-25	Thin uniface	1
E20/S82	14		IIIa/b	12N-21	Thin uniface	1
E20/S82	14		IIIa/b	12N-19	Thin uniface fragment	1
E20/S82	14		IIIa/b	12N-18	Thin uniface fragment	1
E20/S82	15		IIIa/b		Debitage	804
E20/S82	15		IIIa/b	12O-5	Edge modified flake	1
E20/S82	15		IIIa/b	12O-4	Microspur/microdenticulate	1
E20/S82	15		IIIa/b	12O-8	Projectile point fragment	1
E20/S82	15		IIIa/b	12O-6	Thick uniface	1
E20/S82	15		IIIa/b	12O-3	Thin uniface fragment	1
E20/S82	16		IIIa	12P-10	Biface fragment	1
E20/S82	16		IIIa	12P-2	Biface Stage 2	1
E20/S82	16		IIIa	12P-3	Biface Stage 3	1
E20/S82	16		IIIa		Debitage	589
E20/S82	16		IIIa	12P-4	Denticulated flake	1
E20/S82	16		IIIa	12P-12	Denticulated flake	1
E20/S82	16		IIIa	12P-6	Edge modified flake	1
E20/S82	16		IIIa	12P-9	Edge modified flake	1
E20/S82	16		IIIa	12P-1	Micro-core, large	1
E20/S82	16		IIIa	12P-11	Micro-core, small	1
E20/S82	16		IIIa	12P-5	Microspur/microdenticulate	1
E20/S82	16		IIIa	12P-7	Notched flake	1
E20/S82	17		II/IIIa	12Q-5	Biface Stage 1	1
E20/S82	17		II/IIIa	12Q-4	Biface Stage 2	1
E20/S82	17		II/IIIa	12Q-3	Biface Stage 3	1
E20/S82	17		II/IIIa	12Q-6	Burin spall	1
E20/S82	17		II/IIIa		Debitage	1278
E20/S82	17		II/IIIa	12Q-16	Edge modified flake	1
E20/S82	17		II/IIIa	12Q-18	Edge modified flake	1
E20/S82	17		II/IIIa	12Q-15	Edge modified flake	1
E20/S82	17		II/IIIa	12Q-13	Edge modified flake	1
E20/S82	17		II/IIIa	12Q-9	Edge modified flake	1
E20/S82	17		II/IIIa	12Q-2	Projectile point, Hoxie	1
E20/S82	17		II/IIIa	12Q-1	Projectile point, Hoxie A	1
E20/S82	17		II/IIIa	12Q-19	Retouched blade	1
E20/S82	17		II/IIIa	12Q-12	Thin uniface	1
E20/S82	17		II/IIIa	12Q-10	Thin uniface	1
E20/S82	17		II/IIIa	12Q-20	Thin uniface	1
E20/S82	17		II/IIIa	12Q-17	Thin uniface	1
E20/S82	18		II/IIIa	12R-4	Biface Stage 2	1
E20/S82	18		II/IIIa		Debitage	434
E20/S82	18		II/IIIa	12R-9	Edge modified flake	1
E20/S82	18		II/IIIa	12R-8	Perforator Unifacial	1
E20/S82	18		II/IIIa	12R-6	Projectile point fragment	1
E20/S82	18		II/IIIa	12R-1	Projectile point, concave lanceolate preform	1
E20/S82	18		II/IIIa	12R-2	Projectile point, Hoxie/Gower	1
E20/S82	18		II/IIIa	12R-5	Projectile point, miscellaneous lanceolate	1
E20/S82	18		II/IIIa	12R-7	Small core hammerstone	1
E20/S82	18		II/IIIa	12R-11	Thin uniface	1
E20/S82	19		II	12S-2	Biface Stage 2	1
E20/S82	19		II	12S-1	Clear Fork biface	1
E20/S82	19		II	12S-4	Core, thermal	1
E20/S82	19		II		Debitage	382
E20/S82	19		II	12S-10	Denticulated flake	1
E20/S82	19		II	12S-11	Edge modified flake	1
E20/S82	19		II	12S-8	Edge modified flake	1
E20/S82	19		II	12S-9	Microspur/microdenticulate	1
E20/S82	19		II	12S-6	Projectile point, miscellaneous lanceolate	1
E20/S82	19		II	12S-3	Small core hammerstone	1
E20/S82	19		II	12S-13	Thin uniface	1
E20/S82	19		II	12S-14	Thin uniface	1
E20/S82	19		II	12S-12	Thin uniface	1
E20/S82	19		II	12S-7	Thin uniface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S82	20		II	12T-2	Biface fragment	1
E20/S82	20		II	12T-3	Biface Stage 1	1
E20/S82	20		II		Debitage	256
E20/S82	20		II	12T-4	Thin uniface	1
E20/S82	20		II	12T-1	Thin uniface fragment	1
E20/S82	21		II		Debitage	154
E20/S82	21		II	12U-1	Projectile point, Golondrina-Barber	1
E20/S82	22		II		Debitage	158
E20/S82	23		Id/II		Debitage	82
E20/S82	23		Id/II	12W-1	Thin uniface fragment	1
E20/S82	24		Isi-c/Id		Debitage	51
E20/S82	24		Isi-c/Id	12X-1	Edge modified flake	1
E20/S82	25		Isi-c/Id	12Y-1	Thick uniface	1
E20/S84	1		IIIc	11A-1	Arrow point, Scallorn	1
E20/S84	1		IIIc	11A-3	Arrow point, stemmed	1
E20/S84	1		IIIc	11A-4	Arrow point, tip	1
E20/S84	1		IIIc	11A-8	Biface fragment	1
E20/S84	1		IIIc	11A-7	Biface fragment, unanalyzed	1
E20/S84	1		IIIc	11A-12	Biface Stage 1	1
E20/S84	1		IIIc	11A-10	Biface Stage 1	1
E20/S84	1		IIIc	11A-11	Biface Stage 1	1
E20/S84	1		IIIc	11A-19	Biface Stage 2	1
E20/S84	1		IIIc		Debitage	878
E20/S84	1		IIIc	11A-21	Edge modified flake	1
E20/S84	1		IIIc	11A-5	Edge modified flake	1
E20/S84	1		IIIc	11A-20	Edge modified flake	1
E20/S84	1		IIIc	11A-16	Edge modified flake	1
E20/S84	1		IIIc	11A-17	Microspur/microdenticulate	1
E20/S84	1		IIIc	11A-25	Notched flake	1
E20/S84	1		IIIc	11A-14	Projectile point fragment	1
E20/S84	1		IIIc	11A-9	Projectile point fragment	1
E20/S84	1		IIIc	11A-15	Projectile point fragment	1
E20/S84	1		IIIc	11A-2	Projectile point, Darl	1
E20/S84	1		IIIc	11A-24	Thin uniface	1
E20/S84	1		IIIc	11A-18	Thin uniface	1
E20/S84	1		IIIc	11A-22	Thin uniface	1
E20/S84	1		IIIc	11A-6	Thin uniface	1
E20/S84	1		IIIc	11A-23	Thin uniface	1
E20/S84	2		IIIc	11B-4	Arrow point, Scallorn	1
E20/S84	2		IIIc	11B-9	Arrow point, tip	1
E20/S84	2		IIIc	11B-7	Biface fragment	1
E20/S84	2		IIIc	11B-5	Biface Stage 3	1
E20/S84	2		IIIc		Debitage	404
E20/S84	2		IIIc	11B-11	Notched flake	1
E20/S84	2		IIIc	11B-8	Projectile point fragment	1
E20/S84	2		IIIc	11B-1	Projectile point, Darl	1
E20/S84	2		IIIc	11B-3	Projectile point, Ensor	1
E20/S84	2		IIIc	11B-2	Projectile point, Uvalde-like	1
E20/S84	2		IIIc	11B-12	Thin uniface	1
E20/S84	2		IIIc	11B-10	Thin uniface fragment	1
E20/S84	3		IIIc	11C-3	Biface Stage 2	1
E20/S84	3		IIIc		Debitage	520
E20/S84	3		IIIc	11C-1	Projectile point, Marcos	1
E20/S84	3		IIIc	11C-4	Projectile point, Montell	1
E20/S84	3		IIIc	11C-2	Projectile point, Pedernales	1
E20/S84	3		IIIc	11C-9	Small core hammerstone	1
E20/S84	3		IIIc	11C-7	Unifacial multiple tool	1
E20/S84	3		IIIc	11C-6	Unifacial multiple tool	1
E20/S84	4		IIIc	11D-7	Biface fragment	1
E20/S84	4		IIIc	11D-5	Biface Stage 2	1
E20/S84	4		IIIc	11D-6	Biface Stage 2	1
E20/S84	4		IIIc	11D-4	Biface Stage 3	1
E20/S84	4		IIIc		Debitage	501
E20/S84	4		IIIc	11D-8	Denticulated flake	1
E20/S84	4		IIIc	11D-10	Edge modified flake	1
E20/S84	4		IIIc	11D-9	Edge modified flake	1
E20/S84	4		IIIc	11D-1	Projectile point, Ensor	1
E20/S84	4		IIIc	11D-2	Projectile point, Frio	1
E20/S84	4		IIIc	11D-3	Projectile point, Montell	1
E20/S84	5		IIIc	11E-4	Biface fragment	1
E20/S84	5		IIIc	11E-3	Biface fragment	1
E20/S84	5		IIIc	11E-2	Biface fragment	1
E20/S84	5		IIIc		Debitage	378
E20/S84	5		IIIc	11E-5	Perforator Group 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S84	5		IIIc	11E-7	Projectile point fragment	1
E20/S84	5		IIIc	11E-6	Projectile point, Marcos	1
E20/S84	5		IIIc	11E-1	Projectile point, rectangular stem C	1
E20/S84	5		IIIc	11E-8	Thin uniface	1
E20/S84	6		IIIc	11F-1	Biface fragment	1
E20/S84	6		IIIc	11F-8	Biface fragment	1
E20/S84	6		IIIc	11F-2	Core tool, type 3	1
E20/S84	6		IIIc		Debitage	470
E20/S84	6		IIIc	11F-5	Edge modified flake	1
E20/S84	6		IIIc	11F-13	Edge modified flake	1
E20/S84	6		IIIc	11F-10	Edge modified flake	1
E20/S84	6		IIIc	11F-11	Edge modified flake	1
E20/S84	6		IIIc	11F-14	Edge modified flake	1
E20/S84	6		IIIc	11F-6	Edge modified flake	1
E20/S84	6		IIIc	11F-7	Edge modified flake	1
E20/S84	6		IIIc	11F-12	Edge modified flake	1
E20/S84	6		IIIc	11F-9	Notched flake	1
E20/S84	7		IIIc	11G-2	Biface fragment	1
E20/S84	7		IIIc	11G-3	Biface fragment	1
E20/S84	7		IIIc	11G-4	Biface Stage 1	1
E20/S84	7		IIIc	11G-1	Biface Stage 2	1
E20/S84	7		IIIc		Debitage	653
E20/S84	7		IIIc	11G-7	Perforator Group 2	1
E20/S84	7		IIIc	11G-6	Projectile point, miscellaneous expanding stem	1
E20/S84	7		IIIc	11G-5	Thick uniface	1
E20/S84	8		IIIb/c	11H-2	Biface fragment	1
E20/S84	8		IIIb/c	11H-3	Biface fragment	1
E20/S84	8		IIIb/c	11H-6	Biface Stage 1	1
E20/S84	8		IIIb/c	11H-4	Biface Stage 1	1
E20/S84	8		IIIb/c	11H-21	Biface Stage 1	1
E20/S84	8		IIIb/c	11H-5	Burin	1
E20/S84	8		IIIb/c	11H-7	Burin spall	1
E20/S84	8		IIIb/c	11H-20	Core fragment	1
E20/S84	8		IIIb/c	11H-22	Core tool, type 4	1
E20/S84	8		IIIb/c	11H-23	Core tool, type 4	1
E20/S84	8		IIIb/c		Debitage	415
E20/S84	8		IIIb/c	11H-11	Edge modified flake	1
E20/S84	8		IIIb/c	11H-9	Edge modified flake	1
E20/S84	8		IIIb/c	11H-10	Edge modified flake	1
E20/S84	8		IIIb/c	11H-17	Edge modified flake	1
E20/S84	8		IIIb/c	11H-16	Edge modified flake	1
E20/S84	8		IIIb/c	11H-15	Edge modified flake	1
E20/S84	8		IIIb/c	11H-19	Mano fragment	1
E20/S84	8		IIIb/c	11H-14	Notched flake	1
E20/S84	8		IIIb/c	11H-1	Projectile point, Thrall	1
E20/S84	8		IIIb/c	11H-18	Thick uniface	1
E20/S84	8		IIIb/c	11H-8	Thick uniface	1
E20/S84	8		IIIb/c	11H-13	Thin uniface	1
E20/S84	9		IIIb/c	11I-4	Biface fragment	1
E20/S84	9		IIIb/c	11I-3	Biface Stage 2	1
E20/S84	9		IIIb/c	11I-2	Biface Stage 2	1
E20/S84	9		IIIb/c		Debitage	235
E20/S84	9		IIIb/c	11I-5	Denticulated flake	1
E20/S84	9		IIIb/c	11I-1	Projectile point, Nolan-like	1
E20/S84	10		IIIb/c	11J-4	Biface fragment	1
E20/S84	10		IIIb/c	11J-7	Biface Stage 1	1
E20/S84	10		IIIb/c	11J-12	Biface Stage 1	1
E20/S84	10		IIIb/c	11J-2	Biface Stage 2	1
E20/S84	10		IIIb/c	11J-3	Biface Stage 2	1
E20/S84	10		IIIb/c	11J-5	Biface Stage 2	1
E20/S84	10		IIIb/c	11J-6	Biface Stage 2	1
E20/S84	10		IIIb/c	11J-8	Bifacial tool Form B	1
E20/S84	10		IIIb/c		Debitage	420
E20/S84	10		IIIb/c	11J-1	Mano	1
E20/S84	10		IIIb/c	11J-11	Microspur/microdenticulate	1
E20/S84	10		IIIb/c	11J-9	Projectile point, Gary	1
E20/S84	10		IIIb/c	11J-10	Unifacial multiple tool	1
E20/S84	11		IIIb	11K-8	Biface fragment	1
E20/S84	11		IIIb	11K-4	Biface Stage 2	1
E20/S84	11		IIIb	11K-6	Burin	1
E20/S84	11		IIIb	11K-7	Burin spall	1
E20/S84	11		IIIb		Debitage	800
E20/S84	11		IIIb	11K-10	Microspur/microdenticulate	1
E20/S84	11		IIIb	11K-5	Piece esquillee	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S84	11		IIIb	11K-9	Projectile point fragment	1
E20/S84	11		IIIb	11K-2	Projectile point, bifurcate stem fragment	1
E20/S84	11		IIIb	11K-3	Projectile point, Early Triangular	1
E20/S84	11		IIIb	11K-1	Projectile point, miscellaneous expanding stem	1
E20/S84	11		IIIb	11K-14	Thin uniface	1
E20/S84	11		IIIb	11K-11	Uniface, unanalyzed	1
E20/S84	11		IIIb	11K-13	Uniface, unanalyzed	1
E20/S84	11		IIIb	11K-12	Unifacial multiple tool	1
E20/S84	12		IIIb	11L-5	Biface Stage 2	1
E20/S84	12		IIIb	11L-3	Biface Stage 2	1
E20/S84	12		IIIb	11L-4	Biface Stage 3	1
E20/S84	12		IIIb	11L-13	Burin	1
E20/S84	12		IIIb		Debitage	1380
E20/S84	12		IIIb	11L-12	Edge modified flake	1
E20/S84	12		IIIb	11L-11	Edge modified flake	1
E20/S84	12		IIIb	11L-10	Edge modified flake	1
E20/S84	12		IIIb	11L-7	Edge modified flake	1
E20/S84	12		IIIb	11L-6	Edge modified flake	1
E20/S84	12		IIIb	11L-8	Edge modified flake	1
E20/S84	12		IIIb	11L-9	Microspur/microdenticulate	1
E20/S84	12		IIIb	11L-1	Projectile point, expanding concave B	1
E20/S84	12		IIIb	11L-2	Projectile point, expanding concave C	1
E20/S84	13		IIIb	11M-3	Biface fragment	1
E20/S84	13		IIIb	11M-9	Biface Stage 1	1
E20/S84	13		IIIb	11M-10	Biface Stage 2	1
E20/S84	13		IIIb	11M-4	Biface Stage 2	1
E20/S84	13		IIIb	11M-5	Biface Stage 2	1
E20/S84	13		IIIb	11M-6	Biface Stage 2	1
E20/S84	13		IIIb	11M-7	Biface Stage 3	1
E20/S84	13		IIIb		Debitage	949
E20/S84	13		IIIb	11M-11	Edge modified flake	1
E20/S84	13		IIIb	11M-15	Edge modified flake	1
E20/S84	13		IIIb	11M-13	Notched flake	1
E20/S84	13		IIIb	11M-1	Projectile point, Bandy	1
E20/S84	13		IIIb	11M-2	Projectile point, contracting stem, concave base	1
E20/S84	13		IIIb	11M-12	Thick uniface	1
E20/S84	14		IIIa/b	11N-1	Bifacial tool	1
E20/S84	14		IIIa/b	11N-2	Core tool, type 2	1
E20/S84	14		IIIa/b		Debitage	922
E20/S84	14		IIIa/b	11N-4	Edge modified flake	1
E20/S84	14		IIIa/b	11N-6	Edge modified flake	1
E20/S84	14		IIIa/b	11N-3	Edge modified flake	1
E20/S84	14		IIIa/b	11N-5	Microspur/microdenticulate	1
E20/S84	15		IIIa/b	11O-6	Biface fragment	1
E20/S84	15		IIIa/b	11O-12	Biface fragment	1
E20/S84	15		IIIa/b	11O-8	Biface Stage 1	1
E20/S84	15		IIIa/b	11O-7	Biface Stage 2	1
E20/S84	15		IIIa/b	11O-9	Core fragment	1
E20/S84	15		IIIa/b		Debitage	689
E20/S84	15		IIIa/b	11O-13	Edge modified flake	1
E20/S84	15		IIIa/b	11O-1	Projectile point, Angostura	1
E20/S84	15		IIIa/b	11O-3	Projectile point, bifurcate stem fragment	1
E20/S84	15		IIIa/b	11O-2	Projectile point, Hoxie C	1
E20/S84	15		IIIa/b	11O-11	Thin uniface	1
E20/S84	15		IIIa/b	11O-10	Thin uniface fragment	1
E20/S84	16		IIIa	11P-7	Biface fragment	1
E20/S84	16		IIIa	11P-4	Biface Stage 1	1
E20/S84	16		IIIa	11P-2	Biface Stage 2	1
E20/S84	16		IIIa	11P-6	Biface Stage 3	1
E20/S84	16		IIIa	11P-3	Burin	1
E20/S84	16		IIIa	11P-10	Burin	1
E20/S84	16		IIIa	11P-5	Burin	1
E20/S84	16		IIIa	11P-9	Burin spall	1
E20/S84	16		IIIa	11P-11	Burin spall	1
E20/S84	16		IIIa		Debitage	574
E20/S84	16		IIIa	11P-12	Edge modified flake	1
E20/S84	16		IIIa	11P-1	Metate fragment	1
E20/S84	16		IIIa	11P-8	Unifacial multiple tool	1
E20/S84	17		IIIa	11Q-4	Biface fragment	1
E20/S84	17		IIIa	11Q-2	Biface Stage 2	1
E20/S84	17		IIIa	11Q-6	Biface Stage 3	1
E20/S84	17		IIIa		Debitage	830
E20/S84	17		IIIa	11Q-8	Denticulated flake	1
E20/S84	17		IIIa	11Q-12	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S84	17		IIIa	11Q-7	Microspur/microdenticulate	1
E20/S84	17		IIIa	11Q-11	Notched flake	1
E20/S84	17		IIIa	11Q-3	Projectile point fragment	1
E20/S84	17		IIIa	11Q-1	Projectile point, Angostura	1
E20/S84	17		IIIa	11Q-9	Thin uniface	1
E20/S84	17		IIIa	11Q-10	Unifacial multiple tool	1
E20/S84	18		II/IIIa	11R-2	Biface Stage 2	1
E20/S84	18		II/IIIa	11R-3	Biface Stage 2	1
E20/S84	18		II/IIIa	11R-4	Clear Fork biface, proximal	1
E20/S84	18		II/IIIa		Debitage	692
E20/S84	18		II/IIIa	11R-7	Edge modified flake	1
E20/S84	18		II/IIIa	11R-1	Projectile point, Jetta	1
E20/S84	18		II/IIIa	11R-5	Thick uniface	1
E20/S84	18		II/IIIa	11R-8	Thin uniface	1
E20/S84	18		II/IIIa	11R-6	Thin uniface fragment	1
E20/S84	19		II	11S-6	Bifacial tool Form B	1
E20/S84	19		II	11S-2	Burin	1
E20/S84	19		II	11S-4	Burin spall	1
E20/S84	19		II	11S-5	Core, thermal	1
E20/S84	19		II		Debitage	448
E20/S84	19		II	11S-9	Possible ground stone	1
E20/S84	19		II	11S-1	Projectile point, Angostura	1
E20/S84	19		II	11S-7	Thick uniface	1
E20/S84	19		II	11S-3	Thin uniface	1
E20/S84	20		II	11T-3	Biface fragment	1
E20/S84	20		II	11T-1	Biface Stage 2	1
E20/S84	20		II	11T-2	Biface Stage 2	1
E20/S84	20		II		Debitage	281
E20/S84	20		II	11T-4	Thin uniface	1
E20/S84	21		X/II		Debitage	206
E20/S84	22		X/II	11V-3	Core, multidirectional	1
E20/S84	22		X/II		Debitage	105
E20/S84	22		X/II	11V-2	Edge modified flake	1
E20/S84	22		X/II	11V-1	Thin uniface fragment	1
E20/S84	23		X/Id/II		Debitage	40
E20/S84	23		X/Id/II	11W-1	Unifacial multiple tool	1
E20/S86	1		IIIc	10A-9	Arrow point, medial	1
E20/S86	1		IIIc	10A-6	Biface fragment	1
E20/S86	1		IIIc	10A-7	Biface Stage 2	1
E20/S86	1		IIIc	10A-5	Burin	1
E20/S86	1		IIIc		Debitage	1201
E20/S86	1		IIIc	10A-12	Notched flake	1
E20/S86	1		IIIc	10A-13	Notched flake	1
E20/S86	1		IIIc	10A-10	Notched flake	1
E20/S86	1		IIIc	10A-14	Notched flake	1
E20/S86	1		IIIc	10A-1	Projectile point fragment	1
E20/S86	1		IIIc	10A-2	Projectile point, Darl	1
E20/S86	1		IIIc	10A-11	Spurred flake	1
E20/S86	2		IIIc	10B-1	Arrow point, Scallorn	1
E20/S86	2		IIIc	10B-2	Arrow point, Scallorn	1
E20/S86	2		IIIc	10B-27	Biface fragment	1
E20/S86	2		IIIc	10B-10	Biface fragment	1
E20/S86	2		IIIc	10B-13	Biface fragment	1
E20/S86	2		IIIc	10B-32	Biface Stage 2	1
E20/S86	2		IIIc	10B-31	Biface Stage 2	1
E20/S86	2		IIIc	10B-26	Biface Stage 2	1
E20/S86	2		IIIc	10B-12	Biface Stage 2	1
E20/S86	2		IIIc	10B-15	Biface Stage 3	1
E20/S86	2		IIIc	10B-30	Biface Stage 3	1
E20/S86	2		IIIc	10B-23	Burin	1
E20/S86	2		IIIc		Debitage	2037
E20/S86	2		IIIc	10B-24	Edge modified flake	1
E20/S86	2		IIIc	10B-20	Edge modified flake	1
E20/S86	2		IIIc	10B-29	Edge modified flake	1
E20/S86	2		IIIc	10B-19	Piece esquillee	1
E20/S86	2		IIIc	10B-18	Projectile point fragment	1
E20/S86	2		IIIc	10B-17	Projectile point fragment	1
E20/S86	2		IIIc	10B-4	Projectile point, Darl	1
E20/S86	2		IIIc	10B-5	Projectile point, Darl	1
E20/S86	2		IIIc	10B-3	Projectile point, Darl	1
E20/S86	2		IIIc	10B-6	Projectile point, Ensor	1
E20/S86	2		IIIc	10B-7	Projectile point, Ensor	1
E20/S86	2		IIIc	10B-16	Projectile point, indeterminate	1
E20/S86	2		IIIc	10B-8	Projectile point, miscellaneous bifurcate	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S86	2		IIIc	10B-22	Thin uniface	1
E20/S86	2		IIIc	10B-25	Thin uniface fragment	1
E20/S86	2		IIIc	10B-28	Thin uniface fragment	1
E20/S86	3		IIIc	10C-1	Arrow point, Scallorn	1
E20/S86	3		IIIc	10C-6	Biface fragment	1
E20/S86	3		IIIc	10C-5	Biface Stage 1	1
E20/S86	3		IIIc	10C-7	Biface Stage 2	1
E20/S86	3		IIIc	10C-8	Biface Stage 3	1
E20/S86	3		IIIc	10C-9	Bifacial tool Form B	1
E20/S86	3		IIIc	10C-16	Burin	1
E20/S86	3		IIIc		Debitage	924
E20/S86	3		IIIc	10C-10	Edge modified flake	1
E20/S86	3		IIIc	10C-11	Edge modified flake	1
E20/S86	3		IIIc	10C-14	Edge modified flake	1
E20/S86	3		IIIc	10C-15	Edge modified flake	1
E20/S86	3		IIIc	10C-2	Projectile point, Darl	1
E20/S86	3		IIIc	10C-3	Projectile point, expanding concave B	1
E20/S86	3		IIIc	10C-4	Projectile point, miscellaneous lanceolate	1
E20/S86	3		IIIc	10C-13	Thin uniface	1
E20/S86	3		IIIc	10C-12	Unifacial multiple tool	1
E20/S86	4		IIIc	10D-6	Biface Stage 2	1
E20/S86	4		IIIc	10D-5	Biface Stage 2	1
E20/S86	4		IIIc	10D-3B	Biface Stage 2	1
E20/S86	4		IIIc	10D-15	Biface Stage 3	1
E20/S86	4		IIIc	10D-1	Bifacial tool Form A	1
E20/S86	4		IIIc	10D-3A	Bifacial tool Form B	1
E20/S86	4		IIIc	10D-7	Core tool, type 1	1
E20/S86	4		IIIc	10D-18	Core tool, type 5	1
E20/S86	4		IIIc		Debitage	551
E20/S86	4		IIIc	10D-12	Edge modified flake	1
E20/S86	4		IIIc	10D-9	Edge modified flake	1
E20/S86	4		IIIc	10D-10	Edge modified flake	1
E20/S86	4		IIIc	10D-14	Edge modified flake	1
E20/S86	4		IIIc	10D-11	Edge modified flake	1
E20/S86	4		IIIc	10D-2	Projectile point, Montell	1
E20/S86	4		IIIc	10D-4	Thin uniface	1
E20/S86	4		IIIc	10D-16	Thin uniface	1
E20/S86	4		IIIc	10D-17	Thin uniface	1
E20/S86	4		IIIc	10D-13	Unifacial multiple tool	1
E20/S86	5		IIIc	10E-6	Biface Stage 2	1
E20/S86	5		IIIc		Debitage	312
E20/S86	5		IIIc	10E-9	Edge modified flake	1
E20/S86	5		IIIc	10E-8	Edge modified flake	1
E20/S86	5		IIIc	10E-7	Edge modified flake	1
E20/S86	5		IIIc	10E-12	Edge modified flake	1
E20/S86	5		IIIc	10E-5	Metate fragment	1
E20/S86	5		IIIc	10E-10	Notched flake	1
E20/S86	5	Feature 11	IIIc	10E-1	Biface Stage 1	1
E20/S86	5	Feature 11	IIIc	10E-3	Biface Stage 1	1
E20/S86	5	Feature 11	IIIc	10E-2	Biface Stage 1	1
E20/S86	5	Feature 11	IIIc	10E-4	Core, multidirectional	1
E20/S86	6		IIIc	10F-2	Biface Stage 2	1
E20/S86	6		IIIc		Debitage	429
E20/S86	6		IIIc	10F-4	Edge modified flake	1
E20/S86	6		IIIc	10F-3	Edge modified flake	1
E20/S86	6		IIIc	10F-5	Mano fragment	1
E20/S86	6		IIIc	10F-1	Projectile point, Gary	1
E20/S86	7	BRM 1	IIIc	10G-5	Biface fragment, unanalyzed	1
E20/S86	7	BRM 1	IIIc	10G-2	Biface Stage 2	1
E20/S86	7	BRM 1	IIIc	10G-7	Chert cobble, unmodified/tested	1
E20/S86	7	BRM 1	IIIc		Debitage	451
E20/S86	7	BRM 1	IIIc	10G-6	Edge modified flake	1
E20/S86	7	BRM 1	IIIc	10G-4	Edge modified flake	1
E20/S86	7	BRM 1	IIIc	10G-1	Projectile point, Bulverde	1
E20/S86	7	BRM 1	IIIc	10G-3	Projectile point, rectangular stem A	1
E20/S86	8		IIIc	10H-17	Biface fragment	1
E20/S86	8		IIIc	10H-19	Biface Stage 2	1
E20/S86	8		IIIc	10H-3	Bifacial tool Form A	1
E20/S86	8		IIIc	10H-18	Bifacial tool Form A	1
E20/S86	8		IIIc		Debitage	337
E20/S86	8		IIIc	10H-16	Denticulated flake	1
E20/S86	8		IIIc	10H-9	Edge modified flake	1
E20/S86	8		IIIc	10H-5	Edge modified flake	1
E20/S86	8		IIIc	10H-10	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S86	8		IIIc	10H-11	Edge modified flake	1
E20/S86	8		IIIc	10H-13	Edge modified flake	1
E20/S86	8		IIIc	10H-4	Edge modified flake	1
E20/S86	8		IIIc	10H-7	Edge modified flake	1
E20/S86	8		IIIc	10H-8	Edge modified flake	1
E20/S86	8		IIIc	10H-12	Edge modified flake	1
E20/S86	8		IIIc	10H-1	Projectile point, Nolan	1
E20/S86	8		IIIc	10H-15	Thick uniface	1
E20/S86	8		IIIc	10H-14	Thin uniface	1
E20/S86	9		IIIb/c	10I-2	Biface Stage 2	1
E20/S86	9		IIIb/c	10I-11	Burin	1
E20/S86	9		IIIb/c		Debitage	311
E20/S86	9		IIIb/c	10I-3	Edge modified flake	1
E20/S86	9		IIIb/c	10I-5	Edge modified flake	1
E20/S86	9		IIIb/c	10I-7	Edge modified flake	1
E20/S86	9		IIIb/c	10I-9	Edge modified flake	1
E20/S86	9		IIIb/c	10I-4	Unifacial multiple tool	1
E20/S86	10		IIIb	10J-3	Biface fragment	1
E20/S86	10		IIIb	10J-2	Biface Stage 2	1
E20/S86	10		IIIb	10J-5	Biface Stage 3	1
E20/S86	10		IIIb	10J-4	Biface Stage 3	1
E20/S86	10		IIIb		Debitage	872
E20/S86	10		IIIb	10J-6	Projectile point fragment	1
E20/S86	10		IIIb	10J-1	Projectile point, Bulverde-like	1
E20/S86	10		IIIb	10J-7	Thin uniface	1
E20/S86	10-12	Feature 20	IIIb/c		Debitage	200
E20/S86	10-12	Feature 20	IIIb/c	10I-10	Edge modified flake	1
E20/S86	11		IIIb	10K-2	Biface Stage 2	1
E20/S86	11		IIIb	10K-3	Biface Stage 2	1
E20/S86	11		IIIb	10K-4	Biface Stage 2	1
E20/S86	11		IIIb		Debitage	690
E20/S86	11		IIIb	10K-5	Projectile point, Gower	1
E20/S86	11		IIIb	10K-1	Projectile point, Martindale A	1
E20/S86	11		IIIb	10K-6	Thin uniface	1
E20/S86	11		IIIb	10K-7	Thin uniface	1
E20/S86	12		X/IIIb	10L-9	Biface fragment	1
E20/S86	12		X/IIIb	10L-4	Biface Stage 1	1
E20/S86	12		X/IIIb	10L-1	Biface Stage 2	1
E20/S86	12		X/IIIb	10L-6	Biface Stage 2	1
E20/S86	12		X/IIIb	10L-2	Biface Stage 3	1
E20/S86	12		X/IIIb	10L-3	Biface Stage 3	1
E20/S86	12		X/IIIb	10L-7	Burin spall	1
E20/S86	12		X/IIIb		Debitage	656
E20/S86	12		X/IIIb	10L-10	Edge modified flake	1
E20/S86	12		X/IIIb	10L-5	Notched flake	1
E20/S86	12		X/IIIb	10L-8	Thin uniface fragment	1
E20/S86	13		X/IIIb	10M-8	Biface fragment	1
E20/S86	13		X/IIIb	10M-9	Biface fragment	1
E20/S86	13		X/IIIb	10M-5	Biface fragment	1
E20/S86	13		X/IIIb	10M-6	Biface Stage 2	1
E20/S86	13		X/IIIb	10M-3	Biface Stage 2	1
E20/S86	13		X/IIIb	10M-2	Biface Stage 2	1
E20/S86	13		X/IIIb	10M-4	Bifacial tool Form A	1
E20/S86	13		X/IIIb	10M-1	Bifacial tool Form E	1
E20/S86	13		X/IIIb	10M-10	Burin spall	1
E20/S86	13		X/IIIb		Debitage	814
E20/S86	13		X/IIIb	10M-7	Thin uniface	1
E20/S86	14		X/IIIa/b	10N-5	Biface Stage 2	1
E20/S86	14		X/IIIa/b	10N-4	Biface Stage 3	1
E20/S86	14		X/IIIa/b	10N-1	Bifacial tool Form B	1
E20/S86	14		X/IIIa/b	10N-16	Burin spall	1
E20/S86	14		X/IIIa/b	10N-2	Clear Fork uniface	1
E20/S86	14		X/IIIa/b		Debitage	797
E20/S86	14		X/IIIa/b	10N-17	Edge modified flake	1
E20/S86	14		X/IIIa/b	10N-13	Edge modified flake	1
E20/S86	14		X/IIIa/b	10N-14	Edge modified flake	1
E20/S86	14		X/IIIa/b	10N-18	Micro-core, intermediate	1
E20/S86	14		X/IIIa/b	10N-3	Perforator Group 7	1
E20/S86	14		X/IIIa/b	10N-8	Thin uniface	1
E20/S86	14		X/IIIa/b	10N-6	Thin uniface fragment	1
E20/S86	15		X/IIIa	10O-1	Biface fragment	1
E20/S86	15		X/IIIa	10O-4	Biface fragment	1
E20/S86	15		X/IIIa		Debitage	776
E20/S86	15		X/IIIa	10O-5	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S86	15	Feature 29	X/IIIa	10Q-2	Perforator Group 7	1
E20/S86	15		X/IIIa	10Q-6	Thin uniface	1
E20/S86	16		X/II/IIIa	10P-14	Biface fragment	1
E20/S86	16		X/II/IIIa	10P-6	Biface fragment	1
E20/S86	16		X/II/IIIa	10P-4	Biface fragment	1
E20/S86	16		X/II/IIIa	10P-2	Biface fragment	1
E20/S86	16		X/II/IIIa	10P-3	Biface Stage 1	1
E20/S86	16		X/II/IIIa	10P-1	Biface Stage 3	1
E20/S86	16		X/II/IIIa	10P-16	Burin	1
E20/S86	16		X/II/IIIa	10P-17	Core fragment	1
E20/S86	16		X/II/IIIa		Debitage	924
E20/S86	16		X/II/IIIa	10P-10	Edge modified flake	1
E20/S86	16		X/II/IIIa	10P-11	Microspur/microdenticulate	1
E20/S86	16		X/II/IIIa	10P-15	Piece esquillee	1
E20/S86	16		X/II/IIIa	10P-8	Projectile point, bifurcate stem fragment	1
E20/S86	16		X/II/IIIa	10P-12	Thin uniface	1
E20/S86	16		X/II/IIIa	10P-13	Unifacial multiple tool	1
E20/S86	17		X/II/IIIa	10Q-5	Biface Stage 2	1
E20/S86	17		X/II/IIIa		Debitage	696
E20/S86	17		X/II/IIIa	10Q-6	Edge modified flake	1
E20/S86	17		X/II/IIIa	10Q-2	Microspur/microdenticulate	1
E20/S86	17		X/II/IIIa	10Q-1	Projectile point fragment	1
E20/S86	17		X/II/IIIa	10Q-9	Projectile point fragment	1
E20/S86	17		X/II/IIIa	10Q-3	Thin uniface	1
E20/S86	17		X/II/IIIa	10Q-7	Thin uniface	1
E20/S86	17		X/II/IIIa	10Q-4	Unifacial multiple tool	1
E20/S86	17		X/II/IIIa	10Q-8	Projectile point, Angostura	1
E20/S86	18		X/II	10R-8	Biface Stage 1	1
E20/S86	18		X/II		Debitage	530
E20/S86	18		X/II	10R-3	Edge modified flake	1
E20/S86	18		X/II	10R-9	Edge modified flake	1
E20/S86	18		X/II	10R-4	Microspur/microdenticulate	1
E20/S86	18		X/II	10R-1	Microspur/microdenticulate	1
E20/S86	18		X/II	10R-10	Projectile point, Hoxie A	1
E20/S86	18		X/II	10R-5	Thin uniface	1
E20/S86	19		X/II	10S-3	Clear Fork biface	1
E20/S86	19		X/II		Debitage	513
E20/S86	19		X/II	10S-4	Edge modified flake	1
E20/S86	19		X/II	10S-7	Edge modified flake	1
E20/S86	19		X/II	10S-2	Edge modified flake	1
E20/S86	19		X/II	10S-1	Projectile point, Golondrina-Barber	1
E20/S86	19		X/II	10S-6	Thin uniface	1
E20/S86	19		X/II	10S-5	Thin uniface fragment	1
E20/S86	20		X/II	10T-4	Biface Stage 2	1
E20/S86	20		X/II	10T-3	Burin spall	1
E20/S86	20		X/II	10T-5	Core fragment	1
E20/S86	20		X/II		Debitage	325
E20/S86	20		X/II	10T-2	Projectile point, miscellaneous lanceolate	1
E20/S86	20		X/II	10T-1	Thin uniface fragment	1
E20/S86	21		X		Debitage	108
E20/S86	22		X		Debitage	35
E20/S88	1		IIIc	9A-5	Arrow point, Scallorn	1
E20/S88	1		IIIc	9A-4	Arrow point, Scallorn	1
E20/S88	1		IIIc	9A-3	Arrow point, Scallorn	1
E20/S88	1		IIIc	9A-2	Arrow point, stemmed	1
E20/S88	1		IIIc	9A-1	Arrow point, stemmed	1
E20/S88	1		IIIc	9A-9	Arrow point, stemmed	1
E20/S88	1		IIIc	9A-19	Biface fragment	1
E20/S88	1		IIIc	9A-10	Biface fragment	1
E20/S88	1		IIIc	9A-26	Biface fragment	1
E20/S88	1		IIIc	9A-21	Biface fragment	1
E20/S88	1		IIIc	9A-22	Biface fragment	1
E20/S88	1		IIIc	9A-20	Biface fragment	1
E20/S88	1		IIIc	9A-25	Biface Stage 1	1
E20/S88	1		IIIc	9A-18	Biface Stage 1	1
E20/S88	1		IIIc	9A-24	Biface Stage 2	1
E20/S88	1		IIIc	9A-16	Biface Stage 2	1
E20/S88	1		IIIc	9A-13	Biface Stage 2	1
E20/S88	1		IIIc	9A-27	Bifacial tool Form B	1
E20/S88	1		IIIc	9A-14	Burin	1
E20/S88	1		IIIc	9A-28	Burin spall	1
E20/S88	1		IIIc		Debitage	832
E20/S88	1		IIIc	9A-34	Edge modified flake	1
E20/S88	1		IIIc	9A-44	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S88	1		IIIc	9A-35	Edge modified flake	1
E20/S88	1		IIIc	9A-15	Edge modified flake	1
E20/S88	1		IIIc	9A-38	Edge modified flake	1
E20/S88	1		IIIc	9A-43	Edge modified flake	1
E20/S88	1		IIIc	9A-11	Edge modified flake	1
E20/S88	1		IIIc	9A-37	Edge modified flake	1
E20/S88	1		IIIc	9A-39	Microspur/microdenticulate	1
E20/S88	1		IIIc	9A-36	Notched flake	1
E20/S88	1		IIIc	9A-12	Projectile point fragment	1
E20/S88	1		IIIc	9A-23	Projectile point fragment	1
E20/S88	1		IIIc	9A-6	Projectile point, Ensor	1
E20/S88	1		IIIc	9A-7	Projectile point, Frio	1
E20/S88	1		IIIc	9A-8	Projectile point, Frio	1
E20/S88	1		IIIc	9A-17	Spurred flake	1
E20/S88	1		IIIc	9A-31	Unifacial multiple tool	1
E20/S88	2	BRM 1	IIIc	9B-5	Arrow point, preform	1
E20/S88	2	BRM 1	IIIc	9B-7	Arrow point, Scallorn	1
E20/S88	2	BRM 1	IIIc	9B-8	Arrow point, Scallorn	1
E20/S88	2	BRM 1	IIIc	9B-9	Arrow point, Scallorn	1
E20/S88	2	BRM 1	IIIc	9B-1	Arrow point, Scallorn	1
E20/S88	2	BRM 1	IIIc	9B-6	Arrow point, stemmed	1
E20/S88	2	BRM 1	IIIc	9B-14	Biface Stage 1	1
E20/S88	2	BRM 1	IIIc	9B-10	Biface Stage 1	1
E20/S88	2	BRM 1	IIIc	9B-16	Biface Stage 2	1
E20/S88	2	BRM 1	IIIc	9B-12	Biface Stage 2	1
E20/S88	2	BRM 1	IIIc	9B-13	Biface Stage 3	1
E20/S88	2	BRM 1	IIIc	9B-20	Bifacial tool Form A	1
E20/S88	2	BRM 1	IIIc	9B-11	Bifacial tool Form A	1
E20/S88	2	BRM 1	IIIc	9B-15	Bifacial tool Form B	1
E20/S88	2	BRM 1	IIIc	9B-23	Chert cobble, chunk	1
E20/S88	2	BRM 1	IIIc		Debitage	524
E20/S88	2	BRM 1	IIIc	9B-24	Possible ground stone	1
E20/S88	2	BRM 1	IIIc	9B-25	Possible ground stone	1
E20/S88	2	BRM 1	IIIc	9B-17	Projectile point fragment	1
E20/S88	2	BRM 1	IIIc	9B-19	Projectile point fragment	1
E20/S88	2	BRM 1	IIIc	9B-18	Projectile point fragment	1
E20/S88	2	BRM 1	IIIc	9B-3	Projectile point, Darl	1
E20/S88	2	BRM 1	IIIc	9B-2	Projectile point, Darl	1
E20/S88	2	BRM 1	IIIc	9B-4	Projectile point, Ensor	1
E20/S88	3	BRM 1	IIIc	9C-7	Biface fragment	1
E20/S88	3	BRM 1	IIIc	9C-8	Biface Stage 2	1
E20/S88	3	BRM 1	IIIc	9C-6	Biface Stage 3	1
E20/S88	3	BRM 1	IIIc	9C-17	Burin spall	1
E20/S88	3	BRM 1	IIIc		Debitage	668
E20/S88	3	BRM 1	IIIc	9C-10	Denticulated flake	1
E20/S88	3	BRM 1	IIIc	9C-14	Denticulated flake	1
E20/S88	3	BRM 1	IIIc	9C-9	Denticulated flake	1
E20/S88	3	BRM 1	IIIc	9C-16	Edge modified flake	1
E20/S88	3	BRM 1	IIIc	9C-18	Edge modified flake	1
E20/S88	3	BRM 1	IIIc	9C-19	Edge modified flake	1
E20/S88	3	BRM 1	IIIc	9C-12	Edge modified flake	1
E20/S88	3	BRM 1	IIIc	9C-4	Mano	1
E20/S88	3	BRM 1	IIIc	9C-25	Micro-core, small	1
E20/S88	3	BRM 1	IIIc	9C-5	Projectile point fragment	1
E20/S88	3	BRM 1	IIIc	9C-1	Projectile point, Darl	1
E20/S88	3	BRM 1	IIIc	9C-2	Projectile point, Darl	1
E20/S88	3	BRM 1	IIIc	9C-3	Projectile point, Ensor	1
E20/S88	3	BRM 1	IIIc	9C-11	Thin uniface fragment	1
E20/S88	3	BRM 1	IIIc	9C-15	Unifacial multiple tool	1
E20/S88	4	BRM 1	IIIc		Debitage	144
E20/S88	4	BRM 1	IIIc	9D-3	Edge modified flake	1
E20/S88	4	BRM 1	IIIc	9D-1	Projectile point, Ensor	1
E20/S88	4	BRM 1	IIIc	9D-2	Thin uniface	1
E20/S88	5	BRM 1	IIIc	9E-1	Biface Stage 3	1
E20/S88	5	BRM 1	IIIc	9E-17	Burin	1
E20/S88	5	BRM 1	IIIc	9E-2	Core, thermal	1
E20/S88	5	BRM 1	IIIc		Debitage	240
E20/S88	5	BRM 1	IIIc	9E-7	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-12	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-13	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-14	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-16	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-18	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-10	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S88	5	BRM 1	IIIc	9E-6	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-19	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-9	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-3	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-5	Edge modified flake	1
E20/S88	5	BRM 1	IIIc	9E-4	Micro-core, small	1
E20/S88	6	BRM 1	IIIc	9F-4	Bifacial tool Form A	1
E20/S88	6	BRM 1	IIIc	9F-3	Chert cobble, unmodified/tested	1
E20/S88	6	BRM 1	IIIc	9F-5	Core tool, type 2	1
E20/S88	6	BRM 1	IIIc		Debitage	121
E20/S88	6	BRM 1	IIIc	9F-1	Projectile point, Bulverde-like	1
E20/S88	6	BRM 1	IIIc	9F-6	Projectile point, indeterminate	1
E20/S88	6	BRM 1	IIIc	9F-2	Projectile point, Nolan	1
E20/S88	7	BRM 1	IIIc	9G-4	Biface fragment	1
E20/S88	7	BRM 1	IIIc		Debitage	207
E20/S88	7	BRM 1	IIIc	9G-3	Edge modified flake	1
E20/S88	7	BRM 1	IIIc	9G-2	Edge modified flake	1
E20/S88	7	BRM 1	IIIc	9G-1	Projectile point, Marcos	1
E20/S88	8	BRM 1	IIIc	9H-2	Biface Stage 2	1
E20/S88	8	BRM 1	IIIc	9H-1	Bifacial tool Form H	1
E20/S88	8	BRM 1	IIIc	9H-3	Burin	1
E20/S88	8	BRM 1	IIIc		Debitage	253
E20/S88	8	BRM 1	IIIc	9H-7	Edge modified flake	1
E20/S88	8	BRM 1	IIIc	9H-5	Edge modified flake	1
E20/S88	8	BRM 1	IIIc	9H-4	Edge modified flake	1
E20/S88	8	BRM 1	IIIc	9H-8	Thin uniface	1
E20/S88	8	BRM 1	IIIc	9H-6	Unifacial multiple tool	1
E20/S88	9	BRM 1	Y/IIIc	9I-7	Biface Stage 2	1
E20/S88	9	BRM 1	Y/IIIc	9I-6	Biface Stage 2	1
E20/S88	9	BRM 1	Y/IIIc	9I-5	Biface Stage 2	1
E20/S88	9	BRM 1	Y/IIIc	9I-4	Biface Stage 2	1
E20/S88	9	BRM 1	Y/IIIc	9I-3	Biface Stage 2	1
E20/S88	9	BRM 1	Y/IIIc		Debitage	283
E20/S88	9	BRM 1	Y/IIIc	9I-12	Denticulated flake	1
E20/S88	9	BRM 1	Y/IIIc	9I-9	Edge modified flake	1
E20/S88	9	BRM 1	Y/IIIc	9I-8	Edge modified flake	1
E20/S88	9	BRM 1	Y/IIIc	9I-1	Projectile point, expanding stem B	1
E20/S88	9	BRM 1	Y/IIIc	9I-2	Projectile point, miscellaneous expanding stem	1
E20/S88	9	BRM 1	Y/IIIc	9I-13	Thin uniface	1
E20/S88	9	BRM 1	Y/IIIc	9I-10	Unifacial multiple tool	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-8	Biface fragment	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-4	Biface fragment	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-3	Biface fragment	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-5	Biface Stage 3	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-7	Clear Fork uniface	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-6	Core, thermal	1
E20/S88	10	BRM 1	Y/IIIb/c		Debitage	449
E20/S88	10	BRM 1	Y/IIIb/c	9J-2	Projectile point, expanding concave C	1
E20/S88	10	BRM 1	Y/IIIb/c	9J-1	Projectile point, Marshall	1
E20/S88	11		Y/IIIb	9K-3	Burin spall	1
E20/S88	11		Y/IIIb	9K-2	Burin spall	1
E20/S88	11		Y/IIIb		Debitage	302
E20/S88	11		Y/IIIb	9K-9	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-11	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-7	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-6	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-5	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-12	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-8	Edge modified flake	1
E20/S88	11		Y/IIIb	9K-4	Perforator Group 7	1
E20/S88	11		Y/IIIb	9K-1	Projectile point, Thrall	1
E20/S88	12		X/Y/IIIb	9L-1	Biface Stage 1	1
E20/S88	12		X/Y/IIIb	9L-2	Clear Fork uniface	1
E20/S88	12		X/Y/IIIb		Debitage	51
E20/S88	12		X/Y/IIIb	9L-3	Microspur/microdenticulate	1
E20/S88	12	Feature 8	X/Y/IIIb	9L-5	Biface fragment	1
E20/S88	12	Feature 8	X/Y/IIIb	9L-6	Biface Stage 1	1
E20/S88	12	Feature 8	X/Y/IIIb	9L-4	Biface Stage 2	1
E20/S88	12	Feature 8	X/Y/IIIb		Debitage	276
E20/S88	12	Feature 8	X/Y/IIIb	9L-7	Edge modified flake	1
E20/S88	12	Feature 8	X/Y/IIIb	9L-8	Edge modified flake	1
E20/S88	13	Feature 8	X/IIIb	9M-5	Biface fragment	1
E20/S88	13	Feature 8	X/IIIb	9M-3	Biface Stage 1	1
E20/S88	13	Feature 8	X/IIIb	9M-2	Clear Fork uniface	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S88	13	Feature 8	X/IIIb		Debitage	620
E20/S88	13	Feature 8	X/IIIb	9M-4	Edge modified flake	1
E20/S88	13	Feature 8	X/IIIb	9M-1	Projectile point, miscellaneous bifurcate	1
E20/S88	14		X	9N-4	Biface Stage 1	1
E20/S88	14		X		Debitage	466
E20/S88	14		X	9N-5	Edge modified flake	1
E20/S88	14		X	9N-1	Projectile point, bifurcate stem fragment	1
E20/S88	14		X	9N-2	Projectile point, Hoxie A	1
E20/S88	14		X	9N-6	Thin uniface fragment	1
E20/S88	14	Feature 12	X	9N-3	Mano fragment	1
E20/S88	15		X	9O-5	Biface fragment	1
E20/S88	15		X	9O-4	Biface Stage 3	1
E20/S88	15		X	9O-7	Core, thermal	1
E20/S88	15		X		Debitage	563
E20/S88	15		X	9O-6	Edge modified flake	1
E20/S88	15		X	9O-1	Projectile point, Baker	1
E20/S88	15		X	9O-3	Projectile point, Golondrina-Barber	1
E20/S88	15		X	9O-2	Projectile point, Uvalde-like	1
E20/S88	16		X	9P-1	Battered cobble	1
E20/S88	16		X	9P-3	Biface fragment	1
E20/S88	16		X	9P-2	Biface Stage 1	1
E20/S88	16		X		Debitage	785
E20/S88	16		X	9P-7	Edge modified flake	1
E20/S88	16		X	9P-12	Edge modified flake	1
E20/S88	16		X	9P-4	Projectile point fragment	1
E20/S88	16		X	9P-5	Projectile point, bifurcate stem fragment	1
E20/S88	16		X	9P-10	Retouched blade	1
E20/S88	16		X	9P-8	Thin uniface	1
E20/S88	16		X	9P-11	Thin uniface fragment	1
E20/S88	16		X	9P-9	Unifacial multiple tool	1
E20/S88	16		X	9P-6	Unifacial multiple tool	1
E20/S88	17		X	9Q-1	Biface Stage 3	1
E20/S88	17		X		Debitage	494
E20/S88	18		X	9R-13	Biface fragment	1
E20/S88	18		X	9R-5	Biface fragment	1
E20/S88	18		X	9R-12	Biface Stage 1	1
E20/S88	18		X	9R-7	Biface Stage 2	1
E20/S88	18		X	9R-1	Biface Stage 2	1
E20/S88	18		X	9R-9	Biface Stage 3	1
E20/S88	18		X	9R-2	Bifacial tool Form A	1
E20/S88	18		X	9R-3	Bifacial tool Form E	1
E20/S88	18		X	9R-4	Burin spall	1
E20/S88	18		X		Debitage	366
E20/S88	18		X	9R-11	Edge modified flake	1
E20/S88	18		X	9R-6	Edge modified flake	1
E20/S88	18		X	9R-8	Edge modified flake	1
E20/S88	18		X	9R-10	Thin uniface fragment	1
E20/S88	19		X		Debitage	199
E20/S88	19		X	9S-1	Edge modified flake	1
E20/S88	20		X		Debitage	173
E20/S88	20		X	9T-4	Denticulated flake	1
E20/S88	20		X	9T-3	Edge modified flake	1
E20/S88	20		X	9T-2	Grinding basin	1
E20/S88	20		X	9T-1	Projectile point, Hoxie	1
E20/S88	20		X	9T-5	Thin uniface	1
E20/S88	20		X	9T-6	Thin uniface	1
E20/S88	21		X	9U-3	Biface Stage 2	1
E20/S88	21		X	9U-2	Burin	1
E20/S88	21		X		Debitage	156
E20/S88	21		X	9U-1	Projectile point, early bifurcate stem preform	1
E20/S88	22		X	9V-3	Biface fragment	1
E20/S88	22		X	9V-2	Biface Stage 1	1
E20/S88	22		X	9V-4	Chert cobble, chunk	1
E20/S88	22		X		Debitage	161
E20/S88	22		X	9V-1	Projectile point, Wilson	1
E20/S90	1		IIIc	8A-6	Arrow point, medial	1
E20/S90	1		IIIc	8A-3	Arrow point, Scallorn	1
E20/S90	1		IIIc	8A-2	Arrow point, Scallorn	1
E20/S90	1		IIIc	8A-1	Arrow point, Scallorn	1
E20/S90	1		IIIc	8A-5	Arrow point, Scallorn	1
E20/S90	1		IIIc	8A-4	Arrow point, Scallorn	1
E20/S90	1		IIIc	8A-12	Biface fragment	1
E20/S90	1		IIIc	8A-8	Biface fragment	1
E20/S90	1		IIIc	8A-10	Biface Stage 1	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S90	1		IIIc	8A-21	Biface Stage 2	1
E20/S90	1		IIIc	8A-11	Biface Stage 2	1
E20/S90	1		IIIc	8A-17	Biface Stage 3	1
E20/S90	1		IIIc	8A-14	Biface Stage 3	1
E20/S90	1		IIIc	8A-19	Biface Stage 3	1
E20/S90	1		IIIc	8A-16	Bifacial tool	1
E20/S90	1		IIIc	8A-7	Bifacial tool Form A	1
E20/S90	1		IIIc	8A-32	Burin spall	1
E20/S90	1		IIIc	8A-47	Burin spall	1
E20/S90	1		IIIc		Debitage	1369
E20/S90	1		IIIc	8A-38	Denticulated flake	1
E20/S90	1		IIIc	8A-29	Edge modified flake	1
E20/S90	1		IIIc	8A-31	Edge modified flake	1
E20/S90	1		IIIc	8A-39	Edge modified flake	1
E20/S90	1		IIIc	8A-37	Edge modified flake	1
E20/S90	1		IIIc	8A-36	Edge modified flake	1
E20/S90	1		IIIc	8A-42	Edge modified flake	1
E20/S90	1		IIIc	8A-23	Edge modified flake	1
E20/S90	1		IIIc	8A-34	Edge modified flake	1
E20/S90	1		IIIc	8A-44	Notched flake	1
E20/S90	1		IIIc	8A-40	Notched flake	1
E20/S90	1		IIIc	8A-25	Notched flake	1
E20/S90	1		IIIc	8A-33	Notched flake	1
E20/S90	1		IIIc	8A-43	Notched flake	1
E20/S90	1		IIIc	8A-20	Projectile point fragment	1
E20/S90	1		IIIc	8A-18	Projectile point fragment	1
E20/S90	1		IIIc	8A-15	Projectile point fragment	1
E20/S90	1		IIIc	8A-9	Projectile point fragment	1
E20/S90	1		IIIc	8A-27	Spurred flake	1
E20/S90	1		IIIc	8A-48	Thin uniface fragment	1
E20/S90	1		IIIc	8A-41	Thin uniface fragment	1
E20/S90	1		IIIc	8A-24	Thin uniface fragment	1
E20/S90	1		IIIc	8A-35	Unifacial multiple tool	1
E20/S90	2	BRM 1	IIIc	8B-2	Arrow point, Scallorn	1
E20/S90	2	BRM 1	IIIc	8B-3	Arrow point, Scallorn	1
E20/S90	2	BRM 1	IIIc	8B-4	Arrow point, stemmed	1
E20/S90	2	BRM 1	IIIc	8B-1	Arrow point, stemmed	1
E20/S90	2	BRM 1	IIIc	8B-6	Arrow point, tip	1
E20/S90	2	BRM 1	IIIc	8B-5	Arrow point, tip	1
E20/S90	2	BRM 1	IIIc	8B-41	Biface fragment	1
E20/S90	2	BRM 1	IIIc	8B-24	Biface fragment	1
E20/S90	2	BRM 1	IIIc	8B-36	Biface fragment	1
E20/S90	2	BRM 1	IIIc	8B-27	Biface fragment	1
E20/S90	2	BRM 1	IIIc	8B-26	Biface fragment	1
E20/S90	2	BRM 1	IIIc	8B-16	Biface fragment	1
E20/S90	2	BRM 1	IIIc	8B-19	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-15	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-20	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-21	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-23	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-22	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-17	Biface Stage 2	1
E20/S90	2	BRM 1	IIIc	8B-30	Biface Stage 3	1
E20/S90	2	BRM 1	IIIc	8B-25	Bifacial tool Form A	1
E20/S90	2	BRM 1	IIIc	8B-42	Bifacial tool Form J	1
E20/S90	2	BRM 1	IIIc	8B-28	Burin	1
E20/S90	2	BRM 1	IIIc		Debitage	1412
E20/S90	2	BRM 1	IIIc	8B-32	Edge modified flake	1
E20/S90	2	BRM 1	IIIc	8B-31	Edge modified flake	1
E20/S90	2	BRM 1	IIIc	8B-33	Edge modified flake	1
E20/S90	2	BRM 1	IIIc	8B-12	Mano fragment	1
E20/S90	2	BRM 1	IIIc	8B-35	Notched flake	1
E20/S90	2	BRM 1	IIIc	8B-11	Perforator Group 3	1
E20/S90	2	BRM 1	IIIc	8B-29	Projectile point fragment	1
E20/S90	2	BRM 1	IIIc	8B-14	Projectile point fragment	1
E20/S90	2	BRM 1	IIIc	8B-7	Projectile point, Darl	1
E20/S90	2	BRM 1	IIIc	8B-9	Projectile point, Ensor	1
E20/S90	2	BRM 1	IIIc	8B-10	Projectile point, indeterminate	1
E20/S90	2	BRM 1	IIIc	8B-18	Projectile point, indeterminate	1
E20/S90	2	BRM 1	IIIc	8B-8	Projectile point, indeterminate	1
E20/S90	2	BRM 1	IIIc	8B-39	Thin uniface	1
E20/S90	2	BRM 1	IIIc	8B-40	Unifacial multiple tool	1
E20/S90	3	BRM 1	IIIc	8C-2	Arrow point, preform	1
E20/S90	3	BRM 1	IIIc	8C-3	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S90	3	BRM 1	IIIc	8C-1	Biface Stage 3	1
E20/S90	3	BRM 1	IIIc	8C-4	Burin spall	1
E20/S90	3	BRM 1	IIIc		Debitage	459
E20/S90	3	BRM 1	IIIc	8C-5	Edge modified flake	1
E20/S90	3	BRM 1	IIIc	8C-6	Edge modified flake	1
E20/S90	3	BRM 1	IIIc	8C-7	Thin uniface fragment	1
E20/S90	4	BRM 1	IIIc	8D-1	Biface Stage 1	1
E20/S90	4	BRM 1	IIIc	8D-2	Biface Stage 1	1
E20/S90	4	BRM 1	IIIc	8D-4	Burin	1
E20/S90	4	BRM 1	IIIc		Debitage	251
E20/S90	4	BRM 1	IIIc	8D-7	Edge modified flake	1
E20/S90	4	BRM 1	IIIc	8D-8	Micro-core, large	1
E20/S90	4	BRM 1	IIIc	8D-3	Projectile point fragment	1
E20/S90	4	BRM 1	IIIc	8D-6	Thin uniface	1
E20/S90	4	BRM 1	IIIc	8D-5	Thin uniface	1
E20/S90	5	BRM 1	IIIc	8E-3	Biface fragment	1
E20/S90	5	BRM 1	IIIc	8E-1	Biface Stage 3	1
E20/S90	5	BRM 1	IIIc		Debitage	206
E20/S90	5	BRM 1	IIIc	8E-7	Denticulated flake	1
E20/S90	5	BRM 1	IIIc	8E-2	Edge modified flake	1
E20/S90	5	BRM 1	IIIc	8E-6	Edge modified flake	1
E20/S90	5	BRM 1	IIIc	8E-4	Notched flake	1
E20/S90	5	BRM 1	IIIc	8E-5	Notched flake	1
E20/S90	6	BRM 1	IIIc	8F-2	Biface Stage 2	1
E20/S90	6	BRM 1	IIIc	8F-1	Biface Stage 2	1
E20/S90	6	BRM 1	IIIc	8F-4	Biface Stage 3	1
E20/S90	6	BRM 1	IIIc		Debitage	158
E20/S90	6	BRM 1	IIIc	8F-6	Edge modified flake	1
E20/S90	6	BRM 1	IIIc	8F-9	Edge modified flake	1
E20/S90	6	BRM 1	IIIc	8F-5	Edge modified flake	1
E20/S90	6	BRM 1	IIIc	8F-7	Microspur/microdenticulate	1
E20/S90	6	BRM 1	IIIc	8F-3	Projectile point, Travis	1
E20/S90	6	BRM 1	IIIc	8F-8	Thin uniface	1
E20/S90	7	BRM 1	IIIc		Debitage	253
E20/S90	7	BRM 1	IIIc	8G-3	Edge modified flake	1
E20/S90	7	BRM 1	IIIc	8G-4	Edge modified flake	1
E20/S90	7	BRM 1	IIIc	8G-2	Notched flake	1
E20/S90	8	BRM 1	IIIc	8H-2	Biface fragment	1
E20/S90	8	BRM 1	IIIc	8H-1	Burin	1
E20/S90	8	BRM 1	IIIc		Debitage	170
E20/S90	8	BRM 1	IIIc	8H-3	Projectile point, miscellaneous bifurcate	1
E20/S90	9		Y/IIIc	8I-4	Bifacial tool Form A	1
E20/S90	9	BRM 1	Y/IIIc	8I-7	Biface fragment	1
E20/S90	9	BRM 1	Y/IIIc	8I-8	Biface Stage 2	1
E20/S90	9	BRM 1	Y/IIIc	8I-6	Biface Stage 3	1
E20/S90	9	BRM 1	Y/IIIc	8I-4	Bifacial tool Form A	1
E20/S90	9	BRM 1	Y/IIIc		Debitage	324
E20/S90	9	BRM 1	Y/IIIc	8I-14	Edge modified flake	1
E20/S90	9	BRM 1	Y/IIIc	8I-13	Edge modified flake	1
E20/S90	9	BRM 1	Y/IIIc	8I-12	Edge modified flake	1
E20/S90	9	BRM 1	Y/IIIc	8I-10	Edge modified flake	1
E20/S90	9	BRM 1	Y/IIIc	8I-9	Edge modified flake	1
E20/S90	9	BRM 1	Y/IIIc	8I-16	Perforator Group 7	1
E20/S90	9	BRM 1	Y/IIIc	8I-1	Projectile point, bifurcate stem fragment	1
E20/S90	9	BRM 1	Y/IIIc	8I-2	Projectile point, Martindale A	1
E20/S90	9	BRM 1	Y/IIIc	8I-17	Small core hammerstone	1
E20/S90	9	BRM 1	Y/IIIc	8I-11	Thin uniface fragment	1
E20/S90	10	BRM 1	Y/IIIc	8J-7	Biface Stage 2	1
E20/S90	10	BRM 1	Y/IIIc	8J-11	Bifacial tool Form A	1
E20/S90	10	BRM 1	Y/IIIc	8J-9	Bifacial tool Form E	1
E20/S90	10	BRM 1	Y/IIIc		Debitage	486
E20/S90	10	BRM 1	Y/IIIc	8J-5	Edge modified flake	1
E20/S90	10	BRM 1	Y/IIIc	8J-10	Edge modified flake	1
E20/S90	10	BRM 1	Y/IIIc	8J-6	Edge modified flake	1
E20/S90	10	BRM 1	Y/IIIc	8J-3	Projectile point, bifurcate stem fragment	1
E20/S90	10	BRM 1	Y/IIIc	8J-2	Projectile point, expanding concave D	1
E20/S90	10	BRM 1	Y/IIIc	8J-4	Projectile point, Gower/Uvalde	1
E20/S90	10	BRM 1	Y/IIIc	8J-1	Projectile point, Marcos	1
E20/S90	10	BRM 1	Y/IIIc	8J-8	Projectile point, miscellaneous expanding stem	1
E20/S90	11		Y	8K-4	Biface fragment	1
E20/S90	11		Y	8K-10	Biface fragment	1
E20/S90	11		Y	8K-11	Biface fragment	1
E20/S90	11		Y	8K-5	Biface Stage 1	1
E20/S90	11		Y	8K-3	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S90	11		Y	8K-6	Biface Stage 2	1
E20/S90	11		Y	8K-14	Burin	1
E20/S90	11		Y	8K-9	Burin spall	1
E20/S90	11		Y	8K-18	Burin spall	1
E20/S90	11		Y		Debitage	568
E20/S90	11		Y	8K-16	Edge modified flake	1
E20/S90	11		Y	8K-17	Edge modified flake	1
E20/S90	11		Y	8K-12	Edge modified flake	1
E20/S90	11		Y	8K-7	Piece esquillee	1
E20/S90	11		Y	8K-8	Projectile point fragment	1
E20/S90	11		Y	8K-2	Projectile point, Martindale A	1
E20/S90	11		Y	8K-1	Projectile point, Thrall	1
E20/S90	11		Y	8K-13	Thin uniface	1
E20/S90	12		X/Y	8L-1	Biface fragment	1
E20/S90	12		X/Y		Debitage	149
E20/S90	12		X/Y	8L-2	Edge modified flake	1
E20/S90	12	Feature 8	X/Y		Debitage	199
E20/S90	12	Feature 8	X/Y	8L-7	Edge modified flake	1
E20/S90	12	Feature 8	X/Y	8L-6	Microspur/microdenticulate	1
E20/S90	12	Feature 8	X/Y	8L-3	Projectile point fragment	1
E20/S90	12	Feature 8	X/Y	8L-5	Spurred flake	1
E20/S90	12	Feature 8	X/Y	8L-4	Thin uniface fragment	1
E20/S90	12	Feature 8	X/Y	8L-8	Unifacial multiple tool	1
E20/S90	13		X/Y	8M-2	Biface fragment	1
E20/S90	13		X/Y	8M-3	Burin spall	1
E20/S90	13		X/Y		Debitage	711
E20/S90	13		X/Y	8M-6	Edge modified flake	1
E20/S90	13		X/Y	8M-10	Edge modified flake	1
E20/S90	13		X/Y	8M-8	Edge modified flake	1
E20/S90	13		X/Y	8M-15	Edge modified flake	1
E20/S90	13		X/Y	8M-14	Edge modified flake	1
E20/S90	13		X/Y	8M-13	Edge modified flake	1
E20/S90	13		X/Y	8M-11	Edge modified flake	1
E20/S90	13		X/Y	8M-12	Edge modified flake	1
E20/S90	13		X/Y	8M-5	Projectile point, bifurcate stem fragment	1
E20/S90	13		X/Y	8M-1	Projectile point, expanding concave B	1
E20/S90	13		X/Y	8M-4	Projectile point, expanding stem C	1
E20/S90	14		X		Debitage	520
E20/S90	14		X	8N-2	Edge modified flake	1
E20/S90	14		X	8N-1	Projectile point, Jetta	1
E20/S90	14		X	8N-3	Thin uniface	1
E20/S90	15		X	8O-2	Biface Stage 2	1
E20/S90	15		X		Debitage	670
E20/S90	15		X	8O-5	Edge modified flake	1
E20/S90	15		X	8O-3	Micro-core, intermediate	1
E20/S90	15		X	8O-1	Projectile point, Jetta	1
E20/S90	15		X	8O-6	Thin uniface	1
E20/S90	15		X	8O-4	Thin uniface	1
E20/S90	15	Feature 19/104	X		Debitage	87
E20/S90	15	Feature 19/104	X	8O-9	Thin uniface	1
E20/S90	16	Feature 17	X	8P-2	Burin	1
E20/S90	16	Feature 17	X		Debitage	547
E20/S90	16	Feature 17	X	8P-4	Edge modified flake	1
E20/S90	16	Feature 17	X	8P-3	Edge modified flake	1
E20/S90	16	Feature 17	X	8P-1	Projectile point, Thrall	1
E20/S90	17		X	8Q-1	Biface Stage 3	1
E20/S90	17		X	8Q-2	Burin spall	1
E20/S90	17		X	8Q-3	Burin spall	1
E20/S90	17		X		Debitage	406
E20/S90	18		X	8R-3	Biface Stage 1	1
E20/S90	18		X	8R-1	Biface Stage 2	1
E20/S90	18		X	8R-4	Burin spall	1
E20/S90	18		X	8R-2	Core tool, type 4	1
E20/S90	18		X		Debitage	306
E20/S90	18		X	8R-5	Thin uniface	1
E20/S90	19		X		Debitage	155
E20/S92	1		IIIc (pot)	7A-3	Arrow point, Scallorn	1
E20/S92	1		IIIc (pot)	7A-2	Arrow point, Scallorn	1
E20/S92	1		IIIc (pot)	7A-5	Arrow point, Scallorn	1
E20/S92	1		IIIc (pot)	7A-6	Arrow point, stemmed	1
E20/S92	1		IIIc (pot)	7A-1	Arrow point, stemmed	1
E20/S92	1		IIIc (pot)	7A-7	Arrow point, tip	1
E20/S92	1		IIIc (pot)	7A-15	Biface fragment	1
E20/S92	1		IIIc (pot)	7A-18	Biface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S92	1		IIIc (pot)	7A-17	Biface Stage 1	1
E20/S92	1		IIIc (pot)	7A-14	Biface Stage 2	1
E20/S92	1		IIIc (pot)	7A-13	Biface Stage 2	1
E20/S92	1		IIIc (pot)	7A-16	Biface Stage 2	1
E20/S92	1		IIIc (pot)		Debitage	868
E20/S92	1		IIIc (pot)	7A-19	Large core hammerstone	1
E20/S92	1		IIIc (pot)	7A-9	Projectile point fragment	1
E20/S92	1		IIIc (pot)	7A-4	Projectile point fragment	1
E20/S92	1		IIIc (pot)	7A-8	Projectile point fragment	1
E20/S92	1		IIIc (pot)	7A-12	Projectile point, Darl	1
E20/S92	1		IIIc (pot)	7A-11	Projectile point, Ensor	1
E20/S92	1		IIIc (pot)	7A-10	Projectile point, Ensor/Fairland	1
E20/S92	1		IIIc (pot)	7A-21	Thin uniface	1
E20/S92	1		IIIc (pot)	7A-23	Thin uniface	1
E20/S92	1		IIIc (pot)	7A-22	Thin uniface	1
E20/S92	1		IIIc (pot)	7A-20	Thin uniface	1
E20/S92	2	BRM 1	IIIc (pot)	7B-3	Biface Stage 2	1
E20/S92	2	BRM 1	IIIc (pot)	7B-6	Biface Stage 2	1
E20/S92	2	BRM 1	IIIc (pot)	7B-1	Biface Stage 2	1
E20/S92	2	BRM 1	IIIc (pot)	7B-2	Biface Stage 2	1
E20/S92	2	BRM 1	IIIc (pot)		Debitage	278
E20/S92	2	BRM 1	IIIc (pot)	7B-12	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-15	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-10	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-13	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-14	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-4	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-7	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-11	Edge modified flake	1
E20/S92	2	BRM 1	IIIc (pot)	7B-5	Thin uniface	1
E20/S92	2	BRM 1	IIIc (pot)	7B-8	Unifacial multiple tool	1
E20/S92	2	BRM 1	IIIc (pot)	7B-9	Unifacial multiple tool	1
E20/S92	3	BRM 1	IIIc (pot)	7C-2	Biface Stage 2	1
E20/S92	3	BRM 1	IIIc (pot)	7C-3	Biface Stage 3	1
E20/S92	3	BRM 1	IIIc (pot)	7C-4	Bifacial tool Form A	1
E20/S92	3	BRM 1	IIIc (pot)		Debitage	188
E20/S92	3	BRM 1	IIIc (pot)	7C-6	Edge modified flake	1
E20/S92	3	BRM 1	IIIc (pot)	7C-1	Metate fragment	1
E20/S92	3	BRM 1	IIIc (pot)	7C-7	Projectile point fragment	1
E20/S92	3	BRM 1	IIIc (pot)	7C-5	Projectile point, miscellaneous expanding stem	1
E20/S92	4	BRM 1	IIIc (pot)		Debitage	56
E20/S92	4	BRM 1	IIIc (pot)	7D-2	Edge modified flake	1
E20/S92	4	BRM 1	IIIc (pot)	7D-1	Thin uniface	1
E20/S92	5	BRM 1	IIIc (pot)		Debitage	24
E20/S92	5	BRM 1	IIIc (pot)	7E-1	Uniface, unanalyzed	1
E20/S92	6	BRM 1	IIIc (pot)	7F-9	Biface Stage 2	1
E20/S92	6	BRM 1	IIIc (pot)	7F-8	Burin spall	1
E20/S92	6	BRM 1	IIIc (pot)	7F-2	Clear Fork uniface	1
E20/S92	6	BRM 1	IIIc (pot)		Debitage	57
E20/S92	6	BRM 1	IIIc (pot)	7F-7	Edge modified flake	1
E20/S92	6	BRM 1	IIIc (pot)	7F-1	Projectile point, expanding concave B	1
E20/S92	6	BRM 1	IIIc (pot)	7F-11	Thin uniface	1
E20/S92	6	BRM 1	IIIc (pot)	7F-6	Thin uniface fragment	1
E20/S92	6	Burial 1	IIIc (pot)	7F-5	Metate fragment	1
E20/S92	7	BRM 1	IIIc		Debitage	82
E20/S92	7	BRM 1	IIIc	7G-4	Edge modified flake	1
E20/S92	7	BRM 1	IIIc	7G-3	Edge modified flake	1
E20/S92	7	BRM 1	IIIc	7G-1	Projectile point fragment	1
E20/S92	7	BRM 1	IIIc	7G-2	Projectile point, expanding concave C	1
E20/S92	8	BRM 1	IIIc	7H-3	Biface Stage 2	1
E20/S92	8	BRM 1	IIIc	7H-5	Biface Stage 3	1
E20/S92	8	BRM 1	IIIc	7H-4	Bifacial tool Form B	1
E20/S92	8	BRM 1	IIIc		Debitage	158
E20/S92	8	BRM 1	IIIc	7H-14	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-16	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-10	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-7	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-8	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-9	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-13	Edge modified flake	1
E20/S92	8	BRM 1	IIIc	7H-1	Projectile point, Marshall	1
E20/S92	8	BRM 1	IIIc	7H-2	Projectile point, Uvalde-like	1
E20/S92	8	BRM 1	IIIc	7H-6	Thin uniface fragment	1
E20/S92	9		Y/IIIc	7I-2	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S92	9		Y/IIIc	7I-3	Biface Stage 2	1
E20/S92	9		Y/IIIc	7I-4	Biface Stage 3	1
E20/S92	9		Y/IIIc		Debitage	205
E20/S92	9		Y/IIIc	7I-1	Projectile point, miscellaneous bifurcate	1
E20/S92	9		Y/IIIc	7I-5	Thin uniface	1
E20/S92	10		Y/IIIc	7J-3	Biface Stage 2	1
E20/S92	10		Y/IIIc	7J-5	Clear Fork biface	1
E20/S92	10		Y/IIIc	7J-4	Core fragment	1
E20/S92	10		Y/IIIc		Debitage	122
E20/S92	10		Y/IIIc	7J-1	Projectile point, expanding stem C	1
E20/S92	10		Y/IIIc	7J-2	Projectile point, Uvalde	1
E20/S92	10		Y/IIIc	7J-7	Thin uniface	1
E20/S92	11		Y	7K-3	Biface fragment	1
E20/S92	11		Y	7K-1	Biface fragment	1
E20/S92	11		Y	7K-2	Biface fragment	1
E20/S92	11		Y		Debitage	126
E20/S92	12		Y		Debitage	145
E20/S92	12		Y	7L-2	Edge modified flake	1
E20/S92	12		Y	7L-1	Projectile point, bifurcate stem fragment	1
E20/S92	13		Y	7M-5	Biface fragment	1
E20/S92	13		Y	7M-3	Biface Stage 2	1
E20/S92	13		Y	7M-2	Burin	1
E20/S92	13		Y	7M-4	Burin spall	1
E20/S92	13		Y		Debitage	186
E20/S92	13		Y	7M-7	Thin uniface fragment	1
E20/S92	13		Y	7M-8	Unifacial multiple tool	1
E20/S92	14		X/Y	7N-2	Core, thermal	1
E20/S92	14		X/Y		Debitage	128
E20/S92	14		X/Y	7N-9	Edge modified flake	1
E20/S92	14		X/Y	7N-10	Edge modified flake	1
E20/S92	14		X/Y	7N-6	Microspur/microdenticulate	1
E20/S92	14		X/Y	7N-11	Notched flake	1
E20/S92	14		X/Y	7N-3	Perforator Group 6	1
E20/S92	14		X/Y	7N-1	Projectile point, Thrall	1
E20/S92	14		X/Y	7N-8	Thin uniface	1
E20/S92	14		X/Y	7N-4	Unifacial multiple tool	1
E20/S92	15		X	7O-2	Burin	1
E20/S92	15		X		Debitage	111
E20/S92	15		X	7O-4	Edge modified flake	1
E20/S92	15		X	7O-6	Microspur/microdenticulate	1
E20/S92	15		X	7O-1	Projectile point, Angostura	1
E20/S92	16		X		Debitage	67
E20/S92	16		X	7P-3	Edge modified flake	1
E20/S92	16		X	7P-2	Microspur/microdenticulate	1
E20/S92	17		X		Debitage	23
E20/S92	17		X	7Q-2	Edge modified flake	1
E20/S92	17		X	7Q-1	Projectile point, St. Mary's Hall	1
E20/S92	18		X		Debitage	6
E20/S94	1		IIIc (pot)	6A-1	Arrow point, preform	1
E20/S94	1		IIIc (pot)	6A-2	Arrow point, preform	1
E20/S94	1		IIIc (pot)	6A-10	Arrow point, Scallorn	1
E20/S94	1		IIIc (pot)	6A-7	Arrow point, Scallorn	1
E20/S94	1		IIIc (pot)	6A-11	Arrow point, Scallorn	1
E20/S94	1		IIIc (pot)	6A-8	Arrow point, Scallorn	1
E20/S94	1		IIIc (pot)	6A-6	Arrow point, stemmed	1
E20/S94	1		IIIc (pot)	6A-9	Arrow point, stemmed	1
E20/S94	1		IIIc (pot)	6A-15	Biface Stage 2	1
E20/S94	1		IIIc (pot)	6A-16	Biface Stage 2	1
E20/S94	1		IIIc (pot)	6A-18	Biface Stage 2	1
E20/S94	1		IIIc (pot)	6A-5	Biface Stage 2	1
E20/S94	1		IIIc (pot)	6A-3	Biface Stage 2	1
E20/S94	1		IIIc (pot)	6A-4	Biface Stage 2	1
E20/S94	1		IIIc (pot)	6A-17	Biface Stage 3	1
E20/S94	1		IIIc (pot)	6A-33	Bifacial tool Form B	1
E20/S94	1		IIIc (pot)	6A-20	Burin	1
E20/S94	1		IIIc (pot)		Debitage	1410
E20/S94	1		IIIc (pot)	6A-32	Denticulated flake	1
E20/S94	1		IIIc (pot)	6A-25	Edge modified flake	1
E20/S94	1		IIIc (pot)	6A-29	Edge modified flake	1
E20/S94	1		IIIc (pot)	6A-21	Edge modified flake	1
E20/S94	1		IIIc (pot)	6A-28	Edge modified flake	1
E20/S94	1		IIIc (pot)	6A-24	Edge modified flake	1
E20/S94	1		IIIc (pot)	6A-27	Edge modified flake	1
E20/S94	1		IIIc (pot)	6A-26	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S94	1		IIIc (pot)	6A-19	Perforator Group 7	1
E20/S94	1		IIIc (pot)	6A-14	Projectile point fragment	1
E20/S94	1		IIIc (pot)	6A-13	Projectile point, Darl	1
E20/S94	1		IIIc (pot)	6A-12	Projectile point, Frio	1
E20/S94	1		IIIc (pot)	6A-31	Thin uniface	1
E20/S94	1		IIIc (pot)	6A-23	Thin uniface	1
E20/S94	1		IIIc (pot)	6A-22	Thin uniface	1
E20/S94	1		IIIc (pot)	6A-30	Unifacial multiple tool	1
E20/S94	2	BRM 1	IIIc (pot)	6B-2	Biface fragment	1
E20/S94	2	BRM 1	IIIc (pot)	6B-5	Biface Stage 2	1
E20/S94	2	BRM 1	IIIc (pot)	6B-7	Biface Stage 2	1
E20/S94	2	BRM 1	IIIc (pot)	6B-3	Biface Stage 2	1
E20/S94	2	BRM 1	IIIc (pot)	6B-4	Biface Stage 2	1
E20/S94	2	BRM 1	IIIc (pot)	6B-6	Biface Stage 3	1
E20/S94	2	BRM 1	IIIc (pot)	6B-1	Biface Stage 3	1
E20/S94	2	BRM 1	IIIc (pot)		Debitage	276
E20/S94	2	BRM 1	IIIc (pot)	6B-14	Edge modified flake	1
E20/S94	2	BRM 1	IIIc (pot)	6B-11	Edge modified flake	1
E20/S94	2	BRM 1	IIIc (pot)	6B-9	Projectile point, Nolan	1
E20/S94	2	BRM 1	IIIc (pot)	6B-16	Spurred flake	1
E20/S94	2	BRM 1	IIIc (pot)	6B-10	Thin uniface	1
E20/S94	2	BRM 1	IIIc (pot)	6B-12	Thin uniface	1
E20/S94	2	BRM 1	IIIc (pot)	6B-13	Thin uniface	1
E20/S94	2	BRM 1	IIIc (pot)	6B-15	Unifacial multiple tool	1
E20/S94	2	BRM 1	IIIc (pot)	6B-8	Unifacial multiple tool	1
E20/S94	3	BRM 1	IIIc (pot)	6C-2	Arrow point, Scallorn	1
E20/S94	3	BRM 1	IIIc (pot)		Debitage	231
E20/S94	3	BRM 1	IIIc (pot)	6C-4	Edge modified flake	1
E20/S94	3	BRM 1	IIIc (pot)	6C-7	Edge modified flake	1
E20/S94	3	BRM 1	IIIc (pot)	6C-8	Edge modified flake	1
E20/S94	3	BRM 1	IIIc (pot)	6C-10	Edge modified flake	1
E20/S94	3	BRM 1	IIIc (pot)	6C-3	Edge modified flake	1
E20/S94	3	BRM 1	IIIc (pot)	6C-5	Edge modified flake	1
E20/S94	3	BRM 1	IIIc (pot)	6C-1	Projectile point fragment	1
E20/S94	3	BRM 1	IIIc (pot)	6C-12	Retouched blade	1
E20/S94	3	BRM 1	IIIc (pot)	6C-9	Thin uniface	1
E20/S94	4	BRM 1	IIIc (pot)	6D-1	Biface fragment	1
E20/S94	4	BRM 1	IIIc (pot)	6D-2	Biface Stage 2	1
E20/S94	4	BRM 1	IIIc (pot)		Debitage	147
E20/S94	4	BRM 1	IIIc (pot)	6D-3	Edge modified flake	1
E20/S94	4	BRM 1	IIIc (pot)	6D-4	Thin uniface	1
E20/S94	5	BRM 1	IIIc	6E-1	Bifacial tool Form A	1
E20/S94	5	BRM 1	IIIc	6E-2	Burin spall	1
E20/S94	5	BRM 1	IIIc		Debitage	94
E20/S94	5	BRM 1	IIIc	6E-5	Denticulated flake	1
E20/S94	5	BRM 1	IIIc	6E-6	Edge modified flake	1
E20/S94	5	BRM 1	IIIc	6E-3	Edge modified flake	1
E20/S94	5	BRM 1	IIIc	6E-7	Microspur/microdenticulate	1
E20/S94	5	BRM 1	IIIc	6E-4	Perforator Group 7	1
E20/S94	6	BRM 1	IIIc	6F-3	Burin	1
E20/S94	6	BRM 1	IIIc		Debitage	145
E20/S94	6	BRM 1	IIIc	6F-2	Denticulated flake	1
E20/S94	6	BRM 1	IIIc	6F-4	Edge modified flake	1
E20/S94	6	BRM 1	IIIc	6F-1	Projectile point, Martindale A	1
E20/S94	6	BRM 1	IIIc	6F-5	Retouched blade	1
E20/S94	6	BRM 1	IIIc	6F-6	Thin uniface	1
E20/S94	7		IIIc		Debitage	86
E20/S94	7		IIIc	6G-3	Edge modified flake	1
E20/S94	7		IIIc	6G-4	Edge modified flake	1
E20/S94	7		IIIc	6G-6	Perforator Group 6	1
E20/S94	7		IIIc	6G-1	Projectile point, Hoxie/Gower	1
E20/S94	7		IIIc	6G-2	Projectile point, Uvalde	1
E20/S94	7		IIIc	6G-7	Retouched blade	1
E20/S94	7		IIIc	6G-5	Thin uniface	1
E20/S94	8		Y/IIIc	6H-3	Biface fragment	1
E20/S94	8		Y/IIIc	6H-2	Biface Stage 3	1
E20/S94	8		Y/IIIc	6H-15	Burin spall	1
E20/S94	8		Y/IIIc		Debitage	347
E20/S94	8		Y/IIIc	6H-12	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-16	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-4	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-19	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-18	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-7	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S94	8		Y/IIIc	6H-14	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-13	Edge modified flake	1
E20/S94	8		Y/IIIc	6H-1	Projectile point, miscellaneous bifurcate	1
E20/S94	8		Y/IIIc	6H-21	Thin uniface	1
E20/S94	8		Y/IIIc	6H-17	Thin uniface	1
E20/S94	8		Y/IIIc	6H-20	Thin uniface	1
E20/S94	9		Y/IIIc		Debitage	310
E20/S94	9		Y/IIIc	6I-2	Thin uniface	1
E20/S94	9		Y/IIIc	6I-3	Unifacial multiple tool	1
E20/S94	10		Y		Debitage	313
E20/S94	11		Y	6K-6	Biface fragment	1
E20/S94	11		Y	6K-5	Biface Stage 1	1
E20/S94	11		Y	6K-2	Biface Stage 2	1
E20/S94	11		Y	6K-1	Biface Stage 3	1
E20/S94	11		Y	6K-3	Burin spall	1
E20/S94	11		Y	6K-4	Burin spall	1
E20/S94	11		Y		Debitage	486
E20/S94	11		Y	6K-8	Edge modified flake	1
E20/S94	11		Y	6K-9	Edge modified flake	1
E20/S94	11	Feature 4	Y		Debitage	69
E20/S94	11	Feature 4	Y	6K-10	Projectile point, bifurcate stem fragment	1
E20/S94	11	Feature 4	Y	6K-11	Thin uniface	1
E20/S94	12	Feature 4	X/Y		Debitage	88
E20/S94	12	Feature 4	X/Y	6L-2	Edge modified flake	1
E20/S94	12	Feature 4	X/Y	6L-1	Unifacial multiple tool	1
E20/S94	13		X/Y		Debitage	365
E20/S94	13	Feature 6	X/Y	6M-1	Thin uniface	1
E20/S94	14		X/Y	6N-3	Biface fragment	1
E20/S94	14		X/Y	6N-2	Bifacial tool Form E	1
E20/S94	14		X/Y	6N-1	Core tool, type 1	1
E20/S94	14		X/Y		Debitage	231
E20/S94	15		X	6O-1	Burin	1
E20/S94	15		X	6O-4	Core fragment	1
E20/S94	15		X	6O-2	Core tool, type 5	1
E20/S94	15		X		Debitage	374
E20/S94	15		X	6O-8	Edge modified flake	1
E20/S94	15		X	6O-3	Micro-core, large	1
E20/S94	15		X	6O-7	Notched flake	1
E20/S94	15		X	6O-6	Thick uniface	1
E20/S94	15		X	6O-5	Thin uniface	1
E20/S94	16		X	6P-2	Biface fragment	1
E20/S94	16		X	6P-1	Burin	1
E20/S94	16		X	6P-5	Burin spall	1
E20/S94	16		X	6P-3	Core fragment	1
E20/S94	16		X		Debitage	207
E20/S94	16		X	6P-4	Edge modified flake	1
E20/S94	16		X	6P-6	Edge modified flake	1
E20/S94	16		X	6P-7	Edge modified flake	1
E20/S94	16		X	6P-10	Thin uniface	1
E20/S94	16		X	6P-12	Thin uniface fragment	1
E20/S94	16		X	6P-8	Uniface, unanalyzed	1
E20/S94	17		X	6Q-1	Burin spall	1
E20/S94	17		X	6Q-2	Burin spall	1
E20/S94	17		X		Debitage	306
E20/S94	18		X		Debitage	76
E20/S94	18		X	6R-2	Edge modified flake	1
E20/S96	1		IIIc (pot)	5A-1	Arrow point, Scallorn	1
E20/S96	1		IIIc (pot)	5A-2	Arrow point, stemmed	1
E20/S96	1		IIIc (pot)	5A-23	Arrow point, tip	1
E20/S96	1		IIIc (pot)	5A-11	Biface fragment	1
E20/S96	1		IIIc (pot)	5A-16	Biface Stage 2	1
E20/S96	1		IIIc (pot)	5A-9	Biface Stage 2	1
E20/S96	1		IIIc (pot)	5A-19	Biface Stage 3	1
E20/S96	1		IIIc (pot)	5A-15	Biface Stage 3	1
E20/S96	1		IIIc (pot)	5A-5	Biface Stage 3	1
E20/S96	1		IIIc (pot)	5A-34	Biface Stage 3	1
E20/S96	1		IIIc (pot)	5A-6	Biface Stage 3	1
E20/S96	1		IIIc (pot)	5A-10	Bifacial tool Form A	1
E20/S96	1		IIIc (pot)	5A-7	Bifacial tool Form B	1
E20/S96	1		IIIc (pot)	5A-12	Burin spall	1
E20/S96	1		IIIc (pot)		Debitage	1442
E20/S96	1		IIIc (pot)	5A-20	Edge modified flake	1
E20/S96	1		IIIc (pot)	5A-27	Edge modified flake	1
E20/S96	1		IIIc (pot)	5A-30	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S96	1		IIIc (pot)	5A-29	Microspur/microdenticulate	1
E20/S96	1		IIIc (pot)	5A-32	Microspur/microdenticulate	1
E20/S96	1		IIIc (pot)	5A-31	Notched flake	1
E20/S96	1		IIIc (pot)	5A-24	Perforator Group 7	1
E20/S96	1		IIIc (pot)	5A-14	Projectile point fragment	1
E20/S96	1		IIIc (pot)	5A-22	Projectile point fragment	1
E20/S96	1		IIIc (pot)	5A-17	Projectile point fragment	1
E20/S96	1		IIIc (pot)	5A-3	Projectile point, Fairland	1
E20/S96	1		IIIc (pot)	5A-4	Projectile point, Marshall	1
E20/S96	1		IIIc (pot)	5A-13	Projectile point, Nolan	1
E20/S96	1		IIIc (pot)	5A-25	Thin uniface	1
E20/S96	1		IIIc (pot)	5A-8	Unifacial multiple tool	1
E20/S96	1		IIIc (pot)	5A-26	Unifacial multiple tool	1
E20/S96	2	BRM 1	IIIc (pot)	5B-7	Biface Stage 2	1
E20/S96	2	BRM 1	IIIc (pot)	5B-6	Biface Stage 2	1
E20/S96	2	BRM 1	IIIc (pot)	5B-8	Clear Fork uniface	1
E20/S96	2	BRM 1	IIIc (pot)	5B-4	Core fragment	1
E20/S96	2	BRM 1	IIIc (pot)		Debitage	603
E20/S96	2	BRM 1	IIIc (pot)	5B-5	Edge modified flake	1
E20/S96	2	BRM 1	IIIc (pot)	5B-1	Projectile point, Darl	1
E20/S96	2	BRM 1	IIIc (pot)	5B-2	Projectile point, Ensor	1
E20/S96	2	BRM 1	IIIc (pot)	5B-3	Projectile point, miscellaneous bifurcate	1
E20/S96	2	BRM 1	IIIc (pot)	5B-9	Thin uniface	1
E20/S96	3	BRM 1	IIIc (pot)	5C-3	Biface fragment	1
E20/S96	3	BRM 1	IIIc (pot)	5C-4	Biface Stage 2	1
E20/S96	3	BRM 1	IIIc (pot)	5C-8	Core, thermal	1
E20/S96	3	BRM 1	IIIc (pot)		Debitage	86
E20/S96	3	BRM 1	IIIc (pot)	5C-2	Projectile point fragment	1
E20/S96	3	BRM 1	IIIc (pot)	5C-1	Projectile point, Ensor	1
E20/S96	3	BRM 1	IIIc (pot)	5C-6	Thin uniface	1
E20/S96	4	BRM 1	IIIc (pot)		Debitage	132
E20/S96	4	BRM 1	IIIc (pot)	5D-5	Edge modified flake	1
E20/S96	4	BRM 1	IIIc (pot)	5D-6	Edge modified flake	1
E20/S96	4	BRM 1	IIIc (pot)	5D-2	Projectile point, Ensor	1
E20/S96	4	BRM 1	IIIc (pot)	5D-1	Projectile point, Wells	1
E20/S96	4	BRM 1	IIIc (pot)	5D-3	Unifacial multiple tool	1
E20/S96	5	BRM 1	IIIc (pot)		Debitage	57
E20/S96	5	BRM 1	IIIc (pot)	5E-3	Edge modified flake	1
E20/S96	5	BRM 1	IIIc (pot)	5E-4	Edge modified flake	1
E20/S96	5	BRM 1	IIIc (pot)	5E-2	Projectile point, expanding stem B	1
E20/S96	5	BRM 1	IIIc (pot)	5E-1	Thin uniface	1
E20/S96	5	BRM 1	IIIc (pot)	5E-5	Thin uniface fragment	1
E20/S96	6		IIIc (pot)	5F-5	Biface Stage 2	1
E20/S96	6		IIIc (pot)	5F-2	Biface Stage 2	1
E20/S96	6		IIIc (pot)	5F-3	Biface Stage 2	1
E20/S96	6		IIIc (pot)	5F-4	Biface Stage 2	1
E20/S96	6		IIIc (pot)		Debitage	101
E20/S96	6		IIIc (pot)	5F-10	Edge modified flake	1
E20/S96	6		IIIc (pot)	5F-7	Edge modified flake	1
E20/S96	6		IIIc (pot)	5F-8	Edge modified flake	1
E20/S96	6		IIIc (pot)	5F-9	Edge modified flake	1
E20/S96	6		IIIc (pot)	5F-1	Possible ground stone	1
E20/S96	6		IIIc (pot)	5F-11	Thin uniface	1
E20/S96	7		IIIc	5G-3	Biface Stage 2	1
E20/S96	7		IIIc	5G-4	Biface Stage 2	1
E20/S96	7		IIIc	5G-8	Biface Stage 2	1
E20/S96	7		IIIc	5G-5	Burin	1
E20/S96	7		IIIc		Debitage	197
E20/S96	7		IIIc	5G-9	Edge modified flake	1
E20/S96	7		IIIc	5G-6	Edge modified flake	1
E20/S96	7		IIIc	5G-1	Projectile point, Lange	1
E20/S96	7		IIIc	5G-7	Thin uniface	1
E20/S96	8		Y/IIIc	5H-4	Biface fragment	1
E20/S96	8		Y/IIIc	5H-3	Biface Stage 2	1
E20/S96	8		Y/IIIc		Debitage	217
E20/S96	8		Y/IIIc	5H-2	Denticulated flake	1
E20/S96	8		Y/IIIc	5H-1	Projectile point, Bandy	1
E20/S96	8		Y/IIIc	5H-5	Thin uniface	1
E20/S96	9		Y/IIIc		Debitage	265
E20/S96	9		Y/IIIc	5I-4	Edge modified flake	1
E20/S96	9		Y/IIIc	5I-2	Projectile point fragment	1
E20/S96	9		Y/IIIc	5I-1	Projectile point, indeterminate	1
E20/S96	9		Y/IIIc	5I-3	Thin uniface	1
E20/S96	10		Y	5J-5	Biface Stage 3	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S96	10		Y		Debitage	348
E20/S96	10		Y	5J-7	Edge modified flake	1
E20/S96	10		Y	5J-1	Projectile point, Jetta	1
E20/S96	10		Y	5J-3	Projectile point, miscellaneous lanceolate	1
E20/S96	10		Y	5J-4	Projectile point, Thrall	1
E20/S96	10		Y	5J-2	Projectile point, Uvalde	1
E20/S96	10		Y	5J-8	Thin uniface	1
E20/S96	11		Y	5K-1	Burin	1
E20/S96	11		Y		Debitage	234
E20/S96	12		X/Y	5L-3	Biface fragment	1
E20/S96	12		X/Y	5L-1	Biface Stage 1	1
E20/S96	12		X/Y		Debitage	299
E20/S96	12		X/Y	5L-4	Edge modified flake	1
E20/S96	12		X/Y	5L-5	Edge modified flake	1
E20/S96	12		X/Y	5L-6	Edge modified flake	1
E20/S96	12		X/Y	5L-7	Microspur/microdenticulate	1
E20/S96	12		X/Y	5L-2	Perforator Group 7	1
E20/S96	13		X/Y		Debitage	295
E20/S96	14		X		Debitage	222
E20/S96	14		X	5N-1	Projectile point, bifurcate stem fragment	1
E20/S96	14		X	5N-2	Projectile point, expanding concave B	1
E20/S96	14		X	5N-3	Spurred flake	1
E20/S96	15		X	5O-1	Burin spall	1
E20/S96	15		X		Debitage	225
E20/S96	16		X	5P-7	Biface Stage 2	1
E20/S96	16		X	5P-4	Core, thermal	1
E20/S96	16		X		Debitage	116
E20/S96	17		X	5Q-1	Burin	1
E20/S96	17		X		Debitage	12
E20/S98				3*-1	Burin spall	1
E20/S98	1		IIIc	3A-1	Arrow point, Scallorn	1
E20/S98	1		IIIc	3A-2	Arrow point, Scallorn	1
E20/S98	1		IIIc	3A-24	Biface fragment	1
E20/S98	1		IIIc	3A-4	Biface Stage 2	1
E20/S98	1		IIIc	3A-12	Biface Stage 3	1
E20/S98	1		IIIc	3A-8	Burin spall	1
E20/S98	1		IIIc	3A-31	Burin spall	1
E20/S98	1		IIIc	3A-18	Chert cobble, chunk	1
E20/S98	1		IIIc	3A-11	Core tool, type 2	1
E20/S98	1		IIIc	3A-10	Core, multidirectional	1
E20/S98	1		IIIc		Debitage	593
E20/S98	1		IIIc	3A-25	Denticulated flake	1
E20/S98	1		IIIc	3A-20	Edge modified flake	1
E20/S98	1		IIIc	3A-27	Edge modified flake	1
E20/S98	1		IIIc	3A-26	Edge modified flake	1
E20/S98	1		IIIc	3A-29	Edge modified flake	1
E20/S98	1		IIIc	3A-5	Edge modified flake	1
E20/S98	1		IIIc	3A-7	Edge modified flake	1
E20/S98	1		IIIc	3A-22	Edge modified flake	1
E20/S98	1		IIIc	3A-6	Micro-core, large	1
E20/S98	1		IIIc	3A-17	Microspur/microdenticulate	1
E20/S98	1		IIIc	3A-16	Notched flake	1
E20/S98	1		IIIc	3A-3	Notched flake	1
E20/S98	1		IIIc	3A-19	Notched flake	1
E20/S98	1		IIIc	3A-14	Projectile point fragment	1
E20/S98	1		IIIc	3A-13	Projectile point fragment	1
E20/S98	1		IIIc	3A-15	Projectile point, Nolan	1
E20/S98	1		IIIc	3A-30	Spurred flake	1
E20/S98	1		IIIc	3A-28	Thin uniface fragment	1
E20/S98	1		IIIc	3A-23	Unifacial multiple tool	1
E20/S98	2		IIIc	3B-4	Arrow point, medial	1
E20/S98	2		IIIc	3B-2	Arrow point, Scallorn	1
E20/S98	2		IIIc	3B-1	Arrow point, Scallorn	1
E20/S98	2		IIIc	3B-6	Chert cobble, unmodified/tested	1
E20/S98	2		IIIc	3B-5	Core, multidirectional	1
E20/S98	2		IIIc		Debitage	498
E20/S98	2		IIIc	3B-7	Perforator Group 1	1
E20/S98	2		IIIc	3B-3	Projectile point, bifurcate stem fragment	1
E20/S98	2		IIIc	3B-9	Projectile point, rectangular stem (eccentric)	1
E20/S98	2		IIIc	3B-8	Thin uniface	1
E20/S98	3	BRM 1	IIIc	3C-2	Biface fragment	1
E20/S98	3	BRM 1	IIIc	3C-3	Biface Stage 2	1
E20/S98	3	BRM 1	IIIc	3C-1	Bifacial tool	1
E20/S98	3	BRM 1	IIIc		Debitage	152

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S98	3	BRM 1	IIIc	3C-5	Edge modified flake	1
E20/S98	3	BRM 1	IIIc	3C-4	Projectile point, beveled narrow stemmed	1
E20/S98	4	BRM 1	IIIc	3D-6	Biface fragment	1
E20/S98	4	BRM 1	IIIc	3D-2	Biface Stage 2	1
E20/S98	4	BRM 1	IIIc	3D-7	Clear Fork uniface	1
E20/S98	4	BRM 1	IIIc		Debitage	106
E20/S98	4	BRM 1	IIIc	3D-3	Edge modified flake	1
E20/S98	4	BRM 1	IIIc	3D-5	Edge modified flake	1
E20/S98	4	BRM 1	IIIc	3D-1	Thin uniface	1
E20/S98	4	BRM 1	IIIc	3D-4	Unifacial multiple tool	1
E20/S98	5	BRM 1	IIIc	3E-5	Bifacial tool Form A	1
E20/S98	5	BRM 1	IIIc	3E-4	Bifacial tool Form D	1
E20/S98	5	BRM 1	IIIc	3E-10	Burin spall	1
E20/S98	5	BRM 1	IIIc		Debitage	94
E20/S98	5	BRM 1	IIIc	3E-8	Edge modified flake	1
E20/S98	5	BRM 1	IIIc	3E-7	Projectile point fragment	1
E20/S98	5	BRM 1	IIIc	3E-6	Projectile point fragment	1
E20/S98	5	BRM 1	IIIc	3E-2	Projectile point, Darl	1
E20/S98	5	BRM 1	IIIc	3E-1	Projectile point, Darl	1
E20/S98	5	BRM 1	IIIc	3E-3	Projectile point, Nolan	1
E20/S98	5	BRM 1	IIIc	3E-9	Unifacial multiple tool	1
E20/S98	6		Y/IIIc	3F-2	Biface Stage 1	1
E20/S98	6		Y/IIIc	3F-1	Biface Stage 2	1
E20/S98	6		Y/IIIc		Debitage	132
E20/S98	6		Y/IIIc	3F-3	Edge modified flake	1
E20/S98	6		Y/IIIc	3F-4	Edge modified flake	1
E20/S98	7		Y/IIIc	3G-3	Biface Stage 2	1
E20/S98	7		Y/IIIc	3G-2	Burin	1
E20/S98	7		Y/IIIc		Debitage	199
E20/S98	7		Y/IIIc	3G-4	Thin uniface	1
E20/S98	8		Y/IIIc	3H-4	Biface Stage 2	1
E20/S98	8		Y/IIIc	3H-3	Bifacial tool Form A	1
E20/S98	8		Y/IIIc		Debitage	114
E20/S98	8		Y/IIIc	3H-5	Edge modified flake	1
E20/S98	8		Y/IIIc	3H-1	Projectile point, bifurcate stem fragment	1
E20/S98	8		Y/IIIc	3H-2	Projectile point, Uvalde	1
E20/S98	8		Y/IIIc	3H-6	Thin uniface fragment	1
E20/S98	9		Y	3I-2	Biface Stage 1	1
E20/S98	9		Y	3I-1	Burin	1
E20/S98	9		Y		Debitage	91
E20/S98	9		Y	3I-3	Edge modified flake	1
E20/S98	9		Y	3I-5	Edge modified flake	1
E20/S98	9		Y	3I-4	Notched flake	1
E20/S98	10		Y	3I-4	Biface fragment	1
E20/S98	10		Y	3I-7	Chert cobble, chunk	1
E20/S98	10		Y	3I-6	Chert cobble, chunk	1
E20/S98	10		Y	3I-8	Core tool, type 1	1
E20/S98	10		Y		Debitage	471
E20/S98	10		Y	3J-10	Denticulated flake	1
E20/S98	10		Y	3J-3	Mano fragment	1
E20/S98	10		Y	3J-11	Microspur/microdenticulate	1
E20/S98	10		Y	3J-2	Perforator Group 3	1
E20/S98	10		Y	3J-1	Projectile point, Gower/Uvalde	1
E20/S98	10		Y	3J-9	Projectile point, Hoxie A	1
E20/S98	10		Y	3J-5	Small core hammerstone	1
E20/S98	11		X/Y	3K-2	Biface Stage 2	1
E20/S98	11		X/Y	3K-3	Bifacial tool Form A	1
E20/S98	11		X/Y		Debitage	265
E20/S98	11		X/Y	3K-5	Edge modified flake	1
E20/S98	11		X/Y	3K-1	Projectile point, Hoxie	1
E20/S98	12		X/Y		Debitage	290
E20/S98	12		X/Y	3L-4	Edge modified flake	1
E20/S98	12		X/Y	3L-2	Microspur/microdenticulate	1
E20/S98	12		X/Y	3L-1	Projectile point, miscellaneous lanceolate	1
E20/S98	12		X/Y	3L-3	Thick uniface	1
E20/S98	13		X	3M-3	Burin spall	1
E20/S98	13		X	3M-4	Burin spall	1
E20/S98	13		X		Debitage	295
E20/S98	13		X	3M-8	Edge modified flake	1
E20/S98	13		X	3M-9	Edge modified flake	1
E20/S98	13		X	3M-7	Microspur/microdenticulate	1
E20/S98	13		X	3M-11	Notched flake	1
E20/S98	13		X	3M-1	Projectile point, Angostura	1
E20/S98	13		X	3M-2	Projectile point, Jetta	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S98	13		X	3M-5	Thin uniface	1
E20/S98	13		X	3M-12	Unifacial multiple tool	1
E20/S98	13		X	3M-10	Unifacial multiple tool	1
E20/S98	14		X	3N-1	Biface fragment	1
E20/S98	14		X	3N-3	Biface Stage 2	1
E20/S98	14		X	3N-2	Biface Stage 2	1
E20/S98	14		X		Debitage	75
E20/S98	14		X	3N-4	Projectile point, early bifurcate stem preform	1
E20/S98	14		X	3N-5	Projectile point, miscellaneous lanceolate	1
E20/S98	15		X	3O-2	Biface Stage 1	1
E20/S98	15		X	3O-1	Biface Stage 2	1
E20/S98	15		X		Debitage	241
E20/S98	15		X	3O-3	Thin uniface	1
E20/S100	1		IIIc	1A-3	Arrow point, preform	1
E20/S100	1		IIIc	1A-7	Biface fragment	1
E20/S100	1		IIIc	1A-20	Biface fragment	1
E20/S100	1		IIIc	1A-8	Biface fragment	1
E20/S100	1		IIIc	1A-15	Biface fragment	1
E20/S100	1		IIIc	1A-4	Biface Stage 2	1
E20/S100	1		IIIc	1A-5	Biface Stage 2	1
E20/S100	1		IIIc	1A-6	Biface Stage 2	1
E20/S100	1		IIIc	1A-10	Burin spall	1
E20/S100	1		IIIc		Debitage	492
E20/S100	1		IIIc	1A-16	Denticulated flake	1
E20/S100	1		IIIc	1A-21	Edge modified flake	1
E20/S100	1		IIIc	1A-19	Edge modified flake	1
E20/S100	1		IIIc	1A-11	Large core hammerstone	1
E20/S100	1		IIIc	1A-17	Microspur/microdenticulate	1
E20/S100	1		IIIc	1A-14	Notched flake	1
E20/S100	1		IIIc	1A-18	Notched flake	1
E20/S100	1		IIIc	1A-12	Projectile point fragment	1
E20/S100	1		IIIc	1A-13	Projectile point fragment	1
E20/S100	1		IIIc	1A-1	Projectile point, Darl	1
E20/S100	1		IIIc	1A-2	Projectile point, miscellaneous bifurcate	1
E20/S100	1		IIIc	1A-9	Uniface, unanalyzed	1
E20/S100	2		IIIc	1B-1	Biface fragment	1
E20/S100	2		IIIc	1B-43	Biface Stage 1	1
E20/S100	2		IIIc		Debitage	369
E20/S100	2		IIIc	1B-6	Edge modified flake	1
E20/S100	2		IIIc	1B-3	Edge modified flake	1
E20/S100	2		IIIc	1B-5	Edge modified flake	1
E20/S100	2		IIIc	1B-2	Notched flake	1
E20/S100	3		IIIc	1C-4	Biface Stage 1	1
E20/S100	3		IIIc		Debitage	85
E20/S100	3		IIIc	1C-6	Edge modified flake	1
E20/S100	3		IIIc	1C-1	Projectile point, Ensor	1
E20/S100	3		IIIc	1C-3	Projectile point, Montell	1
E20/S100	3		IIIc	1C-2	Projectile point, Montell	1
E20/S100	3		IIIc	1C-7	Unifacial multiple tool	1
E20/S100	3		IIIc	1C-5	Unifacial multiple tool	1
E20/S100	3		IIIc	1C-9	Worked hematite	1
E20/S100	4		IIIc	1D-3	Battered cobble	1
E20/S100	4		IIIc	1D-1	Biface Stage 2	1
E20/S100	4		IIIc	1D-2	Biface Stage 2	1
E20/S100	4		IIIc		Debitage	58
E20/S100	4		IIIc	1D-4	Edge modified flake	1
E20/S100	5		IIIc	1E-5	Biface Stage 2	1
E20/S100	5		IIIc	1E-7	Biface Stage 2	1
E20/S100	5		IIIc	1E-4	Biface Stage 2	1
E20/S100	5		IIIc	1E-3	Biface Stage 3	1
E20/S100	5		IIIc		Debitage	231
E20/S100	5		IIIc	1E-2	Metate fragment	1
E20/S100	5		IIIc	1E-1	Projectile point, Pedernales	1
E20/S100	5		IIIc	1E-6	Unifacial multiple tool	1
E20/S100	6		Y/IIIc	1F-7	Biface Stage 1	1
E20/S100	6		Y/IIIc	1F-9	Biface Stage 1	1
E20/S100	6		Y/IIIc	1F-3	Biface Stage 3	1
E20/S100	6		Y/IIIc	1F-8	Bifacial tool Form J	1
E20/S100	6		Y/IIIc	1F-1	Clear Fork biface	1
E20/S100	6		Y/IIIc		Debitage	209
E20/S100	6		Y/IIIc	1F-6	Edge modified flake	1
E20/S100	6		Y/IIIc	1F-5	Projectile point fragment	1
E20/S100	6		Y/IIIc	1F-4	Projectile point, bifurcate stem fragment	1
E20/S100	7		Y	1G-7	Biface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E20/S100	7		Y	1G-3	Biface fragment	1
E20/S100	7		Y	1G-9	Biface fragment, unanalyzed	1
E20/S100	7		Y	1G-6	Biface Stage 2	1
E20/S100	7		Y	1G-4	Biface Stage 2	1
E20/S100	7		Y	1G-8	Burin spall	1
E20/S100	7		Y		Debitage	314
E20/S100	7		Y	1G-11	Edge modified flake	1
E20/S100	7		Y	1G-12	Edge modified flake	1
E20/S100	7		Y	1G-13	Edge modified flake	1
E20/S100	7		Y	1G-15	Edge modified flake	1
E20/S100	7		Y	1G-18	Edge modified flake	1
E20/S100	7		Y	1G-20	Edge modified flake	1
E20/S100	7		Y	1G-17	Notched flake	1
E20/S100	7		Y	1G-5	Piece esquillee	1
E20/S100	7		Y	1G-1	Projectile point, bifurcate stem fragment	1
E20/S100	7		Y	1G-2	Projectile point, expanding concave B	1
E20/S100	7		Y	1G-14	Thin uniface	1
E20/S100	7		Y	1G-19	Thin uniface	1
E20/S100	7		Y	1G-21	Thin uniface	1
E20/S100	7		Y	1G-10	Thin uniface	1
E20/S100	8		Y	1H-1	Biface Stage 1	1
E20/S100	8		Y		Debitage	297
E20/S100	8		Y	1H-4	Perforator Group 5	1
E20/S100	8		Y	1H-3	Projectile point fragment	1
E20/S100	8		Y	1H-2	Projectile point fragment	1
E20/S100	8		Y	1H-5	Thin uniface	1
E20/S100	8		Y	1H-6	Thin uniface	1
E20/S100	9		Y	1I-2	Biface Stage 2	1
E20/S100	9		Y	1I-1	Biface Stage 2	1
E20/S100	9		Y		Debitage	500
E20/S100	9		Y	1I-5	Edge modified flake	1
E20/S100	9		Y	1I-6	Edge modified flake	1
E20/S100	9		Y	1I-7	Edge modified flake	1
E20/S100	9		Y	1I-3	Perforator Group 7	1
E20/S100	9		Y	1I-9	Projectile point fragment	1
E20/S100	9		Y	1I-4	Thin uniface	1
E20/S100	10		Y		Debitage	40
E20/S100	10		Y	1J-2	Microspur/microdenticulate	1
E20/S100	11		X/Y		Debitage	7
E22/S72	15		IIIa/b	27O-6	Biface fragment	1
E22/S72	15		IIIa/b	27O-9	Biface fragment	1
E22/S72	15		IIIa/b	27O-7	Biface Stage 2	1
E22/S72	15		IIIa/b	27O-8	Biface Stage 2	1
E22/S72	15		IIIa/b	27O-1	Bifacial tool Form A	1
E22/S72	15		IIIa/b	27O-3	Bifacial tool Form E	1
E22/S72	15		IIIa/b	27O-4	Bifacial tool Form E	1
E22/S72	15		IIIa/b	27O-10	Burin spall	1
E22/S72	15		IIIa/b	27O-11	Burin spall	1
E22/S72	15		IIIa/b		Debitage	1231
E22/S72	15		IIIa/b	27O-18	Denticulated flake	1
E22/S72	15		IIIa/b	27O-25	Edge modified flake	1
E22/S72	15		IIIa/b	27O-20	Edge modified flake	1
E22/S72	15		IIIa/b	27O-21	Edge modified flake	1
E22/S72	15		IIIa/b	27O-16	Microspur/microdenticulate	1
E22/S72	15		IIIa/b	27O-17	Microspur/microdenticulate	1
E22/S72	15		IIIa/b	27O-19	Microspur/microdenticulate	1
E22/S72	15		IIIa/b	27O-15	Microspur/microdenticulate	1
E22/S72	15		IIIa/b	27O-14	Microspur/microdenticulate	1
E22/S72	15		IIIa/b	27O-2	Projectile point fragment	1
E22/S72	15		IIIa/b	27O-12	Projectile point fragment	1
E22/S72	15		IIIa/b	27O-5	Thin uniface fragment	1
E22/S72	15		IIIa/b	27O-22	Thin uniface fragment	1
E22/S72	15		IIIa/b	27O-26	Worked hematite	1
E22/S72	16A		IIIa/b	27P1-1	Biface Stage 3	1
E22/S72	16A		IIIa/b		Debitage	212
E22/S72	16A		IIIa/b	27P1-2	Microspur/microdenticulate	1
E22/S72	16B		IIIa	27P2-2	Bifacial tool Form A	1
E22/S72	16B		IIIa	27P2-1	Core fragment	1
E22/S72	16B		IIIa		Debitage	185
E22/S72	17A		IIIa		Debitage	152
E22/S72	17A		IIIa	27Q1-4	Edge modified flake	1
E22/S72	17A		IIIa	27Q1-5	Edge modified flake	1
E22/S72	17A		IIIa	27Q1-1	Projectile point, bifurcate stem fragment	1
E22/S72	17A		IIIa	27Q1-3	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S72	17A	Feature 139	IIIa	27Q1-2	Unifacial multiple tool	1
E22/S72	17B		IIIa	27Q2-1	Biface fragment	1
E22/S72	17B		IIIa	27Q2-4	Biface Stage 2	1
E22/S72	17B		IIIa		Debitage	209
E22/S72	17B		IIIa	27Q2-5	Edge modified flake	1
E22/S72	17B		IIIa	27Q2-3	Unifacial multiple tool	1
E22/S72	18A		IIIa	27R1-3	Biface fragment	1
E22/S72	18A		IIIa	27R1-7	Biface fragment	1
E22/S72	18A		IIIa	27R1-4	Biface Stage 2	1
E22/S72	18A		IIIa	27R1-5	Biface Stage 2	1
E22/S72	18A		IIIa	27R1-2	Burin spall	1
E22/S72	18A		IIIa	27R1-6	Burin spall	1
E22/S72	18A		IIIa		Debitage	440
E22/S72	18A		IIIa	27R1-1	Projectile point, Hoxie A	1
E22/S72	18B		IIIa	27R2-2	Biface fragment	1
E22/S72	18B		IIIa	27R2-4	Biface Stage 1	1
E22/S72	18B		IIIa	27R2-1	Bifacial tool	1
E22/S72	18B		IIIa		Debitage	579
E22/S72	18B		IIIa	27R2-3	Projectile point fragment	1
E22/S72	18B		IIIa	27R2-5	Worked hematite	1
E22/S72	18B		IIIa	27R2-7	Worked hematite	1
E22/S72	18B		IIIa	27R2-6	Worked hematite	1
E22/S72	19A		IIIa	27S1-4	Biface Stage 1	1
E22/S72	19A		IIIa	27S1-3	Biface Stage 2	1
E22/S72	19A		IIIa	27S1-2	Biface Stage 2	1
E22/S72	19A		IIIa	27S1-1	Biface Stage 2	1
E22/S72	19A		IIIa	27S1-5	Core, thermal	1
E22/S72	19A		IIIa		Debitage	587
E22/S72	19A		IIIa	27S1-6	Denticulated flake	1
E22/S72	19A		IIIa	27S1-10	Edge modified flake	1
E22/S72	19A		IIIa	27S1-13	Edge modified flake	1
E22/S72	19A		IIIa	27S1-12	Edge modified flake	1
E22/S72	19A		IIIa	27S1-8	Notched flake	1
E22/S72	19A		IIIa	27S1-9	Notched flake	1
E22/S72	19A		IIIa	27S1-7	Biface Stage 3	1
E22/S72	19B		IIIa	27S2B-4	Biface Stage 2	1
E22/S72	19B		IIIa	27S2-2	Biface Stage 3	1
E22/S72	19B		IIIa		Debitage	360
E22/S72	19B		IIIa	27S2-1	Thin uniface	1
E22/S72	19B		IIIa	27S2C-5	Uniface, unanalyzed	1
E22/S72	20A		II/IIIa	27T1-1	Biface Stage 2	1
E22/S72	20A		II/IIIa	27T1A-8	Bifacial tool	1
E22/S72	20A		II/IIIa	27T1D-13	Chert cobble, chunk	1
E22/S72	20A		II/IIIa	27T1-2	Core fragment	1
E22/S72	20A		II/IIIa		Debitage	349
E22/S72	20A		II/IIIa	27T1-5	Edge modified flake	1
E22/S72	20A		II/IIIa	27T1-4	Edge modified flake	1
E22/S72	20A		II/IIIa	27T1B-9	Edge modified flake	1
E22/S72	20A		II/IIIa	27T1B-10	Edge modified flake	1
E22/S72	20A		II/IIIa	27T1-3	Micro-core, small	1
E22/S72	20A		II/IIIa	27T1-6	Microspur/microdenticulate	1
E22/S72	20A		II/IIIa	27T1B-11	Thin uniface fragment	1
E22/S72	20A		II/IIIa	27T1D-12	Thin uniface fragment	1
E22/S72	20B		II/IIIa	27T2D-7	Bifacial tool Form B	1
E22/S72	20B		II/IIIa	27T2C-3	Core, thermal	1
E22/S72	20B		II/IIIa		Debitage	281
E22/S72	20B		II/IIIa	27T2D-5	Edge modified flake	1
E22/S72	20B		II/IIIa	27T2B-1	Microspur/microdenticulate	1
E22/S72	20B		II/IIIa	27T2B-2	Unifacial multiple tool	1
E22/S72	21A		II/IIIa		Debitage	219
E22/S72	21A		II/IIIa	27U1B-2	Edge modified flake	1
E22/S72	21A	Feature 153	II/IIIa	27U1-1	Mano fragment	1
E22/S72	21B		II	27U2B-1	Burin spall	1
E22/S72	21B		II		Debitage	190
E22/S72	22A		II		Debitage	173
E22/S72	22A	Feature 158	II	27V1C-7	Edge modified flake	1
E22/S72	22A		II	27V1B-3	Edge modified flake	1
E22/S72	22A		II	27V1A-1	Thick uniface	1
E22/S72	22B		II		Debitage	133
E22/S72	22B		II	27V2B-1	Uniface, unanalyzed	1
E22/S72	22B		II	27V2C-2	Thin uniface	1
E22/S72	23A		II		Debitage	76
E22/S72	23A		II	27W1D-4	Edge modified flake	1
E22/S72	23B		II	27W2B-1	Burin spall	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S72	23B		II		Debitage	76
E22/S72	23B		II	27W2B-3	Thin uniface	1
E22/S72	24A		II	27X1A-1	Burin spall	1
E22/S72	24A		II		Debitage	101
E22/S72	24A		II	27X1D-4	Edge modified flake	1
E22/S72	24B		II	27X2C-3	Biface fragment	1
E22/S72	24B		II	27X2B-2	Biface fragment	1
E22/S72	24B		II		Debitage	110
E22/S72	24B		II	27X2A-1	Edge modified flake	1
E22/S72	25A		II	27Y1A-3	Biface Stage 2	1
E22/S72	25A		II		Debitage	87
E22/S72	25A		II	27Y1B-4	Edge modified flake	1
E22/S72	25B		II		Debitage	50
E22/S72	26A		II		Debitage	32
E22/S72	26A		II	27Z1A-1	Edge modified flake	1
E22/S72	26B		II		Debitage	23
E22/S72	27A		II		Debitage	43
E22/S72	27B		II		Debitage	33
E22/S72	27B		II	27AA2B-1	Edge modified flake	1
E22/S72	28A		Isi-c/II		Debitage	46
E22/S72	28B		Isi-c		Debitage	37
E22/S72	29A		Isi-c		Debitage	41
E22/S72	29B		Isi-c		Debitage	34
E22/S72	30A		Isi-c		Debitage	30
E22/S72	30B		Isi-c		Debitage	18
E22/S72	31A		Isi-c		Debitage	16
E22/S72	31B		Icl/Isi-c		Debitage	16
E22/S72	32A		Icl/Isi-c		Debitage	11
E22/S72	32B		Icl/Isi-c		Debitage	9
E22/S72	33A		Icl/Isi-c		Debitage	10
E22/S72	33A		Icl/Isi-c	27GG1C-1	Unifacial multiple tool	1
E22/S72	33B		Icl		Debitage	18
E22/S72	33B		Icl	27GG2A-1	Thin uniface	1
E22/S72	34A		Icl		Debitage	31
E22/S72	34A		Icl	27HH1B-1	Thin uniface	1
E22/S72	34B		Icl		Debitage	10
E22/S72	35A		Isi/Icl		Debitage	20
E22/S72	35A		Isi/Icl	27II1D-1	Face battered stone	1
E22/S72	35B		Isi/Icl		Debitage	13
E22/S72	35B		Isi/Icl	27II2B-1	Unifacial multiple tool	1
E22/S72	36A		Isi/Icl		Debitage	13
E22/S72	36B		Isi/Icl		Debitage	9
E22/S72	37A		Isi		Debitage	18
E22/S72	37B		Igl/Isi		Debitage	13
E22/S72	38A		Igl/Isi		Debitage	16
E22/S72	38B		Igl/Isi		Debitage	7
E22/S72	39A		Igl/Isi		Debitage	4
E22/S72	39A		Igl/Isi	27MM1A-1	Edge modified flake	1
E22/S74	15		IIIa/b	26O-3	Burin spall	1
E22/S74	15		IIIa/b	26O-5	Burin spall	1
E22/S74	15		IIIa/b	26O-4	Burin spall	1
E22/S74	15		IIIa/b		Debitage	656
E22/S74	15		IIIa/b	26O-13	Edge modified flake	1
E22/S74	15		IIIa/b	26O-14	Edge modified flake	1
E22/S74	15		IIIa/b	26O-16	Edge modified flake	1
E22/S74	15		IIIa/b	26O-9	Edge modified flake	1
E22/S74	15		IIIa/b	26O-15	Edge modified flake	1
E22/S74	15		IIIa/b	26O-20	Notched flake	1
E22/S74	15		IIIa/b	26O-6	Projectile point fragment	1
E22/S74	15		IIIa/b	26O-2	Projectile point fragment	1
E22/S74	15		IIIa/b	26O-17	Thin uniface	1
E22/S74	15		IIIa/b	26O-22	Thin uniface	1
E22/S74	15		IIIa/b	26O-21	Thin uniface fragment	1
E22/S74	16A		IIIa	26P1-3	Biface Stage 1	1
E22/S74	16A		IIIa	26P1-4	Biface Stage 1	1
E22/S74	16A		IIIa	26P1-8	Biface Stage 2	1
E22/S74	16A		IIIa	26P1-5	Biface Stage 2	1
E22/S74	16A		IIIa		Debitage	446
E22/S74	16A		IIIa	26P1-6	Edge modified flake	1
E22/S74	16A		IIIa	26P1-1	Projectile point, Hoxie A	1
E22/S74	16A		IIIa	26P1-7	Unifacial multiple tool	1
E22/S74	16A	Feature 126	IIIa	26P1-2	Projectile point, St. Mary's Hall	1
E22/S74	16B		IIIa	26P2-2	Biface fragment	1
E22/S74	16B		IIIa	26P2-4	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S74	16B	Feature 139	IIIa		Debitage	234
E22/S74	16B		IIIa	26P2-6	Edge modified flake	1
E22/S74	16B		IIIa	26P2-1	Projectile point, Hoxie/Gower	1
E22/S74	16B		IIIa	26P2-3	Projectile point, miscellaneous lanceolate	1
E22/S74	16B		IIIa	26P2-5	Unifacial multiple tool	1
E22/S74	16B		IIIa	26P2-7	Unifacial multiple tool	1
E22/S74	16B		IIIa	26P2-8	Worked hematite	1
E22/S74	17A		IIIa	26Q1-2	Biface Stage 2	1
E22/S74	17A		IIIa		Debitage	324
E22/S74	17A		IIIa	26Q1-4	Perforator Group 7	1
E22/S74	17A		IIIa	26Q1-1	Projectile point fragment	1
E22/S74	17A		IIIa	26Q1-3	Uniface, unanalyzed	1
E22/S74	17A		IIIa	26Q1-5	Unifacial multiple tool	1
E22/S74	17A		IIIa	26Q1-6	Unifacial multiple tool	1
E22/S74	17B		IIIa	26Q2-2	Bifacial tool Form E	1
E22/S74	17B		IIIa	26Q2-1	Burin spall	1
E22/S74	17B		IIIa	26Q2-4	Core fragment	1
E22/S74	17B		IIIa		Debitage	548
E22/S74	18A		IIIa	26RI-9	Biface fragment	1
E22/S74	18A		IIIa	26R1-16	Biface fragment	1
E22/S74	18A		IIIa	26R1-2	Biface Stage 2	1
E22/S74	18A		IIIa		Debitage	429
E22/S74	18A		IIIa	26R1-10	Edge modified flake	1
E22/S74	18A		IIIa	26R1-12	Edge modified flake	1
E22/S74	18A		IIIa	26R1-13	Edge modified flake	1
E22/S74	18A		IIIa	26R1-17	Edge modified flake	1
E22/S74	18A		IIIa	26R1-6	Edge modified flake	1
E22/S74	18A		IIIa	26R1-15	Notched flake	1
E22/S74	18A		IIIa	26R1-4	Perforator Group 1	1
E22/S74	18A		IIIa	26R1-1	Projectile point, Golondrina-Barber	1
E22/S74	18A		IIIa	26R1-14	Uniface, unanalyzed	1
E22/S74	18A		IIIa	26R1-11	Unifacial multiple tool	1
E22/S74	18A		IIIa	26R1-19	Waco sinker	1
E22/S74	18B		IIIa		Debitage	440
E22/S74	18B		IIIa	26R2-1	Denticulated flake	1
E22/S74	18B		IIIa	26R2-2	Edge modified flake	1
E22/S74	19A		II/IIIa		Debitage	219
E22/S74	19A		II/IIIa	26S1-2	Thin uniface	1
E22/S74	19A		II/IIIa	26S1-3	Worked hematite	1
E22/S74	19B		II/IIIa		Debitage	269
E22/S74	19B		II/IIIa	26S2C-6	Edge modified flake	1
E22/S74	19B		II/IIIa	26S2C-5	Edge modified flake	1
E22/S74	19B		II/IIIa	26S2D-10	Edge modified flake	1
E22/S74	19B		II/IIIa	26S2D-9	Edge modified flake	1
E22/S74	19B		II/IIIa	26S2A-4	Notched flake	1
E22/S74	19B		II/IIIa	26S2-2	Projectile point, miscellaneous lanceolate	1
E22/S74	19B		II/IIIa	26S2C-8	Unifacial multiple tool	1
E22/S74	19B		II/IIIa	26S2-1	Biface Stage 2	1
E22/S74	20A		II/IIIa	26T1-1	Biface Stage 2	1
E22/S74	20A		II/IIIa		Debitage	202
E22/S74	20A		II/IIIa	26T1D-4	Edge modified flake	1
E22/S74	20A		II/IIIa	26T1B-2	Edge modified flake	1
E22/S74	20A		II/IIIa	26T1D-3	Notched flake	1
E22/S74	20B		II	26T2D-5	Biface fragment	1
E22/S74	20B		II		Debitage	172
E22/S74	20B		II	26T2B-4	Edge modified flake	1
E22/S74	20B		II	26T2B-3	Edge modified flake	1
E22/S74	20B		II	26T2D-7	Thick uniface	1
E22/S74	20B		II	26T2B-2	Unifacial multiple tool	1
E22/S74	20B		II	26T2C-6	Unifacial multiple tool	1
E22/S74	21A		II		Debitage	141
E22/S74	21A		II	26U1A-1	Edge modified flake	1
E22/S74	21A		II	26U1B-3	Perforator Group 4	1
E22/S74	21B		II	26U2C-4	Biface Stage 2	1
E22/S74	21B		II	26U2-1	Biface Stage 3	1
E22/S74	21B		II		Debitage	148
E22/S74	21B		II	26U2-2	Projectile point, miscellaneous lanceolate	1
E22/S74	21B		II	26U2D-5	Thin uniface fragment	1
E22/S74	22A		II		Debitage	118
E22/S74	22A		II	26V1C-1	Edge modified flake	1
E22/S74	22B		II	26V2C-4	Biface Stage 3	1
E22/S74	22B		II		Debitage	97
E22/S74	22B		II	26V2A-1	Edge modified flake	1
E22/S74	22B		II	26V2B-2	Projectile point, Scottsbluff	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S74	22B		II	26V2C-3	Thin uniface fragment	1
E22/S74	22B		II	26V2D-5	Unifacial multiple tool	1
E22/S74	23A		II		Debitage	41
E22/S74	23B		II		Debitage	91
E22/S74	23B		II	26W2A-1	Projectile point, expanding concave A	1
E22/S74	23B		II	26W2C-3	Thin uniface fragment	1
E22/S74	23B		II	26W2A-2	Thin uniface fragment	1
E22/S74	24A		II		Debitage	90
E22/S74	24A		II	26X1B-1	Thick uniface	1
E22/S74	24B		II		Debitage	108
E22/S74	24B		II	26X2A-1	Projectile point, parallel side	1
E22/S74	24B		II	26X2D-3	Thin uniface	1
E22/S74	25A		II		Debitage	86
E22/S74	25A		II	26Y1C-2	Perforator Group 1	1
E22/S74	25A		II	26Y1C-1	Thin uniface	1
E22/S74	25B		Id/II		Debitage	45
E22/S74	25B		Id/II	26Y2A-2	Edge modified flake	1
E22/S74	25B		Id/II	26Y2C-1	Projectile point, Golondrina-Barber	1
E22/S74	25B		Id/II	26Y2C-3	Projectile point, Midland	1
E22/S74	26A		Id/II		Debitage	34
E22/S74	26A		Id/II	26Z1B-1	Thin uniface fragment	1
E22/S74	26B		Isi-c/Id/II	26Z2C-1	Biface Stage 2	1
E22/S74	26B		Isi-c/Id/II		Debitage	34
E22/S74	27A		Isi-c/II		Debitage	49
E22/S74	27A		Isi-c/II	26AA1C-2	Projectile point, miscellaneous lanceolate	1
E22/S74	27A		Isi-c/II	26AA1B-1	Thin uniface	1
E22/S74	27B		Isi-c/II	26AA2B-1	Biface Stage 2	1
E22/S74	27B		Isi-c/II		Debitage	31
E22/S74	28A		Isi-c		Debitage	27
E22/S74	28A		Isi-c	26BB1A-1	Edge modified flake	1
E22/S74	28B		Isi-c	26BB2B-1	Biface Stage 2	1
E22/S74	28B		Isi-c		Debitage	31
E22/S74	29A		Isi-c		Debitage	37
E22/S74	29B		Isi-c	26CC2D-2	Biface Stage 2	1
E22/S74	29B		Isi-c		Debitage	45
E22/S74	29B		Isi-c	26CC2C-1	Thin uniface	1
E22/S74	30A		Isi-c		Debitage	27
E22/S74	30B		Isi-c		Debitage	27
E22/S74	31A		Icl/Isi-c		Debitage	27
E22/S74	31B		Icl/Isi-c		Debitage	17
E22/S74	32A		Icl/Isi-c		Debitage	18
E22/S74	32B		Icl/Isi-c		Debitage	15
E22/S74	33A		Isi/Icl		Debitage	19
E22/S74	33B		Isi/Icl		Debitage	7
E22/S74	33B		Isi/Icl	26GG2D-1	Edge modified flake	1
E22/S74	34A		Isi/Icl		Debitage	29
E22/S74	34B		Isi/Icl	26HH2C-1	Biface Stage 2	1
E22/S74	34B		Isi/Icl		Debitage	21
E22/S74	35A		Isi/Icl		Debitage	11
E22/S74	35B		Isi/Icl		Debitage	10
E22/S74	36A		Isi/Icl		Debitage	10
E22/S74	36B		Igl/Isi		Debitage	24
E22/S74	36B		Igl/Isi	26JJ2D-1	Edge modified flake	1
E22/S74	36B		Igl/Isi	26JJ2D-2	Edge modified flake	1
E22/S74	37A		Igl/Isi		Debitage	10
E22/S74	37B		Igl/Isi		Debitage	17
E22/S74	37B		Igl/Isi	26KK2A-1	Thin uniface	1
E22/S74	38A		Igl/Isi		Debitage	13
E22/S74	38A		Igl/Isi	26LL1C-2	Edge modified flake	1
E22/S74	38B		Igl/Isi		Debitage	4
E22/S76	2?		Unknown	25B-8	Biface fragment, unanalyzed	1
E22/S76	15		IIIa/b	25O-2	Biface Stage 2	1
E22/S76	15		IIIa/b		Debitage	108
E22/S76	15		IIIa/b	25O-3	Edge modified flake	1
E22/S76	15		IIIa/b	25O-1	Perforator Group 3	1
E22/S76	15		IIIa/b	25O-5	Projectile point fragment	1
E22/S76	15		IIIa/b	25O-4	Projectile point, contracting stem, concave base	1
E22/S76	16A		IIIa	25P1-6	Biface fragment	1
E22/S76	16A		IIIa		Debitage	418
E22/S76	16A		IIIa	25P1-5	Edge modified flake	1
E22/S76	16A		IIIa	25P1-4	Edge modified flake	1
E22/S76	16A		IIIa	25P1-3	Microspur/microdenticulate	1
E22/S76	16A		IIIa	25P1-1	Microspur/microdenticulate	1
E22/S76	16A		IIIa	25P1-2	Microspur/microdenticulate	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S76	16A	Feature 128 Feature 128	IIIa	25P1-7	Thin uniface	1
E22/S76	16A		IIIa	25P1-8	Thin uniface	1
E22/S76	16B		IIIa	25P2-6	Biface fragment	1
E22/S76	16B		IIIa	25P2-1	Burin	1
E22/S76	16B		IIIa	25P2-5	Burin spall	1
E22/S76	16B		IIIa	25P2-2	Burin spall	1
E22/S76	16B		IIIa		Debitage	554
E22/S76	16B		IIIa	25P2-3	Edge modified flake	1
E22/S76	16B		IIIa	25P2-4	Uniface, unanalyzed	1
E22/S76	16B		IIIa	25P2-7	Core, thermal	1
E22/S76	16B		IIIa		Debitage	1
E22/S76	17A		IIIa	25Q1-3	Biface fragment	1
E22/S76	17A		IIIa	25Q1-2	Bifacial tool Form A	1
E22/S76	17A		IIIa	25Q1-5	Bifacial tool Form B	1
E22/S76	17A		IIIa	25Q1-4	Bifacial tool Form E	1
E22/S76	17A		IIIa	25Q1-7	Burin spall	1
E22/S76	17A		IIIa	25Q1-6	Burin spall	1
E22/S76	17A		IIIa		Debitage	593
E22/S76	17A		IIIa	25Q1-10	Edge modified flake	1
E22/S76	17A		IIIa	25Q1-9	Edge modified flake	1
E22/S76	17A		IIIa	25Q1-8	Edge modified flake	1
E22/S76	17A		IIIa	25Q1-13	Edge modified flake	1
E22/S76	17A		IIIa	25Q1-12	Edge modified flake	1
E22/S76	17A		IIIa	25Q1-1	Projectile point, Angostura	1
E22/S76	17A		IIIa	25Q1-14	Spurred flake	1
E22/S76	17A		IIIa	25Q1-11	Uniface, unanalyzed	1
E22/S76	17B		IIIa	25Q2-17	Biface fragment	1
E22/S76	17B		IIIa	25Q2-21	Biface Stage 3	1
E22/S76	17B		IIIa	25Q2-3	Bifacial tool	1
E22/S76	17B		IIIa	25Q2-2	Bifacial tool	1
E22/S76	17B		IIIa	25Q2-7	Bifacial tool Form C	1
E22/S76	17B		IIIa	25Q2-12	Burin spall	1
E22/S76	17B		IIIa	25Q2-4	Burin spall, unanalyzed	1
E22/S76	17B		IIIa	25Q2-22	Chert cobble, unmodified/tested	1
E22/S76	17B		IIIa	25Q2-1	Clear Fork biface	1
E22/S76	17B		IIIa		Debitage	661
E22/S76	17B		IIIa	25Q2-10	Edge modified flake	1
E22/S76	17B		IIIa	25Q2-14	Edge modified flake	1
E22/S76	17B		IIIa	25Q2-13	Edge modified flake	1
E22/S76	17B		IIIa	25Q2-15	Edge modified flake	1
E22/S76	17B		IIIa	25Q2-8	Edge modified flake	1
E22/S76	17B		IIIa	25Q2-9	Notched flake	1
E22/S76	17B		IIIa	25Q2-5	Perforator Group 7	1
E22/S76	17B		IIIa	25Q2-18	Projectile point fragment	1
E22/S76	17B		IIIa	25Q2-11	Uniface, unanalyzed	1
E22/S76	17B		IIIa	25Q2-6	Uniface, unanalyzed	1
E22/S76	18A		IIIa		Debitage	540
E22/S76	18A		IIIa	25R1-19	Edge modified flake	1
E22/S76	18A		IIIa	25R1-11	Edge modified flake	1
E22/S76	18A		IIIa	25R1-16	Edge modified flake	1
E22/S76	18A		IIIa	25R1-7	Edge modified flake	1
E22/S76	18A		IIIa	25R1-14	Edge modified flake	1
E22/S76	18A		IIIa	25R1-10	Edge modified flake	1
E22/S76	18A		IIIa	25R1-6	Edge modified flake	1
E22/S76	18A		IIIa	25R1-13	Microspur/microdenticulate	1
E22/S76	18A		IIIa	25R1-18	Notched flake	1
E22/S76	18A		IIIa	25R1-5	Projectile point fragment	1
E22/S76	18A		IIIa	25R1-4	Projectile point fragment	1
E22/S76	18A		IIIa	25R1-1	Projectile point, Angostura	1
E22/S76	18A		IIIa	25R1-3	Projectile point, Angostura	1
E22/S76	18A		IIIa	25R1-2	Projectile point, Thrall	1
E22/S76	18A		IIIa	25R1-17	Uniface, unanalyzed	1
E22/S76	18A		IIIa	25R1-8	Uniface, unanalyzed	1
E22/S76	18B		IIIa	25R2-1	Biface fragment	1
E22/S76	18B		IIIa		Debitage	501
E22/S76	18B		IIIa	25R2-3	Edge modified flake	1
E22/S76	19A		II/IIIa	25S1-1	Biface Stage 1	1
E22/S76	19A		II/IIIa		Debitage	424
E22/S76	19A		II/IIIa	25S1-6	Denticulated flake	1
E22/S76	19A		II/IIIa	25S1-3	Edge modified flake	1
E22/S76	19A		II/IIIa	25S1-7	Edge modified flake	1
E22/S76	19A		II/IIIa	25S1-5	Micro-core, small	1
E22/S76	19A		II/IIIa	25S1-4	Microspur/microdenticulate	1
E22/S76	19A		II/IIIa	25S1-2	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S76	19B		II/IIIa	25S2-1	Bifacial tool	1
E22/S76	19B		II/IIIa	25S2-2	Burin	1
E22/S76	19B		II/IIIa		Debitage	318
E22/S76	19B		II/IIIa	25S2-4	Notched flake	1
E22/S76	19B		II/IIIa	25S2C-7	Notched flake	1
E22/S76	19B		II/IIIa	25S2-3	Piece esquillee	1
E22/S76	20A		II/IIIa	25T1A-1	Biface Stage 1	1
E22/S76	20A		II/IIIa	25T1C-3	Burin spall	1
E22/S76	20A		II/IIIa	25T1B-2	Core, thermal	1
E22/S76	20A		II/IIIa		Debitage	292
E22/S76	20B		II		Debitage	235
E22/S76	20B		II	25T2D-4	Edge modified flake	1
E22/S76	20B		II	25T2B-2	Edge modified flake	1
E22/S76	20B		II	25T2C-3	Edge modified flake	1
E22/S76	20B		II	25T2A-1	Spurred flake	1
E22/S76	20B		II	25T2D-5	Uniface, unanalyzed	1
E22/S76	20B		II	25T2A-7	Worked hematite	1
E22/S76	21A		II	25U1C-4	Biface fragment	1
E22/S76	21A		II	25U1B-2	Bifacial tool Form A	1
E22/S76	21A		II		Debitage	209
E22/S76	21A		II	25U1B-1	Edge modified flake	1
E22/S76	21A		II	25U1C-3	Uniface, unanalyzed	1
E22/S76	21B		II	25U2-3	Biface fragment	1
E22/S76	21B		II		Debitage	123
E22/S76	21B		II	25U2-4	Edge modified flake	1
E22/S76	21B		II	25U2-2	Edge modified flake	1
E22/S76	21B		II	25U2-1	Projectile point, St. Mary's Hall	1
E22/S76	22A		II		Debitage	100
E22/S76	22A		II	25V1C-1	Projectile point, parallel side	1
E22/S76	22B		II	25V2B-1	Biface fragment	1
E22/S76	22B		II	25V2D-3	Biface Stage 2	1
E22/S76	22B		II		Debitage	106
E22/S76	22B		II	25V2D-4	Edge modified flake	1
E22/S76	22B		II	25V2C-2	Uniface, unanalyzed	1
E22/S76	23A		II		Debitage	104
E22/S76	23B		II		Debitage	74
E22/S76	23B		II	25W2A-1	Uniface, unanalyzed	1
E22/S76	24A		II		Debitage	75
E22/S76	24A		II	25X1D-2	Edge modified flake	1
E22/S76	24A		II	25X1C-1	Edge modified flake	1
E22/S76	24A		II	25X1D-3	Uniface, unanalyzed	1
E22/S76	24B		Id/II		Debitage	72
E22/S76	25A		Id/II	25Y1D-3	Biface Stage 1	1
E22/S76	25A		Id/II	25Y1C-2	Biface Stage 3	1
E22/S76	25A		Id/II		Debitage	65
E22/S76	25A		Id/II	25Y1A-1	Edge modified flake	1
E22/S76	25B		Id/II		Debitage	58
E22/S76	26A		Id/II		Debitage	51
E22/S76	26A		Id/II	25Z1C-1	Projectile point, Golondrina-Barber	1
E22/S76	26B		Isi-c/Id/II		Debitage	32
E22/S76	27A		Isi-c	25AA1A-1	Biface fragment	1
E22/S76	27A		Isi-c		Debitage	47
E22/S76	27A		Isi-c	25AA1B-2	Thin uniface fragment	1
E22/S76	27B		Isi-c		Debitage	29
E22/S76	27B		Isi-c	25AA2C-4	Projectile point, miscellaneous lanceolate	1
E22/S76	27B		Isi-c	25AA2C-5	Thick uniface	1
E22/S76	27B		Isi-c	25AA2A-1	Thick uniface	1
E22/S76	27B		Isi-c	25AA2A-2	Thin uniface	1
E22/S76	27B		Isi-c	25AA2B-3	Thin uniface	1
E22/S76	28A		Isi-c		Debitage	49
E22/S76	28A		Isi-c	25BB1B-1	Edge modified flake	1
E22/S76	28B		Isi-c	25BB2D-1	Clear Fork biface	1
E22/S76	28B		Isi-c		Debitage	39
E22/S76	29A		Isi-c	25CC1C-2	Core fragment	1
E22/S76	29A		Isi-c		Debitage	25
E22/S76	29A		Isi-c	25CC1A-1	Perforator Group 1	1
E22/S76	29A		Isi-c	25CC1D-3	Thick uniface	1
E22/S76	29B		Isi-c		Debitage	21
E22/S76	29B		Isi-c	25CC2D-1	Notched flake	1
E22/S76	30A		Isi-c		Debitage	36
E22/S76	30A		Isi-c	25DD1B-1	Thin uniface fragment	1
E22/S76	30B		Isi-c	25DD2C-3	Biface fragment	1
E22/S76	30B		Isi-c		Debitage	11
E22/S76	30B		Isi-c	25DD2A-1	Projectile point, Golondrina-Barber	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S76	30B		Isi-c	25DD2B-2	Projectile point, miscellaneous lanceolate	1
E22/S76	31A		Isi/Icl/Isi-c		Debitage	27
E22/S76	31A		Isi/Icl/Isi-c	25EE1B-1	Edge modified flake	1
E22/S76	31B		Isi/Icl/Isi-c	25EE2C-2	Chert cobble, chunk	1
E22/S76	31B		Isi/Icl/Isi-c		Debitage	22
E22/S76	31B		Isi/Icl/Isi-c	25EE2B-1	Projectile point, miscellaneous lanceolate	1
E22/S76	32A		Isi/Icl/Isi-c		Debitage	20
E22/S76	32B		Isi/Icl/Isi-c		Debitage	30
E22/S76	32B		Isi/Icl/Isi-c	25FF2D-1	Edge modified flake	1
E22/S76	33A		Isi/Icl/Isi-c		Debitage	43
E22/S76	33A		Isi/Icl/Isi-c	25GG1D-1	Edge modified flake	1
E22/S76	33B		Isi/Icl		Debitage	45
E22/S76	34A		Isi/Icl		Debitage	42
E22/S76	34B		Isi/Icl		Debitage	35
E22/S76	35A		Isi/Icl		Debitage	44
E22/S76	35A		Isi/Icl	25II1C-2	Edge modified flake	1
E22/S76	35A		Isi/Icl	25II1C-1	Edge modified flake	1
E22/S76	35B		Isi		Debitage	43
E22/S76	36A		Isi/D?	25JJ1C-2	Biface fragment	1
E22/S76	36A		Isi/D?		Debitage	10
E22/S76	36A		Isi/D?	25JJ1B-1	Unifacial multiple tool	1
E22/S76	36B		Isi/D?		Debitage	11
E22/S76	36B		Isi/D?	25JJ2B-1	Edge modified flake	1
E22/S76	36B		Isi/D?	25JJ2D-2	Thin uniface	1
E22/S76	37A		Isi		Debitage	4
E22/S76	37A		Isi	25KK1A-1	Edge modified flake	1
E22/S76	37B		Isi		Debitage	1
E22/S76	38A		Isi		Debitage	1
E22/S78	2		IIIc	24B	Projectile point, Montell	1
E22/S78	4		IIIc	24D	Core tool, type 4	1
E22/S78	15		IIIa/b	24O-1	Biface Stage 2	1
E22/S78	15		IIIa/b	24O-2	Biface Stage 2	1
E22/S78	15		IIIa/b		Debitage	1173
E22/S78	15		IIIa/b	24O-7	Edge modified flake	1
E22/S78	15		IIIa/b	24O-14	Edge modified flake	1
E22/S78	15		IIIa/b	24O-10	Edge modified flake	1
E22/S78	15		IIIa/b	24O-6	Edge modified flake	1
E22/S78	15		IIIa/b	24O-13	Microspur/microdenticulate	1
E22/S78	15		IIIa/b	24O-3	Projectile point fragment	1
E22/S78	15		IIIa/b	24O-4	Retouched blade	1
E22/S78	15		IIIa/b	24O-9	Unifacial multiple tool	1
E22/S78	16A		IIIa	24P1-3	Biface Stage 2	1
E22/S78	16A		IIIa	24P1-1	Bifacial tool Form B	1
E22/S78	16A		IIIa	24P1-4	Core, multidirectional	1
E22/S78	16A		IIIa		Debitage	219
E22/S78	16A		IIIa	24P1-5	Edge modified flake	1
E22/S78	16A		IIIa	24P1-6	Unifacial multiple tool	1
E22/S78	16A	Feature 123	IIIa	24P1-2	Biface Stage 2	1
E22/S78	16A	Feature 123	IIIa		Debitage	129
E22/S78	16B		IIIa	24P2-1	Burin	1
E22/S78	16B		IIIa		Debitage	536
E22/S78	16B		IIIa	24P2-2	Edge modified flake	1
E22/S78	16B	Feature 123	IIIa	24P2-3	Projectile point, Gower	1
E22/S78	17A		IIIa	24Q1-2	Biface Stage 1	1
E22/S78	17A		IIIa	24Q1-1	Bifacial tool Form A	1
E22/S78	17A		IIIa		Debitage	710
E22/S78	17A		IIIa	24Q1-7	Edge modified flake	1
E22/S78	17A		IIIa	24Q1-5	Microspur/microdenticulate	1
E22/S78	17A		IIIa	24Q1-4	Microspur/microdenticulate	1
E22/S78	17A		IIIa	24Q1-3	Spurred flake	1
E22/S78	17A		IIIa	24Q1-6	Uniface, unanalyzed	1
E22/S78	17B		IIIa	24Q2-3	Biface Stage 3	1
E22/S78	17B		IIIa	24Q2-2	Burin spall	1
E22/S78	17B		IIIa	24Q2-1	Core, multidirectional	1
E22/S78	17B		IIIa		Debitage	617
E22/S78	18A		IIIa		Debitage	554
E22/S78	18A		IIIa	24R1-1	Projectile point, miscellaneous lanceolate	1
E22/S78	18A		IIIa	24R1-2	Worked hematite	1
E22/S78	18B		II/IIIa	24R2-1	Biface fragment	1
E22/S78	18B		II/IIIa	24R2-5	Burin	1
E22/S78	18B		II/IIIa	24R2-4	Burin spall	1
E22/S78	18B		II/IIIa	24R2-11	Burin spall	1
E22/S78	18B		II/IIIa	24R2-3	Clear Fork biface	1
E22/S78	18B		II/IIIa	24R2-2	Core fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S78	18B		II/IIIa		Debitage	335
E22/S78	18B		II/IIIa	24R2-6	Edge modified flake	1
E22/S78	18B		II/IIIa	24R2-7	Thin uniface	1
E22/S78	19A		II/IIIa		Debitage	287
E22/S78	19A		II/IIIa	24S1-2	Edge modified flake	1
E22/S78	19A		II/IIIa	24S1-6	Projectile point fragment	1
E22/S78	19A		II/IIIa	24S1-5	Small core hammerstone	1
E22/S78	19A		II/IIIa	24S1-4	Spurred flake	1
E22/S78	19A		II/IIIa	24S1-1	Uniface, unanalyzed	1
E22/S78	19A		II/IIIa	24S1-3	Uniface, unanalyzed	1
E22/S78	19B		II/IIIa	24S2A-2	Biface fragment	1
E22/S78	19B		II/IIIa	24S2A-4	Chert cobble, chunk	1
E22/S78	19B		II/IIIa		Debitage	267
E22/S78	19B		II/IIIa	24S2A-3	Edge modified flake	1
E22/S78	19B		II/IIIa	24S2C-6	Edge modified flake	1
E22/S78	19B		II/IIIa	24S2D-8	Edge modified flake	1
E22/S78	19B		II/IIIa	24S2B-5	Uniface, unanalyzed	1
E22/S78	19B		II/IIIa	24S2-1	Unifacial multiple tool	1
E22/S78	20A		II	24T1C-3	Biface fragment	1
E22/S78	20A		II	24T1D-5	Biface Stage 1	1
E22/S78	20A		II	24T1D-6	Biface Stage 2	1
E22/S78	20A		II		Debitage	252
E22/S78	20A		II	24T1C-4	Edge modified flake	1
E22/S78	20A		II	24T1A-1	Edge modified flake	1
E22/S78	20A		II	24T1D-9	Edge modified flake	1
E22/S78	20A		II	24T1D-7	Projectile point fragment	1
E22/S78	20A		II	24T1D-8	Uniface, unanalyzed	1
E22/S78	20A		II	24T1B-2	Uniface, unanalyzed	1
E22/S78	20B		II		Debitage	253
E22/S78	21A		II	24U1A-3	Core, thermal	1
E22/S78	21A		II	24U1B-4	Core, thermal	1
E22/S78	21A		II		Debitage	190
E22/S78	21A		II	24U1C-5	Notched flake	1
E22/S78	21A		II	24U1A-2	Projectile point fragment	1
E22/S78	21A		II	24U1-1	Projectile point, Big Sandy	1
E22/S78	21B		II	24U2C-4	Biface Stage 2	1
E22/S78	21B		II	24U2-1	Biface Stage 3	1
E22/S78	21B		II	24U2-2	Burin	1
E22/S78	21B		II		Debitage	113
E22/S78	21B		II	24U2-4	Microspur/microdenticulate	1
E22/S78	21B		II	24U2-3	Uniface, unanalyzed	1
E22/S78	22A		II	24V1D-2	Burin	1
E22/S78	22A		II		Debitage	76
E22/S78	22B		II		Debitage	122
E22/S78	22B		II	24V2C-1	Projectile point fragment	1
E22/S78	22B		II	24V2C-2	Thin uniface	1
E22/S78	23A		II		Debitage	163
E22/S78	23A		II	24W1B-2	Edge modified flake	1
E22/S78	23A		II	24W1B-1	Uniface, unanalyzed	1
E22/S78	23B		Id/II		Debitage	108
E22/S78	23B		Id/II	24W2A-1	Edge modified flake	1
E22/S78	23B		Id/II	24W2D-2	Thin uniface	1
E22/S78	24A		Id/II		Debitage	83
E22/S78	24A		Id/II	24X1D-1	Thick uniface	1
E22/S78	24B		Id/II		Debitage	64
E22/S78	24B		Id/II	24X2B-2	Thin uniface fragment	1
E22/S78	24B		Id/II	24X2A-1	Uniface, unanalyzed	1
E22/S78	24B		Id/II	24X2C-4	Unifacial multiple tool	1
E22/S78	25A		Id/II		Debitage	67
E22/S78	25A		Id/II	24Y1B-1	Edge modified flake	1
E22/S78	25A		Id/II	24Y1B-2	Edge modified flake	1
E22/S78	25B		Isi-c/Id		Debitage	55
E22/S78	25B		Isi-c/Id	24Y2C-3	Micro-core, small	1
E22/S78	25B		Isi-c/Id	24Y2B-2	Thin uniface	1
E22/S78	26A	Feature 163	Isi-c/Id	24Z1C-1	Biface Stage 2	1
E22/S78	26A	Feature 163	Isi-c/Id		Debitage	34
E22/S78	26A	Feature 163	Isi-c/Id	24Z1D-3	Thin uniface	1
E22/S78	26B		Isi-c/Id	24Z2D-1	Core tool, type 4	1
E22/S78	26B		Isi-c/Id		Debitage	39
E22/S78	27A		Isi-c		Debitage	29
E22/S78	27B		Isi-c	24AA2B-2	Core fragment	1
E22/S78	27B		Isi-c	24AA2C-4	Core, thermal	1
E22/S78	27B		Isi-c		Debitage	32
E22/S78	27B		Isi-c	24AA2C-3	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S78	27B	Feature 78	Isi-c	24AA2B-1	Edge modified flake	1
E22/S78	28A		Isi-c		Debitage	28
E22/S78	28A		Isi-c	24BB1D-1	Possible ground stone	1
E22/S78	28B		Isi/Isi-c		Debitage	31
E22/S78	29A		Isi/Isi-c		Debitage	58
E22/S78	29A		Isi/Isi-c	24CC1B-1	Edge modified flake	1
E22/S78	29B		Isi/Isi-c		Debitage	39
E22/S78	29B		Isi/Isi-c	24CC2C-1	Edge modified flake	1
E22/S78	30A		Isi/Isi-c		Debitage	47
E22/S78	30A		Isi/Isi-c	24DD1C-1	Uniface, unanalyzed	1
E22/S78	30A		Isi/Isi-c	24DD1C-2	Uniface, unanalyzed	1
E22/S78	30B		Isi/Isi-c		Debitage	54
E22/S78	31A		Isi/Isi-c	24EE1B-1	Biface Stage 2	1
E22/S78	31A		Isi/Isi-c		Debitage	60
E22/S78	31B		Isi/Icl/Isi-c	24EE2A-1	Core, thermal	1
E22/S78	31B		Isi/Icl/Isi-c		Debitage	17
E22/S78	32A		Isi/Icl/Isi-c		Debitage	52
E22/S78	32B		Isi/Icl/Isi-c		Debitage	37
E22/S78	32B		Isi/Icl/Isi-c	24FF2B-1	Large core hammerstone	1
E22/S78	33A		Isi/Icl		Debitage	28
E22/S78	33A		Isi/Icl	24GG1B	Uniface, unanalyzed	1
E22/S78	33B		Isi		Debitage	15
E22/S78	34A		Isi		Debitage	15
E22/S78	34B		Isi		Debitage	9
E22/S78	35A		Isi		Debitage	9
E22/S78	35B		Isi		Debitage	4
E22/S78	36A		Isi		Debitage	6
E22/S78	36B		Isi		Debitage	2
E22/S78	37A		Isi		Debitage	7
E22/S78	37B		Isi		Debitage	1
E22/S80	6		IIIc	23F-8	Biface fragment	1
E22/S80	6		IIIc	23F-7	Biface Stage 2	1
E22/S80	6		IIIc	23F-6	Biface Stage 3	1
E22/S80	6		IIIc		Debitage	612
E22/S80	6		IIIc	23F-5	Perforator Group 7	1
E22/S80	6		IIIc	23F-1	Projectile point, Marcos	1
E22/S80	6		IIIc	23F-2	Projectile point, miscellaneous expanding stem	1
E22/S80	6		IIIc	23F-4	Projectile point, square stem	1
E22/S80	6		IIIc	23F-3	Biface Stage 3	1
E22/S80	7		IIIb/c	23G-5	Biface fragment	1
E22/S80	7		IIIb/c	23G-4	Biface Stage 2	1
E22/S80	7		IIIb/c	23G-7	Chert cobble, chunk	1
E22/S80	7		IIIb/c		Debitage	656
E22/S80	7		IIIb/c	23G-10	Edge modified flake	1
E22/S80	7		IIIb/c	23G-11	Edge modified flake	1
E22/S80	7		IIIb/c	23G-9	Edge modified flake	1
E22/S80	7		IIIb/c	23G-8	Edge modified flake	1
E22/S80	7		IIIb/c	23G-6	Edge modified flake	1
E22/S80	7		IIIb/c	23G-12	Notched flake	1
E22/S80	7		IIIb/c	23G-3	Projectile point, bifurcate stem fragment	1
E22/S80	7		IIIb/c	23G-1	Projectile point, expanding concave D	1
E22/S80	7		IIIb/c	23G-2	Projectile point, rectangular stem B	1
E22/S80	8		IIIb/c	23H-6	Biface fragment	1
E22/S80	8		IIIb/c	23H-14	Biface fragment	1
E22/S80	8		IIIb/c	23H-7	Biface Stage 2	1
E22/S80	8		IIIb/c	23H-5	Biface Stage 2	1
E22/S80	8		IIIb/c	23H-8	Biface Stage 2	1
E22/S80	8		IIIb/c	23H-9	Biface Stage 3	1
E22/S80	8		IIIb/c	23H-3	Bifacial tool Form B	1
E22/S80	8		IIIb/c		Debitage	623
E22/S80	8		IIIb/c	23H-15	Edge modified flake	1
E22/S80	8		IIIb/c	23H-16	Edge modified flake	1
E22/S80	8		IIIb/c	23H-2	Metate fragment	1
E22/S80	8		IIIb/c	23H-19	Notched flake	1
E22/S80	8		IIIb/c	23H-12	Perforator Group 2	1
E22/S80	8		IIIb/c	23H-4	Projectile point fragment	1
E22/S80	8		IIIb/c	23H-13	Projectile point fragment	1
E22/S80	8		IIIb/c	23H-10	Projectile point, rectangular stem A	1
E22/S80	8		IIIb/c	23H-11	Projectile point, Travis	1
E22/S80	8		IIIb/c	23H-18	Thin uniface fragment	1
E22/S80	9		IIIb	23I-5	Biface fragment	1
E22/S80	9		IIIb	23I-4	Biface Stage 2	1
E22/S80	9		IIIb		Debitage	505
E22/S80	9		IIIb	23I-8	Denticulated flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S80	9		IIIb	23I-3	Edge modified flake	1
E22/S80	9		IIIb	23I-10	Edge modified flake	1
E22/S80	9		IIIb	23I-7	Projectile point fragment	1
E22/S80	9		IIIb	23I-6	Projectile point fragment	1
E22/S80	9		IIIb	23I-1	Projectile point, expanding stem C	1
E22/S80	9		IIIb	23I-2	Projectile point, Travis	1
E22/S80	9		IIIb	23I-9	Thin uniface	1
E22/S80	9		IIIb	23I-11	Thin uniface fragment	1
E22/S80	10		IIIb	23J-5	Biface fragment	1
E22/S80	10		IIIb	23J-1	Biface Stage 2	1
E22/S80	10		IIIb	23J-2	Biface Stage 2	1
E22/S80	10		IIIb	23J-4	Biface Stage 2	1
E22/S80	10		IIIb	23J-3	Bifacial tool	1
E22/S80	10		IIIb	23J-6	Core tool, type 1	1
E22/S80	10		IIIb		Debitage	529
E22/S80	10		IIIb	23J-11	Edge modified flake	1
E22/S80	10		IIIb	23J-17	Edge modified flake	1
E22/S80	10		IIIb	23J-18	Edge modified flake	1
E22/S80	10		IIIb	23J-12	Edge modified flake	1
E22/S80	10		IIIb	23J-14	Edge modified flake	1
E22/S80	10		IIIb	23J-8	Edge modified flake	1
E22/S80	10		IIIb	23J-19	Edge modified flake	1
E22/S80	10		IIIb	23J-13	Thick uniface	1
E22/S80	10		IIIb	23J-21	Thin uniface fragment	1
E22/S80	10		IIIb	23J-16	Uniface, unanalyzed	1
E22/S80	10		IIIb	23J-9	Uniface, unanalyzed	1
E22/S80	10		IIIb	23J-15	Unifacial multiple tool	1
E22/S80	10		IIIb	23J-7	Unifacial multiple tool	1
E22/S80	11		IIIb		Debitage	498
E22/S80	11		IIIb	23K-3	Microspur/microdenticulate	1
E22/S80	11		IIIb	23K-1	Projectile point, expanding concave D	1
E22/S80	11		IIIb	23K-2	Thin uniface	1
E22/S80	11		IIIb	23K-4	Unifacial multiple tool	1
E22/S80	12		IIIb	23L-13	Biface fragment	1
E22/S80	12		IIIb	23L-1	Biface fragment	1
E22/S80	12		IIIb	23L-10	Biface fragment	1
E22/S80	12		IIIb	23L-2	Biface Stage 2	1
E22/S80	12		IIIb	23L-21	Biface Stage 2	1
E22/S80	12		IIIb	23L-5	Chert cobble, chunk	1
E22/S80	12		IIIb	23L-4	Core fragment	1
E22/S80	12		IIIb	23L-3	Core tool, type 2	1
E22/S80	12		IIIb		Debitage	910
E22/S80	12		IIIb	23L-16	Denticulated flake	1
E22/S80	12		IIIb	23L-11	Edge modified flake	1
E22/S80	12		IIIb	23L-15	Edge modified flake	1
E22/S80	12		IIIb	23L-20	Edge modified flake	1
E22/S80	12		IIIb	23L-12	Edge modified flake	1
E22/S80	12		IIIb	23L-23	Edge modified flake	1
E22/S80	12		IIIb	23L-8	Microspur/microdenticulate	1
E22/S80	12		IIIb	23L-6	Projectile point, miscellaneous lanceolate	1
E22/S80	12		IIIb	23L-7	Projectile point, rectangular stem C	1
E22/S80	12		IIIb	23L-9	Thin uniface	1
E22/S80	12		IIIb	23L-24	Thin uniface	1
E22/S80	12		IIIb	23L-22	Thin uniface fragment	1
E22/S80	12		IIIb	23L-17	Uniface, unanalyzed	1
E22/S80	13		IIIa/b	23M-5	Biface fragment	1
E22/S80	13		IIIa/b	23M-8	Biface Stage 2	1
E22/S80	13		IIIa/b	23M-19	Biface Stage 2	1
E22/S80	13		IIIa/b	23M-7	Biface Stage 3	1
E22/S80	13		IIIa/b	23M-18	Bifacial tool Form B	1
E22/S80	13		IIIa/b	23M-13	Burin	1
E22/S80	13		IIIa/b		Debitage	1687
E22/S80	13		IIIa/b	23M-16	Edge modified flake	1
E22/S80	13		IIIa/b	23M-11	Edge modified flake	1
E22/S80	13		IIIa/b	23M-12	Edge modified flake	1
E22/S80	13		IIIa/b	23M-14	Edge modified flake	1
E22/S80	13		IIIa/b	23M-22	Edge modified flake	1
E22/S80	13		IIIa/b	23M-4	Edge modified flake	1
E22/S80	13		IIIa/b	23M-21	Edge modified flake	1
E22/S80	13		IIIa/b	23M-20	Edge modified flake	1
E22/S80	13		IIIa/b	23M-23	Edge modified flake	1
E22/S80	13		IIIa/b	23M-17	Edge modified flake	1
E22/S80	13		IIIa/b	23M-15	Notched flake	1
E22/S80	13		IIIa/b	23M-6	Perforator Group 7	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S80	13		IIIa/b	23M-9	Projectile point fragment	1
E22/S80	13		IIIa/b	23M-3	Projectile point fragment	1
E22/S80	13		IIIa/b	23M-1	Projectile point, Bandy	1
E22/S80	13		IIIa/b	23M-2	Projectile point, Gower	1
E22/S80	13		IIIa/b	23M-25	Thin uniface	1
E22/S80	13		IIIa/b	23M-10	Thin uniface	1
E22/S80	13		IIIa/b	23M-24	Unifacial multiple tool	1
E22/S80	15		IIIa	23O-2	Biface fragment	1
E22/S80	15		IIIa	23O-21	Biface fragment	1
E22/S80	15		IIIa	23O-7	Biface Stage 1	1
E22/S80	15		IIIa	23O-4	Biface Stage 1	1
E22/S80	15		IIIa	23O-5	Biface Stage 2	1
E22/S80	15		IIIa	23O-1	Biface Stage 3	1
E22/S80	15		IIIa	23O-17	Burin spall	1
E22/S80	15		IIIa		Debitage	1180
E22/S80	15		IIIa	23O-14	Edge modified flake	1
E22/S80	15		IIIa	23O-19	Edge modified flake	1
E22/S80	15		IIIa	23O-20	Edge modified flake	1
E22/S80	15		IIIa	23O-18	Notched flake	1
E22/S80	15		IIIa	23O-16	Notched flake	1
E22/S80	15		IIIa	23O-3	Perforator Group 1	1
E22/S80	15		IIIa	23O-8	Projectile point fragment	1
E22/S80	15		IIIa	23O-9	Projectile point, Gower/Jetta	1
E22/S80	15		IIIa	23O-13	Thick uniface	1
E22/S80	15		IIIa	23O-12	Thick uniface	1
E22/S80	15		IIIa	23O-15	Thin uniface	1
E22/S80	15		IIIa	23O-10	Thin uniface	1
E22/S80	15		IIIa	23O-11	Unifacial multiple tool	1
E22/S80	16		IIIa	23P-4	Biface fragment	1
E22/S80	16		IIIa	23P-14	Biface fragment	1
E22/S80	16		IIIa	23P-6	Biface Stage 2	1
E22/S80	16		IIIa	23P-5	Biface Stage 2	1
E22/S80	16		IIIa	23P-12	Burin spall	1
E22/S80	16		IIIa		Debitage	954
E22/S80	16		IIIa	23P-3	Edge modified flake	1
E22/S80	16		IIIa	23P-16	Edge modified flake	1
E22/S80	16		IIIa	23P-13	Edge modified flake	1
E22/S80	16		IIIa	23P-11	Edge modified flake	1
E22/S80	16		IIIa	23P-2	Mano	1
E22/S80	16		IIIa	23P-15	Micro-core, small	1
E22/S80	16		IIIa	23P-7	Microspur/microdenticulate	1
E22/S80	16		IIIa	23P-1	Projectile point, Angostura	1
E22/S80	16		IIIa	23P-17	Thin uniface	1
E22/S80	16		IIIa	23P-8	Unifacial multiple tool	1
E22/S80	17		II/IIIa	23Q-13	Burin spall	1
E22/S80	17		II/IIIa	23Q-6	Core fragment	1
E22/S80	17		II/IIIa	23Q-2	Core tool, type 2	1
E22/S80	17		II/IIIa		Debitage	1156
E22/S80	17		II/IIIa	23Q-11	Edge modified flake	1
E22/S80	17		II/IIIa	23Q-10	Edge modified flake	1
E22/S80	17		II/IIIa	23Q-9	Edge modified flake	1
E22/S80	17		II/IIIa	23Q-7	Microspur/microdenticulate	1
E22/S80	17		II/IIIa	23Q-4	Projectile point fragment	1
E22/S80	17		II/IIIa	23Q-1	Projectile point, Golondrina-Barber	1
E22/S80	17		II/IIIa	23Q-8	Projectile point, miscellaneous lanceolate	1
E22/S80	17		II/IIIa	23Q-3	Thick uniface	1
E22/S80	17		II/IIIa	23Q-12	Uniface, unanalyzed	1
E22/S80	17		II/IIIa	23Q-5	Unifacial multiple tool	1
E22/S80	17		II/IIIa	23Q-14	Worked hematite	1
E22/S80	18		II		Debitage	742
E22/S80	18		II	23R-9	Edge modified flake	1
E22/S80	18		II	23R-8	Edge modified flake	1
E22/S80	18		II	23R-10	Edge modified flake	1
E22/S80	18		II	23R-3	Edge modified flake	1
E22/S80	18		II	23R-2	Edge modified flake	1
E22/S80	18		II	23R-7	Thin uniface	1
E22/S80	18		II	23R-6	Uniface, unanalyzed	1
E22/S80	19		II	23S-1	Biface Stage 2	1
E22/S80	19		II	23S-3	Burin spall	1
E22/S80	19		II		Debitage	717
E22/S80	19		II	23S-4	Edge modified flake	1
E22/S80	19		II	23S-8	Edge modified flake	1
E22/S80	19		II	23S-7	Notched flake	1
E22/S80	19		II	23S-2	Projectile point, miscellaneous lanceolate	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S80	19	Feature 76	II	23S-6	Spurred flake	1
E22/S80	19		II	23S-10	Uniface, unanalyzed	1
E22/S80	19		II	23S-9	Uniface, unanalyzed	1
E22/S80	19		II	23S-11	Unifacial multiple tool	1
E22/S80	19		II	23S-5	Unifacial multiple tool	1
E22/S80	20		II		Debitage	201
E22/S80	20		II	23T-1	Microspur/microdenticulate	1
E22/S80	21		II	23U-2	Biface Stage 1	1
E22/S80	21		II	23U-1	Biface Stage 2	1
E22/S80	21		II		Debitage	56
E22/S80	21		II	23U-3	Projectile point, Hoxie	1
E22/S80	21		II	23U-4	Uniface, unanalyzed	1
E22/S80	22		Id/II	23V-1	Biface Stage 2	1
E22/S80	23		Id/II		Debitage	170
E22/S80	23		Id/II	23W-2	Projectile point, miscellaneous lanceolate	1
E22/S80	23		Id/II	23W-1	Thick uniface	1
E22/S80	23		Id/II	23W-3	Thick uniface	1
E22/S80	24		Isi-c/Id	23X-4	Biface fragment	1
E22/S80	24		Isi-c/Id	23X-1	Core fragment	1
E22/S80	24		Isi-c/Id		Debitage	187
E22/S80	24		Isi-c/Id	23X-2	Edge modified flake	1
E22/S80	24		Isi-c/Id	23X-3	Unifacial multiple tool	1
E22/S80	25		Isi-c		Debitage	80
E22/S80	25		Isi-c	23Y-1	Notched flake	1
E22/S80	25		Isi-c	23Y-2	Uniface, unanalyzed	1
E22/S80	26		Isi-c		Debitage	51
E22/S80	26		Isi-c	23Z-1	Edge modified flake	1
E22/S80	26		Isi-c	23Z-2	Projectile point, Wilson	1
E22/S80	27		Isi/Isi-c	23AA-1	Biface Stage 1	1
E22/S80	27		Isi/Isi-c		Debitage	42
E22/S82	6		IIIb/c	22F-7	Biface Stage 3	1
E22/S82	6		IIIb/c		Debitage	505
E22/S82	6		IIIb/c	22F-11	Denticulated flake	1
E22/S82	6		IIIb/c	22F-10	Edge modified flake	1
E22/S82	6		IIIb/c	22F-8	Edge modified flake	1
E22/S82	6		IIIb/c	22F-15	Edge modified flake	1
E22/S82	6		IIIb/c	22F-14	Edge modified flake	1
E22/S82	6		IIIb/c	22F-12	Edge modified flake	1
E22/S82	6		IIIb/c	22F-9	Edge modified flake	1
E22/S82	6		IIIb/c	22F-5	Projectile point fragment	1
E22/S82	6		IIIb/c	22F-6	Projectile point fragment	1
E22/S82	6		IIIb/c	22F-4	Projectile point, Bell/Andice	1
E22/S82	6		IIIb/c	22F-1	Projectile point, Montell	1
E22/S82	6		IIIb/c	22F-3	Projectile point, Montell	1
E22/S82	6		IIIb/c	22F-13	Unifacial multiple tool	1
E22/S82	6		IIIb/c	22F-2	Projectile point, Montell	1
E22/S82	7		IIIb/c	22G-5	Biface fragment	1
E22/S82	7		IIIb/c	22G-3	Biface Stage 2	1
E22/S82	7		IIIb/c	22G-2	Biface Stage 2	1
E22/S82	7		IIIb/c	22G-4	Biface Stage 2	1
E22/S82	7		IIIb/c	22G-8	Biface Stage 3	1
E22/S82	7		IIIb/c	22G-9	Biface Stage 3	1
E22/S82	7		IIIb/c	22G-7	Biface Stage 3	1
E22/S82	7		IIIb/c		Debitage	794
E22/S82	7		IIIb/c	22G-10	Notched flake	1
E22/S82	7		IIIb/c	22G-6	Projectile point fragment	1
E22/S82	7		IIIb/c	22G-1	Projectile point, Uvalde-like	1
E22/S82	8		IIIb/c	22H-9	Biface Stage 2	1
E22/S82	8		IIIb/c	22H-10	Biface Stage 2	1
E22/S82	8		IIIb/c	22H-11	Biface Stage 2	1
E22/S82	8		IIIb/c	22H-12	Biface Stage 2	1
E22/S82	8		IIIb/c	22H-13	Core tool, type 4	1
E22/S82	8		IIIb/c	22H-8	Core tool, type 5	1
E22/S82	8		IIIb/c		Debitage	502
E22/S82	8		IIIb/c	22H-17	Denticulated flake	1
E22/S82	8		IIIb/c	22H-15	Edge modified flake	1
E22/S82	8		IIIb/c	22H-18	Edge modified flake	1
E22/S82	8		IIIb/c	22H-14	Edge modified flake	1
E22/S82	8		IIIb/c	22H-22	Edge modified flake	1
E22/S82	8		IIIb/c	22H-5	Mano fragment	1
E22/S82	8		IIIb/c	22H-6	Mano fragment	1
E22/S82	8		IIIb/c	22H-1	Projectile point, Bulverde-like	1
E22/S82	8		IIIb/c	22H-3	Projectile point, Nolan	1
E22/S82	8		IIIb/c	22H-2	Projectile point, Nolan	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S82	8		IIIb/c	22H-4	Projectile point, rectangular stem A	1
E22/S82	8		IIIb/c	22H-23	Thin uniface	1
E22/S82	8		IIIb/c	22H-16	Uniface, unanalyzed	1
E22/S82	8		IIIb/c	22H-19	Uniface, unanalyzed	1
E22/S82	8		IIIb/c	22H-20	Uniface, unanalyzed	1
E22/S82	8		IIIb/c	22H-21	Uniface, unanalyzed	1
E22/S82	9		IIIb	22I-3	Biface Stage 1	1
E22/S82	9		IIIb	22I-5	Biface Stage 2	1
E22/S82	9		IIIb	22I-4	Biface Stage 2	1
E22/S82	9		IIIb	22I-6	Bifacial tool Form F	1
E22/S82	9		IIIb		Debitage	685
E22/S82	9		IIIb	22I-17	Edge modified flake	1
E22/S82	9		IIIb	22I-18	Edge modified flake	1
E22/S82	9		IIIb	22I-16	Edge modified flake	1
E22/S82	9		IIIb	22I-15	Edge modified flake	1
E22/S82	9		IIIb	22I-1	Metate fragment	1
E22/S82	9		IIIb	22I-7	Notched flake	1
E22/S82	9		IIIb	22I-2	Projectile point, miscellaneous lanceolate	1
E22/S82	9		IIIb	22I-14	Thin uniface	1
E22/S82	9		IIIb	22I-13	Thin uniface	1
E22/S82	9		IIIb	22I-8B	Thin uniface fragment	1
E22/S82	9		IIIb	22I-11	Uniface, unanalyzed	1
E22/S82	9		IIIb	22I-12	Uniface, unanalyzed	1
E22/S82	9		IIIb	22I-9	Uniface, unanalyzed	1
E22/S82	9		IIIb	22I-10	Uniface, unanalyzed	1
E22/S82	9		IIIb	22I-8A	Unifacial multiple tool	1
E22/S82	10		IIIb	22J-2	Biface Stage 1	1
E22/S82	10		IIIb	22J-1	Biface Stage 2	1
E22/S82	10		IIIb	22J-6	Biface Stage 2	1
E22/S82	10		IIIb	22J-5	Biface Stage 2	1
E22/S82	10		IIIb	22J-4	Biface Stage 2	1
E22/S82	10		IIIb	22J-3	Bifacial tool Form H	1
E22/S82	10		IIIb	22J-7	Burin	1
E22/S82	10		IIIb		Debitage	664
E22/S82	10		IIIb	22J-9	Denticulated flake	1
E22/S82	10		IIIb	22J-12	Edge modified flake	1
E22/S82	10		IIIb	22J-11	Edge modified flake	1
E22/S82	10		IIIb	22J-10	Uniface, unanalyzed	1
E22/S82	10		IIIb	22J-8	Unifacial multiple tool	1
E22/S82	11		IIIb	22K-2	Biface Stage 2	1
E22/S82	11		IIIb	22K-3	Biface Stage 2	1
E22/S82	11		IIIb	22K-4	Burin spall	1
E22/S82	11		IIIb		Debitage	429
E22/S82	11		IIIb	22K-5	Microspur/microdenticulate	1
E22/S82	11		IIIb	22K-6	Piece esquillee	1
E22/S82	11		IIIb	22K-1	Projectile point, indeterminate	1
E22/S82	12		IIIb	22L-4	Biface fragment	1
E22/S82	12		IIIb	22L-10	Biface Stage 1	1
E22/S82	12		IIIb	22L-2	Biface Stage 2	1
E22/S82	12		IIIb	22L-16	Biface Stage 2	1
E22/S82	12		IIIb	22L-3	Biface Stage 2	1
E22/S82	12		IIIb	22L-9	Biface Stage 2	1
E22/S82	12		IIIb	22L-7	Burin spall	1
E22/S82	12		IIIb	22L-8	Burin spall	1
E22/S82	12		IIIb		Debitage	1695
E22/S82	12		IIIb	22L-18	Edge modified flake	1
E22/S82	12		IIIb	22L-19	Edge modified flake	1
E22/S82	12		IIIb	22L-12	Edge modified flake	1
E22/S82	12		IIIb	22L-14	Edge modified flake	1
E22/S82	12		IIIb	22L-6	Projectile point fragment	1
E22/S82	12		IIIb	22L-5	Projectile point fragment	1
E22/S82	12		IIIb	22L-1	Projectile point, bifurcate stem fragment	1
E22/S82	12		IIIb	22L-17	Thin uniface	1
E22/S82	12		IIIb	22L-15	Thin uniface fragment	1
E22/S82	13		IIIa/b	22M-29	Biface fragment	1
E22/S82	13		IIIa/b	22M-5	Biface fragment	1
E22/S82	13		IIIa/b	22M-4	Biface Stage 2	1
E22/S82	13		IIIa/b	22M-10	Biface Stage 2	1
E22/S82	13		IIIa/b	22M-6	Burin spall	1
E22/S82	13		IIIa/b	22M-7	Burin spall	1
E22/S82	13		IIIa/b		Debitage	1148
E22/S82	13		IIIa/b	22M-8	Denticulated flake	1
E22/S82	13		IIIa/b	22M-20	Edge modified flake	1
E22/S82	13		IIIa/b	22M-11	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S82	13		IIIa/b	22M-36	Edge modified flake	1
E22/S82	13		IIIa/b	22M-9	Edge modified flake	1
E22/S82	13		IIIa/b	22M-18	Edge modified flake	1
E22/S82	13		IIIa/b	22M-21	Edge modified flake	1
E22/S82	13		IIIa/b	22M-28	Edge modified flake	1
E22/S82	13		IIIa/b	22M-24	Edge modified flake	1
E22/S82	13		IIIa/b	22M-22	Edge modified flake	1
E22/S82	13		IIIa/b	22M-34	Edge modified flake	1
E22/S82	13		IIIa/b	22M-33	Edge modified flake	1
E22/S82	13		IIIa/b	22M-31	Edge modified flake	1
E22/S82	13		IIIa/b	22M-19	Edge modified flake	1
E22/S82	13		IIIa/b	22M-14	Notched flake	1
E22/S82	13		IIIa/b	22M-2	Projectile point, Hoxie	1
E22/S82	13		IIIa/b	22M-1	Projectile point, Hoxie C	1
E22/S82	13		IIIa/b	22M-3	Projectile point, indeterminate	1
E22/S82	13		IIIa/b	22M-17	Uniface, unanalyzed	1
E22/S82	13		IIIa/b	22M-15	Uniface, unanalyzed	1
E22/S82	13		IIIa/b	22M-13	Uniface, unanalyzed	1
E22/S82	13		IIIa/b	22M-12	Uniface, unanalyzed	1
E22/S82	13		IIIa/b	22M-27	Uniface, unanalyzed	1
E22/S82	13		IIIa/b	22M-25	Uniface, unanalyzed	1
E22/S82	13		IIIa/b	22M-26	Unifacial multiple tool	1
E22/S82	14		IIIa	22N-4	Biface fragment	1
E22/S82	14		IIIa	22N-5	Biface fragment	1
E22/S82	14		IIIa	22N-11	Biface fragment	1
E22/S82	14		IIIa	22N-2	Biface Stage 1	1
E22/S82	14		IIIa	22N-3	Biface Stage 3	1
E22/S82	14		IIIa		Debitage	1091
E22/S82	14		IIIa	22N-7	Edge modified flake	1
E22/S82	14		IIIa	22N-8	Edge modified flake	1
E22/S82	14		IIIa	22N-10	Edge modified flake	1
E22/S82	14		IIIa	22N-9	Edge modified flake	1
E22/S82	14		IIIa	22N-6	Thin uniface	1
E22/S82	15		IIIa	22O-3	Biface fragment	1
E22/S82	15		IIIa	22O-7	Biface fragment	1
E22/S82	15		IIIa	22O-1	Biface fragment	1
E22/S82	15		IIIa	22O-8	Biface Stage 1	1
E22/S82	15		IIIa	22O-4	Biface Stage 2	1
E22/S82	15		IIIa	22O-5	Biface Stage 2	1
E22/S82	15		IIIa		Debitage	1209
E22/S82	15		IIIa	22O-19	Edge modified flake	1
E22/S82	15		IIIa	22O-16	Edge modified flake	1
E22/S82	15		IIIa	22O-17	Edge modified flake	1
E22/S82	15		IIIa	22O-23	Edge modified flake	1
E22/S82	15		IIIa	22O-21	Edge modified flake	1
E22/S82	15		IIIa	22O-9	Micro-core, intermediate	1
E22/S82	15		IIIa	22O-12	Perforator Group 7	1
E22/S82	15		IIIa	22O-11	Perforator Group 7	1
E22/S82	15		IIIa	22O-2	Projectile point, Hoxie	1
E22/S82	15		IIIa	22O-10	Projectile point, Thrall	1
E22/S82	15		IIIa	22O-15	Unifacial multiple tool	1
E22/S82	15		IIIa	22O-6	Unifacial multiple tool	1
E22/S82	16		II/IIIa	22P-6	Biface fragment	1
E22/S82	16		II/IIIa	22P-7	Biface fragment	1
E22/S82	16		II/IIIa	22P-8	Biface fragment	1
E22/S82	16		II/IIIa	22P-35	Biface fragment	1
E22/S82	16		II/IIIa	22P-16	Biface fragment, unanalyzed	1
E22/S82	16		II/IIIa	22P-10	Biface fragment, unanalyzed	1
E22/S82	16		II/IIIa	22P-12	Biface Stage 2	1
E22/S82	16		II/IIIa	22P-9	Bifacial tool Form E	1
E22/S82	16		II/IIIa	22P-17	Burin spall	1
E22/S82	16		II/IIIa	22P-18	Burin spall	1
E22/S82	16		II/IIIa	22P-13	Burin spall	1
E22/S82	16		II/IIIa	22P-20	Burin spall, unanalyzed	1
E22/S82	16		II/IIIa	22P-4	Clear Fork biface	1
E22/S82	16		II/IIIa	22P-23	Clear Fork biface, proximal	1
E22/S82	16		II/IIIa		Debitage	1468
E22/S82	16		II/IIIa	22P-25	Denticulated flake	1
E22/S82	16		II/IIIa	22P-29	Denticulated flake	1
E22/S82	16		II/IIIa	22P-34	Edge modified flake	1
E22/S82	16		II/IIIa	22P-27	Edge modified flake	1
E22/S82	16		II/IIIa	22P-24	Microspur/microdenticulate	1
E22/S82	16		II/IIIa	22P-33	Perforator Unifacial	1
E22/S82	16		II/IIIa	22P-11	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S82	16	Feature 107	II/IIIa	22P-3	Projectile point, Hoxie A	1
E22/S82	16		II/IIIa	22P-2	Projectile point, miscellaneous expanding stem	1
E22/S82	16		II/IIIa	22P-1	Projectile point, Thrall	1
E22/S82	16		II/IIIa	22P-38	Thin uniface	1
E22/S82	16		II/IIIa	22P-36	Thin uniface	1
E22/S82	16		II/IIIa	22P-32	Thin uniface	1
E22/S82	16		II/IIIa	22P-30	Thin uniface	1
E22/S82	16		II/IIIa	22P-39	Thin uniface fragment	1
E22/S82	16		II/IIIa	22P-26	Uniface, unanalyzed	1
E22/S82	16		II/IIIa	22P-28	Unifacial multiple tool	1
E22/S82	16		II/IIIa	22P-5	Pestle	1
E22/S82	17		II	22Q-10	Biface fragment	1
E22/S82	17		II	22Q-11	Biface fragment	1
E22/S82	17		II	22Q-7	Biface Stage 2	1
E22/S82	17		II	22Q-9	Biface Stage 2	1
E22/S82	17		II	22Q-27	Biface Stage 2	1
E22/S82	17		II	22Q-12	Bifacial tool Form E	1
E22/S82	17		II	22Q-8	Bifacial tool Form H	1
E22/S82	17		II	22Q-2	Clear Fork biface	1
E22/S82	17		II	22Q-3	Clear Fork biface	1
E22/S82	17		II	22Q-6	Core, multidirectional	1
E22/S82	17		II		Debitage	1164
E22/S82	17		II	22Q-18	Edge modified flake	1
E22/S82	17		II	22Q-24	Edge modified flake	1
E22/S82	17		II	22Q-22	Edge modified flake	1
E22/S82	17		II	22Q-21	Edge modified flake	1
E22/S82	17		II	22Q-20	Edge modified flake	1
E22/S82	17		II	22Q-15	Large core hammerstone	1
E22/S82	17		II	22Q-25	Microspur/microdentate	1
E22/S82	17		II	22Q-26	Microspur/microdentate	1
E22/S82	17		II	22Q-17	Microspur/microdentate	1
E22/S82	17		II	22Q-13	Projectile point fragment	1
E22/S82	17		II	22Q-14	Projectile point fragment	1
E22/S82	17		II	22Q-1	Projectile point, Hoxie	1
E22/S82	17		II	22Q-16	Thick uniface	1
E22/S82	17		II	22Q-28	Unifacial multiple tool	1
E22/S82	17		II	22Q-4	Waco sinker	1
E22/S82	17		II	22Q-5	Waco sinker	1
E22/S82	18		II	22R-2	Biface Stage 2	1
E22/S82	18		II	22R-1	Biface Stage 2	1
E22/S82	18		II	22R-4	Biface Stage 3	1
E22/S82	18		II	22R-3	Core, thermal	1
E22/S82	18		II		Debitage	560
E22/S82	18		II	22R-6	Edge modified flake	1
E22/S82	18		II	22R-7	Uniface, unanalyzed	1
E22/S82	18		II	22R-5	Unifacial multiple tool	1
E22/S82	19		II	22S-1	Biface fragment	1
E22/S82	19		II	22S-3	Biface fragment	1
E22/S82	19		II	22S-2	Biface Stage 2	1
E22/S82	19		II		Debitage	441
E22/S82	19		II	22S-10	Edge modified flake	1
E22/S82	19		II	22S-11	Edge modified flake	1
E22/S82	19		II	22S-8	Notched flake	1
E22/S82	19		II	22S-4	Thick uniface	1
E22/S82	20		II	22T-8	Biface fragment	1
E22/S82	20		II	22T-2	Biface Stage 3	1
E22/S82	20		II	22T-3	Bifacial tool Form A	1
E22/S82	20		II	22T-5	Burin	1
E22/S82	20		II		Debitage	232
E22/S82	20		II	22T-6	Edge modified flake	1
E22/S82	20		II	22T-4	Edge modified flake	1
E22/S82	20		II	22T-9	Edge modified flake	1
E22/S82	20		II	22T-1	Projectile point, parallel side	1
E22/S82	20		II	22T-7	Uniface, unanalyzed	1
E22/S82	22		II	22V-1	Biface fragment	1
E22/S82	22		II		Debitage	114
E22/S82	22		II	22V-2	Unifacial multiple tool	1
E22/S82	23		Id/II	22W-2	Biface Stage 2	1
E22/S82	23		Id/II	22W-1	Biface Stage 3	1
E22/S82	23		Id/II		Debitage	251
E22/S82	24		Isi-c/Id	22X-3	Biface Stage 2	1
E22/S82	24		Isi-c/Id	22X-1	Biface Stage 2	1
E22/S82	24		Isi-c/Id	22X-2	Biface Stage 2	1
E22/S82	24		Isi-c/Id	22X-4	Core tool, type 4	1

] Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S82	24		Isi-c/Id		Debitage	119
E22/S82	25		X/Isi	22Y-2	Chert cobble, unmodified/tested	1
E22/S82	25		X/Isi	22Y-1	Core tool, type 4	1
E22/S82	25		X/Isi		Debitage	88
E22/S82	26		X/Isi		Debitage	42
E22/S82	27		X/Isi		Debitage	17
E22/S84	6		IIIc	21F-18	Biface fragment	1
E22/S84	6		IIIc	21F-3	Biface Stage 2	1
E22/S84	6		IIIc	21F-7	Core tool, type 5	1
E22/S84	6		IIIc		Debitage	624
E22/S84	6		IIIc	21F-14	Denticulated flake	1
E22/S84	6		IIIc	21F-15	Edge modified flake	1
E22/S84	6		IIIc	21F-10	Edge modified flake	1
E22/S84	6		IIIc	21F-8	Edge modified flake	1
E22/S84	6		IIIc	21F-13	Edge modified flake	1
E22/S84	6		IIIc	21F-6	Projectile point fragment	1
E22/S84	6		IIIc	21F-4	Projectile point fragment	1
E22/S84	6		IIIc	21F-1	Projectile point, Angostura	1
E22/S84	6		IIIc	21F-2	Projectile point, Marcos	1
E22/S84	6		IIIc	21F-5	Projectile point, Nolan	1
E22/S84	6		IIIc	21F-16	Thick uniface	1
E22/S84	6		IIIc	21F-11	Thin uniface	1
E22/S84	6		IIIc	21F-9	Uniface, unanalyzed	1
E22/S84	6		IIIc	21F-12	Uniface, unanalyzed	1
E22/S84	7		IIIb/c	21G-21	Biface fragment	1
E22/S84	7		IIIb/c	21G-3	Biface fragment, unanalyzed	1
E22/S84	7		IIIb/c	21G-6	Biface Stage 2	1
E22/S84	7		IIIb/c	21G-4	Biface Stage 2	1
E22/S84	7		IIIb/c	21G-7	Biface Stage 2	1
E22/S84	7		IIIb/c	21G-5	Biface Stage 3	1
E22/S84	7		IIIb/c		Debitage	687
E22/S84	7		IIIb/c	21G-22	Edge modified flake	1
E22/S84	7		IIIb/c	21G-13	Edge modified flake	1
E22/S84	7		IIIb/c	21G-20	Edge modified flake	1
E22/S84	7		IIIb/c	21G-18	Edge modified flake	1
E22/S84	7		IIIb/c	21G-15	Edge modified flake	1
E22/S84	7		IIIb/c	21G-23	Edge modified flake	1
E22/S84	7		IIIb/c	21G-16	Microspur/microdentate	1
E22/S84	7		IIIb/c	21G-10	Projectile point fragment	1
E22/S84	7		IIIb/c	21G-9	Projectile point, Nolan	1
E22/S84	7		IIIb/c	21G-1	Projectile point, Nolan	1
E22/S84	7		IIIb/c	21G-8	Projectile point, Pedernales	1
E22/S84	7		IIIb/c	21G-2	Projectile point, Travis	1
E22/S84	7		IIIb/c	21G-11	Thick uniface	1
E22/S84	7		IIIb/c	21G-14	Thick uniface	1
E22/S84	7		IIIb/c	21G-19	Thin uniface	1
E22/S84	7		IIIb/c	21G-17	Uniface, unanalyzed	1
E22/S84	8		IIIb/c	21H-6	Biface Stage 2	1
E22/S84	8		IIIb/c	21H-5	Biface Stage 2	1
E22/S84	8		IIIb/c	21H-17	Biface Stage 2	1
E22/S84	8		IIIb/c	21H-8	Biface Stage 2	1
E22/S84	8		IIIb/c	21H-7	Bifacial tool Form D	1
E22/S84	8		IIIb/c	21H-10	Burin spall	1
E22/S84	8		IIIb/c		Debitage	583
E22/S84	8		IIIb/c	21H-19	Edge modified flake	1
E22/S84	8		IIIb/c	21H-21	Edge modified flake	1
E22/S84	8		IIIb/c	21H-20	Edge modified flake	1
E22/S84	8		IIIb/c	21H-14	Edge modified flake	1
E22/S84	8		IIIb/c	21H-15	Edge modified flake	1
E22/S84	8		IIIb/c	21H-16	Edge modified flake	1
E22/S84	8		IIIb/c	21H-18	Edge modified flake	1
E22/S84	8		IIIb/c	21H-2	Projectile point, expanding concave C	1
E22/S84	8		IIIb/c	21H-3	Projectile point, expanding concave C	1
E22/S84	8		IIIb/c	21H-1	Projectile point, Marcos	1
E22/S84	8		IIIb/c	21H-11	Projectile point, rectangular stem B	1
E22/S84	8		IIIb/c	21H-22	Uniface, unanalyzed	1
E22/S84	8		IIIb/c	21H-13	Uniface, unanalyzed	1
E22/S84	8		IIIb/c	21H-9	Uniface, unanalyzed	1
E22/S84	8		IIIb/c	21H-23	Unifacial multiple tool	1
E22/S84	8		IIIb/c	21H-12	Unifacial multiple tool	1
E22/S84	9		IIIb/c	21I-8	Biface fragment	1
E22/S84	9		IIIb/c	21I-20	Biface fragment	1
E22/S84	9		IIIb/c	21I-2	Biface Stage 2	1
E22/S84	9		IIIb/c	21I-1	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S84	9		IIIb/c	21I-4	Biface Stage 2	1
E22/S84	9		IIIb/c	21I-3	Biface Stage 3	1
E22/S84	9		IIIb/c	21I-5	Core fragment	1
E22/S84	9		IIIb/c		Debitage	591
E22/S84	9		IIIb/c	21I-18	Edge modified flake	1
E22/S84	9		IIIb/c	21I-19	Edge modified flake	1
E22/S84	9		IIIb/c	21I-17	Edge modified flake	1
E22/S84	9		IIIb/c	21I-13	Edge modified flake	1
E22/S84	9		IIIb/c	21I-7	Notched flake	1
E22/S84	9		IIIb/c	21I-14	Perforator Unifacial	1
E22/S84	9		IIIb/c	21I-6	Projectile point fragment	1
E22/S84	9		IIIb/c	21I-11	Retouched blade	1
E22/S84	9		IIIb/c	21I-12	Thin uniface	1
E22/S84	9		IIIb/c	21I-21	Uniface, unanalyzed	1
E22/S84	9		IIIb/c	21I-16	Uniface, unanalyzed	1
E22/S84	9		IIIb/c	21I-10	Uniface, unanalyzed	1
E22/S84	9		IIIb/c	21I-15	Unifacial multiple tool	1
E22/S84	10		IIIb	21J-10	Biface Stage 1	1
E22/S84	10		IIIb	21J-4	Biface Stage 2	1
E22/S84	10		IIIb	21J-3	Biface Stage 2	1
E22/S84	10		IIIb	21J-5	Biface Stage 2	1
E22/S84	10		IIIb	21J-6	Biface Stage 3	1
E22/S84	10		IIIb	21J-7	Burin	1
E22/S84	10		IIIb	21J-16	Burin spall	1
E22/S84	10		IIIb		Debitage	501
E22/S84	10		IIIb	21J-14	Edge modified flake	1
E22/S84	10		IIIb	21J-8	Edge modified flake	1
E22/S84	10		IIIb	21J-19	Edge modified flake	1
E22/S84	10		IIIb	21J-20	Edge modified flake	1
E22/S84	10		IIIb	21J-1	Projectile point, Martindale A	1
E22/S84	10		IIIb	21J-12	Retouched blade	1
E22/S84	10		IIIb	21J-9	Uniface, unanalyzed	1
E22/S84	10		IIIb	21J-13	Uniface, unanalyzed	1
E22/S84	10		IIIb	21J-11	Uniface, unanalyzed	1
E22/S84	10		IIIb	21J-17	Uniface, unanalyzed	1
E22/S84	10	Feature 82	IIIb	21J-2	Metate fragment	1
E22/S84	11		IIIb	21K-6	Biface fragment	1
E22/S84	11		IIIb	21K-7	Biface Stage 1	1
E22/S84	11		IIIb	21K-3	Biface Stage 1	1
E22/S84	11		IIIb	21K-4	Biface Stage 2	1
E22/S84	11		IIIb		Debitage	527
E22/S84	11		IIIb	21K-8	Edge modified flake	1
E22/S84	11		IIIb	21K-12	Edge modified flake	1
E22/S84	11		IIIb	21K-2	Projectile point, Baker	1
E22/S84	11		IIIb	21K-1	Projectile point, Bandy	1
E22/S84	11		IIIb	21K-5	Projectile point, expanding concave A	1
E22/S84	11		IIIb	21K-9	Uniface, unanalyzed	1
E22/S84	11		IIIb	21K-10	Uniface, unanalyzed	1
E22/S84	11		IIIb	21K-11	Uniface, unanalyzed	1
E22/S84	11		IIIb	21K-13	Uniface, unanalyzed	1
E22/S84	11	Feature 88	IIIb	21K-14	Biface Stage 2	1
E22/S84	11	Feature 88	IIIb	21K-15	Thick uniface	1
E22/S84	12		IIIb	21L-22	Biface fragment	1
E22/S84	12		IIIb	21L-37	Biface fragment	1
E22/S84	12		IIIb	21L-4	Biface Stage 1	1
E22/S84	12		IIIb	21L-7	Biface Stage 1	1
E22/S84	12		IIIb	21L-27	Biface Stage 2	1
E22/S84	12		IIIb	21L-8	Biface Stage 2	1
E22/S84	12		IIIb	21L-30	Biface Stage 2	1
E22/S84	12		IIIb	21L-9	Biface Stage 2	1
E22/S84	12		IIIb	21L-6	Biface Stage 2	1
E22/S84	12		IIIb	21L-13	Biface Stage 3	1
E22/S84	12		IIIb	21L-15	Biface Stage 3	1
E22/S84	12		IIIb	21L-28	Burin spall	1
E22/S84	12		IIIb	21L-38	Clear Fork uniface	1
E22/S84	12		IIIb	21L-11	Core, thermal	1
E22/S84	12		IIIb		Debitage	2133
E22/S84	12		IIIb	21L-19	Edge modified flake	1
E22/S84	12		IIIb	21L-18	Edge modified flake	1
E22/S84	12		IIIb	21L-21	Edge modified flake	1
E22/S84	12		IIIb	21L-26	Edge modified flake	1
E22/S84	12		IIIb	21L-29	Edge modified flake	1
E22/S84	12		IIIb	21L-20	Edge modified flake	1
E22/S84	12		IIIb	21L-17	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S84	12		IIIb	21L-31	Edge modified flake	1
E22/S84	12		IIIb	21L-35	Edge modified flake	1
E22/S84	12		IIIb	21L-23	Edge modified flake	1
E22/S84	12		IIIb	21L-25	Notched flake	1
E22/S84	12		IIIb	21L-33	Notched flake	1
E22/S84	12		IIIb	21L-12	Perforator Group 1	1
E22/S84	12		IIIb	21L-16	Piece esquillee	1
E22/S84	12		IIIb	21L-5	Projectile point fragment	1
E22/S84	12		IIIb	21L-14	Projectile point fragment	1
E22/S84	12		IIIb	21L-1	Projectile point, Golondrina-Barber	1
E22/S84	12		IIIb	21L-2	Projectile point, Gower	1
E22/S84	12		IIIb	21L-3	Projectile point, Martindale B	1
E22/S84	12		IIIb	21L-10	Projectile point, miscellaneous lanceolate	1
E22/S84	12		IIIb	21L-36	Retouched blade	1
E22/S84	12		IIIb	21L-34	Uniface, unanalyzed	1
E22/S84	13		IIIb	21M-5	Biface fragment	1
E22/S84	13		IIIb	21M-25	Biface Stage 2	1
E22/S84	13		IIIb	21M-6	Biface Stage 2	1
E22/S84	13		IIIb	21M-19	Bifacial tool Form H	1
E22/S84	13		IIIb	21M-10	Burin	1
E22/S84	13		IIIb		Debitage	1398
E22/S84	13		IIIb	21M-16	Denticulated flake	1
E22/S84	13		IIIb	21M-9	Denticulated flake	1
E22/S84	13		IIIb	21M-12	Edge modified flake	1
E22/S84	13		IIIb	21M-18	Edge modified flake	1
E22/S84	13		IIIb	21M-11	Edge modified flake	1
E22/S84	13		IIIb	21M-20	Edge modified flake	1
E22/S84	13		IIIb	21M-24	Microspur/microdenticulate	1
E22/S84	13		IIIb	21H-4	Perforator Group 3	1
E22/S84	13		IIIb	21M-1	Projectile point, Angostura	1
E22/S84	13		IIIb	21M-7	Projectile point, bifurcate stem fragment	1
E22/S84	13		IIIb	21M-2	Projectile point, contracting stem, concave base	1
E22/S84	13		IIIb	21M-3	Projectile point, Scottsbluff	1
E22/S84	13		IIIb	21M-23	Thick uniface fragment	1
E22/S84	13		IIIb	21M-15	Thin uniface	1
E22/S84	13		IIIb	21M-13	Thin uniface fragment	1
E22/S84	13		IIIb	21M-8	Thin uniface fragment	1
E22/S84	13		IIIb	21M-17	Uniface, unanalyzed	1
E22/S84	13		IIIb	21M-22	Unifacial multiple tool	1
E22/S84	14		IIIa/b	21N-9	Biface fragment	1
E22/S84	14		IIIa/b	21N-4	Biface Stage 2	1
E22/S84	14		IIIa/b	21N-5	Chert cobble, chunk	1
E22/S84	14		IIIa/b		Debitage	987
E22/S84	14		IIIa/b	21N-6	Edge modified flake	1
E22/S84	14		IIIa/b	21N-8	Edge modified flake	1
E22/S84	14		IIIa/b	21N-13	Microspur/microdenticulate	1
E22/S84	14		IIIa/b	21N-7	Microspur/microdenticulate	1
E22/S84	14		IIIa/b	21N-3	Projectile point, Bandy	1
E22/S84	14		IIIa/b	21N-2	Projectile point, Hoxie C	1
E22/S84	14		IIIa/b	21N-1	Projectile point, Thrall	1
E22/S84	14		IIIa/b	21N-14	Thin uniface	1
E22/S84	14		IIIa/b	21N-11	Thin uniface fragment	1
E22/S84	14		IIIa/b	21N-12	Thin uniface fragment	1
E22/S84	14		IIIa/b	21N-10	Uniface, unanalyzed	1
E22/S84	15		IIIa	21O-17	Biface fragment	1
E22/S84	15		IIIa	21O-3	Biface fragment	1
E22/S84	15		IIIa	21O-2	Biface Stage 2	1
E22/S84	15		IIIa	21O-19	Burin	1
E22/S84	15		IIIa	21O-1	Clear Fork biface, proximal	1
E22/S84	15		IIIa		Debitage	979
E22/S84	15		IIIa	21O-7	Edge modified flake	1
E22/S84	15		IIIa	21O-10	Edge modified flake	1
E22/S84	15		IIIa	21O-12	Edge modified flake	1
E22/S84	15		IIIa	21O-23	Edge modified flake	1
E22/S84	15		IIIa	21O-8	Edge modified flake	1
E22/S84	15		IIIa	21O-22	Edge modified flake	1
E22/S84	15		IIIa	21O-20	Edge modified flake	1
E22/S84	15		IIIa	21O-18	Microspur/microdenticulate	1
E22/S84	15		IIIa	21O-15	Microspur/microdenticulate	1
E22/S84	15		IIIa	21O-5	Notched flake	1
E22/S84	15		IIIa	21O-13	Notched flake	1
E22/S84	15		IIIa	21O-24	Perforator Group 1	1
E22/S84	15		IIIa	21O-4	Projectile point fragment	1
E22/S84	15		IIIa	21O-9	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S84	15		IIIa	21O-16	Uniface, unanalyzed	1
E22/S84	15		IIIa	21O-6	Uniface, unanalyzed	1
E22/S84	15		IIIa	21O-14	Uniface, unanalyzed	1
E22/S84	15		IIIa	21O-21	Unifacial multiple tool	1
E22/S84	16		IIIa	21P-3	Biface fragment	1
E22/S84	16		IIIa	21P-2	Biface Stage 2	1
E22/S84	16		IIIa		Debitage	955
E22/S84	16		IIIa	21P-11	Edge modified flake	1
E22/S84	16		IIIa	21P-7	Edge modified flake	1
E22/S84	16		IIIa	21P-4	Edge modified flake	1
E22/S84	16		IIIa	21P-6	Microspur/microdenticulate	1
E22/S84	16		IIIa	21P-10	Piece esquillee	1
E22/S84	16		IIIa	21P-1	Projectile point, Hoxie	1
E22/S84	16		IIIa	21P-8	Uniface, unanalyzed	1
E22/S84	17		II/IIIa	21Q-4	Biface Stage 2	1
E22/S84	17		II/IIIa	21Q-3	Biface Stage 2	1
E22/S84	17		II/IIIa		Debitage	1050
E22/S84	17		II/IIIa	21Q-9	Edge modified flake	1
E22/S84	17		II/IIIa	21Q-8	Edge modified flake	1
E22/S84	17		II/IIIa	21Q-10	Edge modified flake	1
E22/S84	17		II/IIIa	21Q-11	Edge modified flake	1
E22/S84	17		II/IIIa	21Q-7	Edge modified flake	1
E22/S84	17		II/IIIa	21Q-6	Edge modified flake	1
E22/S84	17		II/IIIa	21Q-5	Micro-core, intermediate	1
E22/S84	17		II/IIIa	21Q-2	Projectile point, miscellaneous lanceolate	1
E22/S84	17		II/IIIa	21Q-1	Projectile point, St. Mary's Hall	1
E22/S84	17		II/IIIa	21Q-12	Uniface, unanalyzed	1
E22/S84	18		II	21R-3	Biface Stage 1	1
E22/S84	18		II	21R-9	Bifacial tool	1
E22/S84	18		II	21R-5	Core fragment	1
E22/S84	18		II		Debitage	1322
E22/S84	18		II	21R-4	Large core hammerstone	1
E22/S84	18		II	21R-6	Piece esquillee	1
E22/S84	18		II	21R-7	Projectile point fragment	1
E22/S84	18		II	21R-1	Projectile point fragment	1
E22/S84	18		II	21R-8	Projectile point, expanding concave A	1
E22/S84	18		II	21R-2	Projectile point, miscellaneous lanceolate	1
E22/S84	18		II	21R-10	Thick uniface	1
E22/S84	18		II	21R-11	Thick uniface	1
E22/S84	18		II	21R-12	Thin uniface	1
E22/S84	20		X/II	21T-1	Biface Stage 1	1
E22/S84	20		X/II	21T-2	Bifacial tool Form E	1
E22/S84	20		X/II	21T-4	Burin spall	1
E22/S84	20		X/II	21T-3	Core tool, type 4	1
E22/S84	20		X/II		Debitage	330
E22/S84	20		X/II	21T-6	Thin uniface	1
E22/S84	20		X/II	21T-7	Uniface, unanalyzed	1
E22/S84	22		X/II	21V-1	Biface Stage 2	1
E22/S84	22		X/II		Debitage	172
E22/S84	23		X/II		Debitage	1
E22/S84	23		X/II	21W-1	Thick uniface	1
E22/S84	24		X/Isi-c/Id/II	21X-1	Biface Stage 2	1
E22/S84	24		X/Isi-c/Id/II	21X-6	Blade	1
E22/S84	24		X/Isi-c/Id/II		Debitage	141
E22/S84	24		X/Isi-c/Id/II	21X-8	Edge modified flake	1
E22/S84	24		X/Isi-c/Id/II	21X-7	Edge modified flake	1
E22/S84	24		X/Isi-c/Id/II	21X-3	Edge modified flake	1
E22/S84	24		X/Isi-c/Id/II	21X-2	Uniface, unanalyzed	1
E22/S84	25		X/Isi-c/Id		Debitage	25
E22/S86	6	BRM 1	IIIc	20F-1	Battered cobble	1
E22/S86	6	BRM 1	IIIc	20F-18	Biface Stage 1	1
E22/S86	6	BRM 1	IIIc	20F-3	Biface Stage 1	1
E22/S86	6	BRM 1	IIIc		Debitage	317
E22/S86	6	BRM 1	IIIc	20F-17	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-10	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-14	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-16	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-15	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-13	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-5	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-8	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-11	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-7	Edge modified flake	1
E22/S86	6	BRM 1	IIIc	20F-4	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S86	6	BRM 1	IIIc	20F-2	Projectile point fragment	1
E22/S86	6	BRM 1	IIIc	20F-6	Unifacial multiple tool	1
E22/S86	6	BRM 1	IIIc	20F-9	Unifacial multiple tool	1
E22/S86	7	BRM 1	IIIc	20G-5	Biface fragment	1
E22/S86	7	BRM 1	IIIc	20G-7	Biface Stage 2	1
E22/S86	7	BRM 1	IIIc	20G-6	Biface Stage 2	1
E22/S86	7	BRM 1	IIIc	20G-4	Bifacial tool Form H	1
E22/S86	7	BRM 1	IIIc	20G-8	Core tool, type 3	1
E22/S86	7	BRM 1	IIIc		Debitage	379
E22/S86	7	BRM 1	IIIc	20G-22	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-11	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-12	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-13	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-20	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-16	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-23	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-24	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-21	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-15	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-17	Edge modified flake	1
E22/S86	7	BRM 1	IIIc	20G-10	Projectile point fragment	1
E22/S86	7	BRM 1	IIIc	20G-9	Projectile point, expanding concave B	1
E22/S86	7	BRM 1	IIIc	20G-1	Projectile point, Hoxie	1
E22/S86	7	BRM 1	IIIc	20G-2	Projectile point, Nolan	1
E22/S86	7	BRM 1	IIIc	20G-19	Thin uniface	1
E22/S86	8	BRM 1	IIIb/c	20H-9	Burin	1
E22/S86	8	BRM 1	IIIb/c	20H-5	Burin	1
E22/S86	8	BRM 1	IIIb/c	20H-4	Core fragment	1
E22/S86	8	BRM 1	IIIb/c		Debitage	613
E22/S86	8	BRM 1	IIIb/c	20H-6	Denticulated flake	1
E22/S86	8	BRM 1	IIIb/c	20H-18	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-12	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-14	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-10	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-16	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-19	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-22	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-8	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-20	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-11	Edge modified flake	1
E22/S86	8	BRM 1	IIIb/c	20H-3	Projectile point fragment	1
E22/S86	8	BRM 1	IIIb/c	20H-2	Projectile point, Baker	1
E22/S86	8	BRM 1	IIIb/c	20H-1	Projectile point, Bulverde-like	1
E22/S86	8	BRM 1	IIIb/c	20H-7	Uniface, unanalyzed	1
E22/S86	8	BRM 1	IIIb/c	20H-17	Unifacial multiple tool	1
E22/S86	8	BRM 1	IIIb/c	20H-15	Unifacial multiple tool	1
E22/S86	9	BRM 1	IIIb/c	20I-2	Biface Stage 2	1
E22/S86	9	BRM 1	IIIb/c	20I-3	Biface Stage 2	1
E22/S86	9	BRM 1	IIIb/c	20I-1	Burin spall	1
E22/S86	9	BRM 1	IIIb/c	20I-4	Clear Fork uniface	1
E22/S86	9	BRM 1	IIIb/c		Debitage	779
E22/S86	9	BRM 1	IIIb/c	20I-9	Denticulated flake	1
E22/S86	9	BRM 1	IIIb/c	20I-8	Edge modified flake	1
E22/S86	9	BRM 1	IIIb/c	20I-7	Edge modified flake	1
E22/S86	9	BRM 1	IIIb/c	20I-5	Edge modified flake	1
E22/S86	9	BRM 1	IIIb/c	20I-6	Notched flake	1
E22/S86	9	BRM 1	IIIb/c	20I-11	Thick uniface	1
E22/S86	9	BRM 1	IIIb/c	20I-10	Thin uniface	1
E22/S86	10	BRM 1	IIIb/c	20J-3	Biface fragment	1
E22/S86	10	BRM 1	IIIb/c	20J-4	Biface Stage 2	1
E22/S86	10	BRM 1	IIIb/c	20J-1	Biface Stage 3	1
E22/S86	10	BRM 1	IIIb/c	20J-5	Burin	1
E22/S86	10	BRM 1	IIIb/c	20J-6	Core, multidirectional	1
E22/S86	10	BRM 1	IIIb/c		Debitage	612
E22/S86	10	BRM 1	IIIb/c	20J-8	Microspur/microdenticulate	1
E22/S86	10	BRM 1	IIIb/c	20J-2	Projectile point fragment	1
E22/S86	10	BRM 1	IIIb/c	20J-7	Uniface, unanalyzed	1
E22/S86	11		IIIb	20K-2	Biface fragment	1
E22/S86	11		IIIb	20K-3	Biface Stage 2	1
E22/S86	11		IIIb		Debitage	642
E22/S86	11		IIIb	20K-6	Edge modified flake	1
E22/S86	11		IIIb	20K-5	Edge modified flake	1
E22/S86	11		IIIb	20K-1	Mano	1
E22/S86	11		IIIb	20K-4	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S86	11	Feature 88	IIIb	20K-7	Thin uniface fragment	1
E22/S86	11		IIIb	20K-9	Projectile point, expanding concave B	1
E22/S86	11	Feature 88	IIIb	20K-8	Projectile point, Gower/Uvalde	1
E22/S86	12		IIIb	20L-5	Biface fragment	1
E22/S86	12		IIIb	20L-3	Biface fragment	1
E22/S86	12		IIIb	20L-9	Biface Stage 1	1
E22/S86	12		IIIb	20L-2	Biface Stage 2	1
E22/S86	12		IIIb	20L-6	Burin	1
E22/S86	12		IIIb	20L-7	Burin spall	1
E22/S86	12		IIIb	20L-12	Burin spall	1
E22/S86	12		IIIb	20L-11	Clear Fork biface	1
E22/S86	12		IIIb		Debitage	1060
E22/S86	12		IIIb	20L-13	Microspur/microdenticulate	1
E22/S86	12		IIIb	20L-4	Piece esquillee	1
E22/S86	12		IIIb	20L-1	Projectile point fragment	1
E22/S86	12		IIIb	20L-14	Retouched blade	1
E22/S86	12		IIIb	20L-17	Unifacial multiple tool	1
E22/S86	13		X/IIIb	20M-3	Biface Stage 2	1
E22/S86	13		X/IIIb	20M-4	Biface Stage 2	1
E22/S86	13		X/IIIb	20M-2	Biface Stage 3	1
E22/S86	13		X/IIIb	20M-9	Bifacial tool Form B	1
E22/S86	13		X/IIIb	20M-12	Bifacial tool Form C	1
E22/S86	13		X/IIIb	20M-5	Burin spall	1
E22/S86	13		X/IIIb		Debitage	837
E22/S86	13		X/IIIb	20M-8	Edge modified flake	1
E22/S86	13		X/IIIb	20M-19	Edge modified flake	1
E22/S86	13		X/IIIb	20M-15	Edge modified flake	1
E22/S86	13		X/IIIb	20M-6	Projectile point fragment	1
E22/S86	13		X/IIIb	20M-7	Projectile point fragment	1
E22/S86	13		X/IIIb	20M-1	Projectile point, miscellaneous bifurcate	1
E22/S86	13		X/IIIb	20M-13	Retouched blade	1
E22/S86	13		X/IIIb	20M-10	Thin uniface	1
E22/S86	13		X/IIIb	20M-16	Thin uniface	1
E22/S86	13		X/IIIb	20M-14	Uniface, unanalyzed	1
E22/S86	13		X/IIIb	20M-17	Uniface, unanalyzed	1
E22/S86	13		X/IIIb	20M-18	Unifacial multiple tool	1
E22/S86	13		X/IIIb	20M-11	Unifacial multiple tool	1
E22/S86	14		X/IIIa/b	20N-3	Biface fragment	1
E22/S86	14		X/IIIa/b		Debitage	1023
E22/S86	14		X/IIIa/b	20N-5	Edge modified flake	1
E22/S86	14		X/IIIa/b	20N-1	Projectile point, expanding concave D	1
E22/S86	14		X/IIIa/b	20N-2	Projectile point, Hoxie	1
E22/S86	14		X/IIIa/b	20N-4	Uniface, unanalyzed	1
E22/S86	15		X/IIIa	20O-19	Biface fragment	1
E22/S86	15		X/IIIa	20O-6	Biface Stage 1	1
E22/S86	15		X/IIIa	20O-5	Biface Stage 2	1
E22/S86	15		X/IIIa	20O-3	Biface Stage 2	1
E22/S86	15		X/IIIa	20O-25	Bifacial tool Form D	1
E22/S86	15		X/IIIa	20O-27	Bifacial tool Form F	1
E22/S86	15		X/IIIa	20O-20	Burin spall	1
E22/S86	15		X/IIIa	20O-26	Burin spall	1
E22/S86	15		X/IIIa		Debitage	1018
E22/S86	15		X/IIIa	20O-12	Edge modified flake	1
E22/S86	15		X/IIIa	20O-10	Edge modified flake	1
E22/S86	15		X/IIIa	20O-13	Edge modified flake	1
E22/S86	15		X/IIIa	20O-14	Edge modified flake	1
E22/S86	15		X/IIIa	20O-9	Edge modified flake	1
E22/S86	15		X/IIIa	20O-21	Edge modified flake	1
E22/S86	15		X/IIIa	20O-15	Edge modified flake	1
E22/S86	15		X/IIIa	20O-29	Edge modified flake	1
E22/S86	15		X/IIIa	20O-16	Notched flake	1
E22/S86	15		X/IIIa	20O-1	Projectile point fragment	1
E22/S86	15		X/IIIa	20O-2	Projectile point, Uvalde-like	1
E22/S86	15		X/IIIa	20O-4	Small core hammerstone	1
E22/S86	15		X/IIIa	20O-24	Thin uniface	1
E22/S86	15		X/IIIa	20O-28	Thin uniface	1
E22/S86	15		X/IIIa	20O-23	Uniface, unanalyzed	1
E22/S86	15		X/IIIa	20O-22	Uniface, unanalyzed	1
E22/S86	16		X/II/IIIa	20P-18	Biface fragment	1
E22/S86	16		X/II/IIIa	20P-3	Biface fragment	1
E22/S86	16		X/II/IIIa	20P-2	Biface fragment	1
E22/S86	16		X/II/IIIa	20P-15	Biface Stage 1	1
E22/S86	16		X/II/IIIa	20P-8	Biface Stage 2	1
E22/S86	16		X/II/IIIa	20P-6	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S86	16		X/II/IIIa	20P-7	Biface Stage 3	1
E22/S86	16		X/II/IIIa	20P-5	Burin spall	1
E22/S86	16		X/II/IIIa	20P-4	Clear Fork biface	1
E22/S86	16		X/II/IIIa		Debitage	1070
E22/S86	16		X/II/IIIa	20P-9	Edge modified flake	1
E22/S86	16		X/II/IIIa	20P-17	Edge modified flake	1
E22/S86	16		X/II/IIIa	20P-13	Edge modified flake	1
E22/S86	16		X/II/IIIa	20P-12	Edge modified flake	1
E22/S86	16		X/II/IIIa	20P-10	Edge modified flake	1
E22/S86	16		X/II/IIIa	20P-19	Edge modified flake	1
E22/S86	16		X/II/IIIa	20P-11	Microspur/microdenticulate	1
E22/S86	16		X/II/IIIa	20P-1	Projectile point, Angostura	1
E22/S86	16		X/II/IIIa	20P-16	Thick uniface	1
E22/S86	16		X/II/IIIa	20P-14	Uniface, unanalyzed	1
E22/S86	17		X/II/IIIa	20Q-8	Biface fragment	1
E22/S86	17		X/II/IIIa	20Q-7	Biface Stage 2	1
E22/S86	17		X/II/IIIa	20Q-5	Bifacial tool	1
E22/S86	17		X/II/IIIa	20Q-13	Bifacial tool Form A	1
E22/S86	17		X/II/IIIa	20Q-9	Burin	1
E22/S86	17		X/II/IIIa	20Q-10	Burin spall	1
E22/S86	17		X/II/IIIa	20Q-11	Burin spall	1
E22/S86	17		X/II/IIIa		Debitage	931
E22/S86	17		X/II/IIIa	20Q-3	Metate fragment	1
E22/S86	17		X/II/IIIa	20Q-4	Possible ground stone	1
E22/S86	17		X/II/IIIa	20Q-12	Projectile point fragment	1
E22/S86	17		X/II/IIIa	20Q-2	Projectile point, bifurcate stem fragment	1
E22/S86	17		X/II/IIIa	20Q-1	Projectile point, Thrall	1
E22/S86	17		X/II/IIIa	20Q-16	Thin uniface	1
E22/S86	17		X/II/IIIa	20Q-14	Thin uniface fragment	1
E22/S86	17		X/II/IIIa	20Q-18	Unifacial multiple tool	1
E22/S86	17		X/II/IIIa	20Q-17	Unifacial multiple tool	1
E22/S86	17		X/II/IIIa	20Q-15	Unifacial multiple tool	1
E22/S86	17	Feature 110	X/II/IIIa	20&21Q-20	Biface Stage 2	1
E22/S86	17	Feature 110	X/II/IIIa	20&21Q-21	Biface Stage 2	1
E22/S86	17	Feature 110	X/II/IIIa	20&21Q-23	Biface Stage 2	1
E22/S86	17	Feature 110	X/II/IIIa	20&21Q-22	Core, multidirectional	1
E22/S86	17	Feature 110	X/II/IIIa	20&21Q-19	Projectile point, miscellaneous lanceolate	1
E22/S86	18		X/II	20R-9	Biface fragment	1
E22/S86	18		X/II	20R-19	Biface fragment	1
E22/S86	18		X/II	20R-24	Biface fragment	1
E22/S86	18		X/II	20R-22	Biface fragment	1
E22/S86	18		X/II	20R-4	Biface Stage 1	1
E22/S86	18		X/II	20R-7	Biface Stage 1	1
E22/S86	18		X/II	20R-8	Biface Stage 2	1
E22/S86	18		X/II	20R-11	Burin spall	1
E22/S86	18		X/II	20R-10	Clear Fork biface, proximal	1
E22/S86	18		X/II		Debitage	693
E22/S86	18		X/II	20R-26	Denticulated flake	1
E22/S86	18		X/II	20R-14	Edge modified flake	1
E22/S86	18		X/II	20R-16	Edge modified flake	1
E22/S86	18		X/II	20R-18	Edge modified flake	1
E22/S86	18		X/II	20R-20	Edge modified flake	1
E22/S86	18		X/II	20R-21	Edge modified flake	1
E22/S86	18		X/II	20R-23	Edge modified flake	1
E22/S86	18		X/II	20R-25	Edge modified flake	1
E22/S86	18		X/II	20R-15	Edge modified flake	1
E22/S86	18		X/II	20R-5	Micro-core, intermediate	1
E22/S86	18		X/II	20R-17	Microspur/microdenticulate	1
E22/S86	18		X/II	20R-3	Possible ground stone	1
E22/S86	18		X/II	20R-2	Projectile point, bifurcate stem fragment	1
E22/S86	18		X/II	20R-1	Projectile point, square stem	1
E22/S86	18		X/II	20R-6	Thin uniface	1
E22/S86	18		X/II	20R-12	Thin uniface fragment	1
E22/S86	18		X/II	20R-27	Thin uniface fragment	1
E22/S86	18		X/II	20R-13	Unifacial multiple tool	1
E22/S86	19		X/II	20S-2	Biface fragment	1
E22/S86	19		X/II	20S-3	Biface Stage 2	1
E22/S86	19		X/II	20S-1	Clear Fork biface	1
E22/S86	19		X/II	20S-6	Core, multidirectional	1
E22/S86	19		X/II		Debitage	566
E22/S86	19		X/II	20S-11	Edge modified flake	1
E22/S86	19		X/II	20S-12	Edge modified flake	1
E22/S86	19		X/II	20S-7	Perforator Group 5	1
E22/S86	19		X/II	20S-8	Perforator Group 7	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S86	19		X/II	20S-10	Projectile point, miscellaneous lanceolate	1
E22/S86	19		X/II	20S-13	Thick uniface	1
E22/S86	19		X/II	20S-5	Uniface, unanalyzed	1
E22/S86	20		X/II	20T-1	Biface fragment	1
E22/S86	20		X/II		Debitage	375
E22/S86	20		X/II	20T-2	Edge modified flake	1
E22/S86	20		X/II	20T-4	Thick uniface	1
E22/S86	20		X/II	20T-6	Thin uniface	1
E22/S86	22		X		Debitage	256
E22/S86	22		X	20V-1	Microspur/microdenticulate	1
E22/S86	22		X	20V-2	Unifacial multiple tool	1
E22/S86	23		X	20W-3	Biface Stage 3	1
E22/S86	23		X	20W-2	Brushy Creek biface	1
E22/S86	23		X		Debitage	101
E22/S86	23		X	20W-4	Edge modified flake	1
E22/S86	23	Feature 118	X	20W-1	Projectile point, St. Mary's Hall	1
E22/S86	24		X	20X-3	Biface Stage 2	1
E22/S86	24		X	20X-2	Biface Stage 3	1
E22/S86	24		X	20X-4	Bifacial tool Form H	1
E22/S86	24		X		Debitage	120
E22/S86	24		X	20X-5	Micro-core, small	1
E22/S86	24		X	20X-8	Notched flake	1
E22/S86	24		X	20X-1	Projectile point, Wilson	1
E22/S86	24		X	20X-6	Uniface, unanalyzed	1
E22/S86	27B		X		Debitage	12
E22/S88	2	BRM 1	IIIc		Debitage	3
E22/S88	6	BRM 1	IIIc	19F-5	Biface Stage 2	1
E22/S88	6	BRM 1	IIIc	19F-3	Biface Stage 2	1
E22/S88	6	BRM 1	IIIc	19F-2	Biface Stage 2	1
E22/S88	6	BRM 1	IIIc	19F-4	Biface Stage 2	1
E22/S88	6	BRM 1	IIIc		Debitage	476
E22/S88	6	BRM 1	IIIc	19F-15	Denticulated flake	1
E22/S88	6	BRM 1	IIIc	19F-17	Edge modified flake	1
E22/S88	6	BRM 1	IIIc	19F-8	Edge modified flake	1
E22/S88	6	BRM 1	IIIc	19F-9	Edge modified flake	1
E22/S88	6	BRM 1	IIIc	19F-16	Edge modified flake	1
E22/S88	6	BRM 1	IIIc	19F-14	Edge modified flake	1
E22/S88	6	BRM 1	IIIc	19F-1	Metate fragment	1
E22/S88	6	BRM 1	IIIc	19F-7	Microspur/microdenticulate	1
E22/S88	6	BRM 1	IIIc	19F-12	Thin uniface	1
E22/S88	6	BRM 1	IIIc	19F-11	Thin uniface	1
E22/S88	6	BRM 1	IIIc	19F-13	Thin uniface	1
E22/S88	6	BRM 1	IIIc	19F-6	Uniface, unanalyzed	1
E22/S88	7	BRM 1	IIIc	19G-3	Biface Stage 2	1
E22/S88	7	BRM 1	IIIc		Debitage	438
E22/S88	7	BRM 1	IIIc	19G-9	Edge modified flake	1
E22/S88	7	BRM 1	IIIc	19G-10	Edge modified flake	1
E22/S88	7	BRM 1	IIIc	19G-8	Edge modified flake	1
E22/S88	7	BRM 1	IIIc	19G-7	Edge modified flake	1
E22/S88	7	BRM 1	IIIc	19G-5	Edge modified flake	1
E22/S88	7	BRM 1	IIIc	19G-1	Mano	1
E22/S88	7	BRM 1	IIIc	19G-2	Metate fragment	1
E22/S88	7	BRM 1	IIIc	19G-11	Notched flake	1
E22/S88	7	BRM 1	IIIc	19G-4	Perforator Group 2	1
E22/S88	7	BRM 1	IIIc	19G-12	Thin uniface fragment	1
E22/S88	8	BRM 1	IIIc	19H-1	Biface Stage 2	1
E22/S88	8	BRM 1	IIIc		Debitage	435
E22/S88	8	BRM 1	IIIc	19H-2	Edge modified flake	1
E22/S88	8	BRM 1	IIIc	19H-3	Edge modified flake	1
E22/S88	8	BRM 1	IIIc	19H-4	Edge modified flake	1
E22/S88	8	BRM 1	IIIc	19H-5	Edge modified flake	1
E22/S88	8	BRM 1	IIIc	19H-6	Edge modified flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-3	Biface Stage 2	1
E22/S88	9	BRM 1	Y/IIIc	19I-5	Bifacial tool Form A	1
E22/S88	9	BRM 1	Y/IIIc	19I-4	Bifacial tool Form B	1
E22/S88	9	BRM 1	Y/IIIc	19I-6	Bifacial tool Form J	1
E22/S88	9	BRM 1	Y/IIIc	19I-8	Core, thermal	1
E22/S88	9	BRM 1	Y/IIIc	19I-7	Core, thermal	1
E22/S88	9	BRM 1	Y/IIIc		Debitage	702
E22/S88	9	BRM 1	Y/IIIc	19I-10	Denticulated flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-13	Edge modified flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-18	Edge modified flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-12	Edge modified flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-21	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S88	9	BRM 1	Y/IIIc	19I-11	Edge modified flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-14	Microspur/microdenticulate	1
E22/S88	9	BRM 1	Y/IIIc	19I-16	Notched flake	1
E22/S88	9	BRM 1	Y/IIIc	19I-15	Projectile point, Bell/Andice	1
E22/S88	9	BRM 1	Y/IIIc	19I-1	Projectile point, Gower/Uvalde	1
E22/S88	9	BRM 1	Y/IIIc	19I-2	Projectile point, Uvalde-like	1
E22/S88	9	BRM 1	Y/IIIc	19I-19	Thick uniface	1
E22/S88	9	BRM 1	Y/IIIc	19I-20	Thin uniface fragment	1
E22/S88	9	BRM 1	Y/IIIc	19I-9	Unifacial multiple tool	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-9	Biface fragment	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-2	Biface Stage 2	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-3	Biface Stage 2	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-6	Biface Stage 2	1
E22/S88	10	BRM 1	Y/IIIb/c		Debitage	580
E22/S88	10	BRM 1	Y/IIIb/c	19J-8	Edge modified flake	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-4	Notched flake	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-1	Projectile point, bifurcate stem fragment	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-7	Thin uniface	1
E22/S88	10	BRM 1	Y/IIIb/c	19J-5	Thin uniface	1
E22/S88	11		Y/IIIb	19K-3	Biface Stage 2	1
E22/S88	11		Y/IIIb	19K-5	Burin	1
E22/S88	11		Y/IIIb		Debitage	642
E22/S88	11		Y/IIIb	19K-6	Edge modified flake	1
E22/S88	11		Y/IIIb	19K-4	Edge modified flake	1
E22/S88	11		Y/IIIb	19K-9	Projectile point, expanding concave B	1
E22/S88	11		Y/IIIb	19K-1	Projectile point, expanding concave D	1
E22/S88	11		Y/IIIb	19K-2	Thin uniface	1
E22/S88	11		Y/IIIb	19K-8	Thin uniface	1
E22/S88	11		Y/IIIb	19K-7	Unifacial multiple tool	1
E22/S88	12		X/Y/IIIb	19L-7	Bifacial tool Form A	1
E22/S88	12		X/Y/IIIb	19L-5	Burin spall	1
E22/S88	12		X/Y/IIIb	19L-8	Burin spall	1
E22/S88	12		X/Y/IIIb	19L-10	Core tool, type 1	1
E22/S88	12		X/Y/IIIb	19L-9	Core tool, type 5	1
E22/S88	12		X/Y/IIIb		Debitage	602
E22/S88	12		X/Y/IIIb	19L-18	Edge modified flake	1
E22/S88	12		X/Y/IIIb	19L-16	Edge modified flake	1
E22/S88	12		X/Y/IIIb	19L-14	Edge modified flake	1
E22/S88	12		X/Y/IIIb	19L-15	Edge modified flake	1
E22/S88	12		X/Y/IIIb	19L-11	Microspur/microdenticulate	1
E22/S88	12		X/Y/IIIb	19L-2	Projectile point fragment	1
E22/S88	12		X/Y/IIIb	19L-4	Projectile point, expanding concave B	1
E22/S88	12		X/Y/IIIb	19L-3	Projectile point, miscellaneous side-notched	1
E22/S88	12		X/Y/IIIb	19L-1	Projectile point, Thrall	1
E22/S88	12		X/Y/IIIb	19L-6	Projectile point, Wells	1
E22/S88	12		X/Y/IIIb	19L-17	Thin uniface fragment	1
E22/S88	12		X/Y/IIIb	19L-13	Unifacial multiple tool	1
E22/S88	12		X/Y/IIIb	19L-12	Unifacial multiple tool	1
E22/S88	13		X/IIIb	19M-2	Biface Stage 1	1
E22/S88	13		X/IIIb	19M-1	Biface Stage 2	1
E22/S88	13		X/IIIb	19M-3	Biface Stage 2	1
E22/S88	13		X/IIIb	19M-4	Burin spall	1
E22/S88	13		X/IIIb		Debitage	540
E22/S88	13		X/IIIb	19M-8	Denticulated flake	1
E22/S88	13		X/IIIb	19M-7	Edge modified flake	1
E22/S88	13		X/IIIb	19M-5	Perforator Group 7	1
E22/S88	13		X/IIIb	19M-6	Uniface, unanalyzed	1
E22/S88	14		X/IIIb	19N-12	Biface Stage 1	1
E22/S88	14		X/IIIb	19N-5	Biface Stage 2	1
E22/S88	14		X/IIIb	19N-7	Biface Stage 2	1
E22/S88	14		X/IIIb		Debitage	453
E22/S88	14		X/IIIb	19N-8	Edge modified flake	1
E22/S88	14		X/IIIb	19N-6	Projectile point fragment	1
E22/S88	14		X/IIIb	19N-2	Projectile point, bifurcate stem fragment	1
E22/S88	14		X/IIIb	19N-4	Projectile point, expanding concave B	1
E22/S88	14		X/IIIb	19N-1	Projectile point, Thrall	1
E22/S88	14		X/IIIb	19N-3	Projectile point, Uvalde	1
E22/S88	14		X/IIIb	19N-11	Thin uniface fragment	1
E22/S88	14		X/IIIb	19N-9	Unifacial multiple tool	1
E22/S88	14		X/IIIb	19N-10	Unifacial multiple tool	1
E22/S88	15		X	19O-2	Battered cobble	1
E22/S88	15		X	19O-5	Biface fragment	1
E22/S88	15		X	19O-4	Biface Stage 2	1
E22/S88	15		X	19O-8	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S88	15	Feature 103	X	19O-15	Burin	1
E22/S88	15		X	19O-6	Core fragment	1
E22/S88	15		X		Debitage	685
E22/S88	15		X	19O-14	Edge modified flake	1
E22/S88	15		X	19O-16	Edge modified flake	1
E22/S88	15		X	19O-10	Edge modified flake	1
E22/S88	15		X	19O-13	Edge modified flake	1
E22/S88	15		X	19O-9	Edge modified flake	1
E22/S88	15		X	19O-11	Edge modified flake	1
E22/S88	15		X	19O-7	Projectile point, bifurcate stem fragment	1
E22/S88	15		X	19O-1	Projectile point, expanding concave D	1
E22/S88	15		X	19O-12	Uniface, unanalyzed	1
E22/S88	15		X	19O-17	Clear Fork biface	1
E22/S88	16		X	19P-10	Biface fragment	1
E22/S88	16		X	19P-2	Biface Stage 2	1
E22/S88	16		X	19P-4	Biface Stage 2	1
E22/S88	16		X	19P-1	Biface Stage 2	1
E22/S88	16		X	19P-3	Burin	1
E22/S88	16		X	19P-15	Core, thermal	1
E22/S88	16		X	19P-16	Core, thermal	1
E22/S88	16		X		Debitage	895
E22/S88	16		X	19P-9	Edge modified flake	1
E22/S88	16		X	19P-12	Edge modified flake	1
E22/S88	16		X	19P-13	Edge modified flake	1
E22/S88	16		X	19P-8	Edge modified flake	1
E22/S88	16		X	19P-5	Edge modified flake	1
E22/S88	16		X	19P-6	Edge modified flake	1
E22/S88	16		X	19P-11	Microspur/microdenticulate	1
E22/S88	16		X	19P-14	Thin uniface	1
E22/S88	16		X	19P-7	Uniface, unanalyzed	1
E22/S88	16		X	19P-17	Worked hematite	1
E22/S88	16		X	19P-18	Worked hematite	1
E22/S88	17		X	19Q-1	Burin spall	1
E22/S88	17		X		Debitage	714
E22/S88	17		X	19Q-4	Edge modified flake	1
E22/S88	17		X	19Q-2	Perforator Group 7	1
E22/S88	17		X	19Q-3	Unifacial multiple tool	1
E22/S88	18		X	19R-1	Clear Fork biface, proximal	1
E22/S88	18		X		Debitage	219
E22/S88	18		X	19R-2	Denticulated flake	1
E22/S88	19		X	19S-5	Biface Stage 1	1
E22/S88	19		X	19S-8	Burin	1
E22/S88	19		X	19S-3	Core fragment	1
E22/S88	19		X		Debitage	387
E22/S88	19		X	19S-10	Edge modified flake	1
E22/S88	19		X	19S-7	Edge modified flake	1
E22/S88	19		X	19S-4	Edge modified flake	1
E22/S88	19		X	19S-12	Edge modified flake	1
E22/S88	19		X	19S-11	Edge modified flake	1
E22/S88	19		X	19S-2	Perforator Group 1	1
E22/S88	19		X	19S-9	Perforator Group 7	1
E22/S88	19		X	19S-1	Projectile point, Hoxie?	1
E22/S88	19		X	19S-6	Thin uniface fragment	1
E22/S88	20		X	19T-1	Biface fragment	1
E22/S88	20		X	19T-2	Biface fragment	1
E22/S88	20		X	19T-3	Clear Fork biface, proximal	1
E22/S88	20		X		Debitage	382
E22/S88	22		X	19V-1	Burin spall	1
E22/S88	22		X		Debitage	209
E22/S88	22		X	19V-2	Thin uniface fragment	1
E22/S88	23		X		Debitage	91
E22/S88	23	Feature 115	X		Debitage	2
E22/S88	23	Feature 115	X	19W-1	Mano fragment	1
E22/S88	25		X	19Y-1	Biface Stage 2	1
E22/S88	25		X		Debitage	74
E22/S88	26		X		Debitage	70
E22/S90	6	BRM 1	IIIc	18F-2	Biface Stage 1	1
E22/S90	6	BRM 1	IIIc	18F-1	Biface Stage 2	1
E22/S90	6	BRM 1	IIIc	18F-7	Clear Fork uniface	1
E22/S90	6	BRM 1	IIIc		Debitage	346
E22/S90	6	BRM 1	IIIc	18F-8	Edge modified flake	1
E22/S90	6	BRM 1	IIIc	18F-6	Edge modified flake	1
E22/S90	6	BRM 1	IIIc	18F-4	Projectile point fragment	1
E22/S90	6	BRM 1	IIIc	18F-3	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S90	6	BRM 1	IIIc	18F-5	Unifacial multiple tool	1
E22/S90	7	BRM 1	IIIc	18G-6	Biface fragment	1
E22/S90	7	BRM 1	IIIc	18G-1	Biface Stage 2	1
E22/S90	7	BRM 1	IIIc	18G-5	Biface Stage 2	1
E22/S90	7	BRM 1	IIIc	18G-3	Biface Stage 2	1
E22/S90	7	BRM 1	IIIc	18G-2	Biface Stage 3	1
E22/S90	7	BRM 1	IIIc	18G-4	Biface Stage 3	1
E22/S90	7	BRM 1	IIIc	18G-7	Burin spall	1
E22/S90	7	BRM 1	IIIc		Debitage	461
E22/S90	7	BRM 1	IIIc	18G-17	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-10	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-12	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-15	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-18	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-9	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-13	Edge modified flake	1
E22/S90	7	BRM 1	IIIc	18G-14	Notched flake	1
E22/S90	7	BRM 1	IIIc	18G-8	Projectile point, Bulverde-like	1
E22/S90	7	BRM 1	IIIc	18G-11	Unifacial multiple tool	1
E22/S90	8	BRM 1	Y/IIIc	18H-3	Biface fragment	1
E22/S90	8	BRM 1	Y/IIIc	18H-4	Biface Stage 2	1
E22/S90	8	BRM 1	Y/IIIc	18H-2	Biface Stage 2	1
E22/S90	8	BRM 1	Y/IIIc	18H-6	Burin	1
E22/S90	8	BRM 1	Y/IIIc		Debitage	351
E22/S90	8	BRM 1	Y/IIIc	18H-1	Projectile point, Bulverde-like	1
E22/S90	8	BRM 1	Y/IIIc	18H-8	Thin uniface	1
E22/S90	8	BRM 1	Y/IIIc	18H-7	Thin uniface fragment	1
E22/S90	8	BRM 1	Y/IIIc	18H-5	Uniface, unanalyzed	1
E22/S90	9	BRM 1	Y/IIIc		Debitage	404
E22/S90	9	BRM 1	Y/IIIc	18I-1	Projectile point, expanding concave A	1
E22/S90	10	BRM 1	Y/IIIc	18J-7	Biface fragment	1
E22/S90	10	BRM 1	Y/IIIc	18J-8	Biface Stage 1	1
E22/S90	10	BRM 1	Y/IIIc	18J-4	Biface Stage 2	1
E22/S90	10	BRM 1	Y/IIIc	18J-3	Biface Stage 2	1
E22/S90	10	BRM 1	Y/IIIc	18J-2	Biface Stage 2	1
E22/S90	10	BRM 1	Y/IIIc	18J-10	Clear Fork biface	1
E22/S90	10	BRM 1	Y/IIIc		Debitage	1011
E22/S90	10	BRM 1	Y/IIIc	18J-17	Edge modified flake	1
E22/S90	10	BRM 1	Y/IIIc	18J-12	Edge modified flake	1
E22/S90	10	BRM 1	Y/IIIc	18J-16	Edge modified flake	1
E22/S90	10	BRM 1	Y/IIIc	18J-19	Edge modified flake	1
E22/S90	10	BRM 1	Y/IIIc	18J-21	Edge modified flake	1
E22/S90	10	BRM 1	Y/IIIc	18J-5	Micro-core, small	1
E22/S90	10	BRM 1	Y/IIIc	18J-14	Microspur/microdenticulate	1
E22/S90	10	BRM 1	Y/IIIc	18J-18	Notched flake	1
E22/S90	10	BRM 1	Y/IIIc	18J-11	Perforator Unifacial	1
E22/S90	10	BRM 1	Y/IIIc	18J-1	Projectile point, Uvalde	1
E22/S90	10	BRM 1	Y/IIIc	18J-13	Thin uniface fragment	1
E22/S90	10	BRM 1	Y/IIIc	18J-15	Uniface, unanalyzed	1
E22/S90	10	BRM 1	Y/IIIc	18J-6	Uniface, unanalyzed	1
E22/S90	10	BRM 1	Y/IIIc	18J-20	Unifacial multiple tool	1
E22/S90	12		X/Y	18L-2	Biface Stage 1	1
E22/S90	12		X/Y	18L-3	Biface Stage 1	1
E22/S90	12		X/Y	18L-6	Bifacial tool Form B	1
E22/S90	12		X/Y	18L-4	Burin spall	1
E22/S90	12		X/Y	18L-5	Core fragment	1
E22/S90	12		X/Y		Debitage	707
E22/S90	12		X/Y	18L-9	Edge modified flake	1
E22/S90	12		X/Y	18L-7	Edge modified flake	1
E22/S90	12		X/Y	18L-1	Projectile point, St. Mary's Hall-atypic	1
E22/S90	12		X/Y	18L-12	Thin uniface	1
E22/S90	12		X/Y	18L-10	Uniface, unanalyzed	1
E22/S90	12		X/Y	18L-8	Uniface, unanalyzed	1
E22/S90	12		X/Y	18L-11	Unifacial multiple tool	1
E22/S90	13		X/Y	18M-3	Biface Stage 1	1
E22/S90	13		X/Y	18M-2	Biface Stage 2	1
E22/S90	13		X/Y	18M-4	Biface Stage 3	1
E22/S90	13		X/Y	18M-7	Burin spall	1
E22/S90	13		X/Y		Debitage	411
E22/S90	13		X/Y	18M-5	Microspur/microdenticulate	1
E22/S90	13		X/Y	18M-1	Projectile point, Uvalde-like	1
E22/S90	13		X/Y	18M-6	Thin uniface fragment	1
E22/S90	14		X	18N-5	Biface Stage 2	1
E22/S90	14		X	18N-4	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S90	14		X	18N-12	Bifacial tool Form B	1
E22/S90	14		X	18N-8	Burin	1
E22/S90	14		X	18N-7	Burin spall	1
E22/S90	14		X	18N-6	Core tool, type 3	1
E22/S90	14		X	18N-9	Core tool, type 5	1
E22/S90	14		X		Debitage	419
E22/S90	14		X	18N-14	Edge modified flake	1
E22/S90	14		X	18N-13	Microspur/microdenticulate	1
E22/S90	14		X	18N-10	Perforator Group 4	1
E22/S90	14		X	18N-11	Projectile point fragment	1
E22/S90	14		X	18N-1	Projectile point, Gower/Uvalde	1
E22/S90	14		X	18N-2	Projectile point, Hoxie/Gower	1
E22/S90	14		X	18N-3	Small core hammerstone	1
E22/S90	14		X	18N-15	Thin uniface fragment	1
E22/S90	14		X	18N-16	Unifacial multiple tool	1
E22/S90	15	Feature 19/104	X	18O-13	Biface fragment	1
E22/S90	15	Feature 19/104	X	18O-2	Biface Stage 1	1
E22/S90	15	Feature 19/104	X	18O-3	Biface Stage 2	1
E22/S90	15	Feature 19/104	X	18O-5	Biface Stage 2	1
E22/S90	15	Feature 19/104	X	18O-17	Burin	1
E22/S90	15	Feature 19/104	X	18O-4	Core fragment	1
E22/S90	15	Feature 19/104	X		Debitage	629
E22/S90	15	Feature 19/104	X	18O-7	Edge modified flake	1
E22/S90	15	Feature 19/104	X	18O-18	Edge modified flake	1
E22/S90	15	Feature 19/104	X	18O-15	Edge modified flake	1
E22/S90	15	Feature 19/104	X	18O-10	Edge modified flake	1
E22/S90	15	Feature 19/104	X	18O-11	Microspur/microdenticulate	1
E22/S90	15	Feature 19/104	X	18O-14	Microspur/microdenticulate	1
E22/S90	15	Feature 19/104	X	18O-1	Projectile point, Baker	1
E22/S90	15	Feature 19/104	X	18O-16	Thin uniface fragment	1
E22/S90	15	Feature 19/104	X	18O-6	Uniface, unanalyzed	1
E22/S90	15	Feature 19/104	X	18O-8	Uniface, unanalyzed	1
E22/S90	15	Feature 19/104	X	18O-9	Uniface, unanalyzed	1
E22/S90	15-18	Feature 104	X		Debitage	298
E22/S90	16	Feature 19/104	X	18P-2	Burin spall	1
E22/S90	16	Feature 19/104	X		Debitage	343
E22/S90	16	Feature 19/104	X	18P-1	Projectile point, Thrall	1
E22/S90	17	Feature 104	X		Debitage	97
E22/S90	18		X	18RC-11	Bifacial tool	1
E22/S90	18	Feature 104	X	18R-2	Biface Stage 2	1
E22/S90	18	Feature 104	X	18R-1	Biface Stage 2	1
E22/S90	18	Feature 104	X	18RA-8	Burin	1
E22/S90	18	Feature 104	X	18RC-13	Burin spall	1
E22/S90	18	Feature 104	X		Debitage	456
E22/S90	18	Feature 104	X	18RD-16	Edge modified flake	1
E22/S90	18	Feature 104	X	18R-3	Edge modified flake	1
E22/S90	18	Feature 104	X	18RC-14	Edge modified flake	1
E22/S90	18	Feature 104	X	18RB-9	Edge modified flake	1
E22/S90	18	Feature 104	X	18RA-6	Edge modified flake	1
E22/S90	18	Feature 104	X	18RB-10	Thin uniface	1
E22/S90	18	Feature 104	X	18RD-15	Uniface, unanalyzed	1
E22/S90	19		X		Debitage	187
E22/S90	19		X	18QD-6	Edge modified flake	1
E22/S90	19		X	18QC-3	Edge modified flake	1
E22/S90	19		X	18QA-1	Projectile point fragment	1
E22/S90	19		X	18QC-4	Thick uniface	1
E22/S90	19	Feature 192	X	18QD-5	Edge modified flake	1
E22/S90	19	Feature 192	X	18QB-2	Perforator Group 6	1
E22/S90	20		X		Debitage	110
E22/S90	21		X	18SC-3	Biface fragment	1
E22/S90	21		X		Debitage	122
E22/S90	21		X	18SB-2	Projectile point, Golondrina-Barber	1
E22/S90	22		X		Debitage	93
E22/S90	22		X	18TB-2	Perforator Group 7	1
E22/S90	22		X	18TB-1	Projectile point fragment	1
E22/S90	23		X	18UC-1	Burin spall	1
E22/S90	23		X		Debitage	31
E22/S90	24		X		Debitage	28
E22/S90	Unknown	Feature 104			Debitage	4
E22/S98	1		IIIc	4A-3	Arrow point, preform	1
E22/S98	1		IIIc	4A-1	Arrow point, Scallorn	1
E22/S98	1		IIIc	4A-7	Biface Stage 2	1
E22/S98	1		IIIc	4A-9	Biface Stage 2	1
E22/S98	1		IIIc	4A-10	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S98	1		IIIc	4A-8	Biface Stage 2	1
E22/S98	1		IIIc	4A-6	Bifacial tool Form A	1
E22/S98	1		IIIc		Debitage	675
E22/S98	1		IIIc	4A-2	Mano fragment	1
E22/S98	1		IIIc	4A-14	Microspur/microdenticulate	1
E22/S98	1		IIIc	4A-13	Projectile point fragment	1
E22/S98	1		IIIc	4A-12	Projectile point fragment	1
E22/S98	1		IIIc	4A-11	Projectile point fragment	1
E22/S98	2		IIIc	4B-9	Biface fragment	1
E22/S98	2		IIIc	4B-3	Biface Stage 2	1
E22/S98	2		IIIc	4B-6	Biface Stage 2	1
E22/S98	2		IIIc		Debitage	278
E22/S98	2		IIIc	4B-7	Edge modified flake	1
E22/S98	2		IIIc	4B-10	Perforator Unifacial	1
E22/S98	2		IIIc	4B-11	Projectile point fragment	1
E22/S98	2		IIIc	4B-1	Projectile point, Darl	1
E22/S98	2		IIIc	4B-5	Projectile point, Ensor	1
E22/S98	2		IIIc	4B-2	Projectile point, Gower	1
E22/S98	2		IIIc	4B-4	Thin uniface fragment	1
E22/S98	2		IIIc	4B-8	Unifacial multiple tool	1
E22/S98	2		IIIc	4B-13	Unifacial multiple tool	1
E22/S98	3	BRM 1	IIIc		Debitage	70
E22/S98	4	BRM 1	IIIc	4D-2	Biface Stage 2	1
E22/S98	4	BRM 1	IIIc	4D-4	Biface Stage 2	1
E22/S98	4	BRM 1	IIIc	4D-3	Biface Stage 3	1
E22/S98	4	BRM 1	IIIc		Debitage	94
E22/S98	4	BRM 1	IIIc	4D-1	Projectile point, expanding stem D	1
E22/S98	4	BRM 1	IIIc	4D-6	Thin uniface	1
E22/S98	4	BRM 1	IIIc	4D-5	Thin uniface fragment	1
E22/S98	5	BRM 1	IIIc	4E-3	Biface Stage 1	1
E22/S98	5	BRM 1	IIIc	4E-2	Biface Stage 2	1
E22/S98	5	BRM 1	IIIc		Debitage	149
E22/S98	5	BRM 1	IIIc	4E-1	Projectile point, Jetta	1
E22/S98	7		Y/IIIc	4G-2	Battered cobble	1
E22/S98	7		Y/IIIc	4G-1	Battered cobble	1
E22/S98	7		Y/IIIc		Debitage	66
E22/S98	8		Y/IIIc	4H-1	Biface fragment	1
E22/S98	8		Y/IIIc	4H-2	Biface Stage 1	1
E22/S98	8		Y/IIIc		Debitage	134
E22/S98	8		Y/IIIc	4H-4	Edge modified flake	1
E22/S98	8		Y/IIIc	4H-3	Unifacial multiple tool	1
E22/S98	9		Y	4I-4	Biface fragment	1
E22/S98	9		Y	4I-9	Biface fragment	1
E22/S98	9		Y	4I-7	Biface Stage 2	1
E22/S98	9		Y		Debitage	113
E22/S98	9		Y	4I-6	Edge modified flake	1
E22/S98	9		Y	4I-5	Edge modified flake	1
E22/S98	9		Y	4I-8	Microspur/microdenticulate	1
E22/S98	9		Y	4I-2	Piece esquillee	1
E22/S98	9		Y	4I-1	Projectile point, Uvalde	1
E22/S98	10		Y	4J-2	Biface Stage 2	1
E22/S98	10		Y		Debitage	496
E22/S98	10		Y	4J-1	Projectile point, Hoxie/Gower	1
E22/S98	11		X/Y	4K-4	Biface fragment	1
E22/S98	11		X/Y		Debitage	125
E22/S98	11		X/Y	4K-5	Edge modified flake	1
E22/S98	11		X/Y	4K-3	Edge modified flake	1
E22/S98	11		X/Y	4K-1	Projectile point, Baker	1
E22/S98	11		X/Y	4K-2	Unifacial multiple tool	1
E22/S98	12		X/Y	4L-1	Biface Stage 3	1
E22/S98	12		X/Y	4L-2	Burin spall	1
E22/S98	12		X/Y		Debitage	106
E22/S98	13		X	4M-2	Biface fragment	1
E22/S98	13		X	4M-1	Biface Stage 3	1
E22/S98	13		X		Debitage	54
E22/S98	13		X	4M-3	Microspur/microdenticulate	1
E22/S98	14		X		Debitage	54
E22/S98	14		X	4N-1	Denticulated flake	1
E22/S98	15		X		Debitage	18
E22/S100	1		IIIc	2A-1	Arrow point, Alba	1
E22/S100	1		IIIc	2A-6	Biface fragment	1
E22/S100	1		IIIc	2A-10	Biface fragment	1
E22/S100	1		IIIc	2A-11	Biface Stage 2	1
E22/S100	1		IIIc	2A-5	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E22/S100	1		IIIc	2A-9	Biface Stage 2	1
E22/S100	1		IIIc	2A-3	Biface Stage 3	1
E22/S100	1		IIIc	2A-4	Biface Stage 3	1
E22/S100	1		IIIc		Debitage	480
E22/S100	1		IIIc	2A-20	Edge modified flake	1
E22/S100	1		IIIc	2A-12	Edge modified flake	1
E22/S100	1		IIIc	2A-16	Microspur/microdenticulate	1
E22/S100	1		IIIc	2A-18	Microspur/microdenticulate	1
E22/S100	1		IIIc	2A-2	Projectile point, Ensor	1
E22/S100	1		IIIc	2A-19	Unifacial multiple tool	1
E22/S100	2		IIIc	2B-1	Arrow point, Scallom	1
E22/S100	2		IIIc	2B-4	Biface Stage 1	1
E22/S100	2		IIIc	2B-5	Biface Stage 2	1
E22/S100	2		IIIc	2B-10	Burin spall	1
E22/S100	2		IIIc	2B-12	Burin spall	1
E22/S100	2		IIIc	2B-8	Core fragment	1
E22/S100	2		IIIc	2B-6	Core, thermal	1
E22/S100	2		IIIc		Debitage	256
E22/S100	2		IIIc	2B-11	Edge modified flake	1
E22/S100	2		IIIc	2B-3	Projectile point, Castroville	1
E22/S100	2		IIIc	2B-2	Projectile point, Ensor	1
E22/S100	2		IIIc	2B-9	Unifacial multiple tool	1
E22/S100	3		IIIc	2C-1	Biface fragment	1
E22/S100	3		IIIc		Debitage	31
E22/S100	3		IIIc	2C-2	Retouched blade	1
E22/S100	4		IIIc		Debitage	69
E22/S100	4		IIIc	2D-2	Projectile point fragment	1
E22/S100	4		IIIc	2D-1	Projectile point, beveled narrow stemmed	1
E22/S100	5		IIIc		Debitage	48
E22/S100	5		IIIc	2E-3	Metate fragment	1
E22/S100	5		IIIc	2E-1	Projectile point, Bulverde	1
E22/S100	5		IIIc	2E-2	Projectile point, Fairland	1
E22/S100	6		Y/IIIc	2F-2	Biface Stage 2	1
E22/S100	6		Y/IIIc	2F-4	Biface Stage 2	1
E22/S100	6		Y/IIIc	2F-3	Biface Stage 2	1
E22/S100	6		Y/IIIc	2F-1	Biface Stage 2	1
E22/S100	6		Y/IIIc		Debitage	139
E22/S100	6		Y/IIIc	2F-5	Thin uniface	1
E22/S100	8		Y	2H-3	Biface Stage 2	1
E22/S100	8		Y	2H-2	Biface Stage 2	1
E22/S100	8		Y	2H-1	Biface Stage 2	1
E22/S100	8		Y		Debitage	139
E22/S100	8		Y	2H-4	Thin uniface	1
E22/S100	9		Y	2I-2	Biface Stage 1	1
E22/S100	9		Y	2K-1	Biface Stage 2	1
E22/S100	9		Y		Debitage	18
E22/S100	9		Y	2I-1	Projectile point, Hoxie B	1
E22/S100	11		X/Y	2K-2	Biface Stage 2	1
E22/S100	11		X/Y	2K-3	Burin	1
E22/S100	11		X/Y	2K-4	Burin spall	1
E22/S100	11		X/Y		Debitage	127
E22/S100	12		X/Y	2L-1	Biface Stage 2	1
E22/S100	12		X/Y		Debitage	76
E22/S100	12		X/Y	2L-2	Microspur/microdenticulate	1
E22/S100	13		X	2M-2	Bifacial tool	1
E22/S100	13		X		Debitage	190
E22/S100	13		X	2M-4	Edge modified flake	1
E22/S100	13		X	2M-5	Edge modified flake	1
E22/S100	13		X	2M-3	Edge modified flake	1
E22/S100	13		X	2M-1	Projectile point, expanding concave E	1
E22/S100	14		X		Debitage	31
E22/S100	14		X	2N-2	Edge modified flake	1
E22/S100	14		X	2N-3	Thin uniface	1
E24/S60	Unknown			54*-1	Metate	1
E24/S64	13		III		Debitage	60
E24/S64	14		III		Debitage	176
E24/S64	14		III	52NC-3	Mano fragment	1
E24/S64	14		III	52NA-1	Microspur/microdenticulate	1
E24/S64	14		III	52ND-4	Uniface, unanalyzed	1
E24/S64	14		III	52ND-6	Uniface, unanalyzed	1
E24/S64	14		III	52ND-5	Uniface, unanalyzed	1
E24/S64	14		III	52NA-2	Uniface, unanalyzed	1
E24/S64	15		III	52OA-1	Burin spall	1
E24/S64	15		III	52OC-7	Core, thermal	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S64	15		III		Debitage	353
E24/S64	15		III	52OC-5	Microspur/microdenticulate	1
E24/S64	15		III	52OC-3	Projectile point, bifurcate stem fragment	1
E24/S64	15		III	52OC-8	Thin uniface fragment	1
E24/S64	15		III	52OC-6	Uniface, unanalyzed	1
E24/S64	15		III	52OA-2	Uniface, unanalyzed	1
E24/S64	15		III	52OD-9	Uniface, unanalyzed	1
E24/S64	15		III	52OC-4	Unifacial multiple tool	1
E24/S64	16		III	52PA-1	Biface fragment	1
E24/S64	16		III	52PB-10	Biface Stage 2	1
E24/S64	16		III	52PA-2	Burin	1
E24/S64	16		III		Debitage	306
E24/S64	16		III	52PB-6	Edge modified flake	1
E24/S64	16		III	52PC-12	Microspur/microdenticulate	1
E24/S64	16		III	52PD-16	Microspur/microdenticulate	1
E24/S64	16		III	52PA-3	Microspur/microdenticulate	1
E24/S64	16		III	52PC-11	Perforator Group 7	1
E24/S64	16		III	52PC-13	Uniface, unanalyzed	1
E24/S64	16		III	52PB-8	Uniface, unanalyzed	1
E24/S64	16		III	52PB-7	Uniface, unanalyzed	1
E24/S64	16		III	52PA-4	Uniface, unanalyzed	1
E24/S64	16		III	52PB-9	Uniface, unanalyzed	1
E24/S64	16		III	52PD-15	Uniface, unanalyzed	1
E24/S64	16		III	52PD-17	Unifacial multiple tool	1
E24/S72	15		IIIa/b	31O-4	Bifacial tool	1
E24/S72	15		IIIa/b	31O-7	Core tool, type 5	1
E24/S72	15		IIIa/b		Debitage	701
E24/S72	15		IIIa/b	31O-10	Denticulated flake	1
E24/S72	15		IIIa/b	31O-6	Edge modified flake	1
E24/S72	15		IIIa/b	31O-11	Micro-core, small	1
E24/S72	15		IIIa/b	31O-2	Projectile point, Gower	1
E24/S72	15		IIIa/b	31O-1	Projectile point, Hoxie B	1
E24/S72	15		IIIa/b	31O-3	Uniface, unanalyzed	1
E24/S72	15		IIIa/b	31O-9	Unifacial multiple tool	1
E24/S72	16		IIIa		Debitage	321
E24/S72	16A		IIIa	31P1-3	Biface Stage 1	1
E24/S72	16A		IIIa	31P1-6	Burin	1
E24/S72	16A		IIIa	31P1-5	Chert cobble, chunk	1
E24/S72	16A		IIIa		Debitage	249
E24/S72	16A		IIIa	31P1-9	Microspur/microdenticulate	1
E24/S72	16A		IIIa	31P1-13	Microspur/microdenticulate	1
E24/S72	16A		IIIa	31P1-2	Perforator Group 4	1
E24/S72	16A		IIIa	31P1-1	Projectile point, Thrall	1
E24/S72	16A		IIIa	31P1-4	Spurred flake	1
E24/S72	16A		IIIa	31P1-7	Thin uniface fragment	1
E24/S72	16A		IIIa	31P1-11	Uniface, unanalyzed	1
E24/S72	16B		IIIa	31P2-1	Biface fragment, unanalyzed	1
E24/S72	16B		IIIa		Debitage	670
E24/S72	16B		IIIa	31P2-2	Microspur/microdenticulate	1
E24/S72	16B		IIIa	31P2-4	Thin uniface	1
E24/S72	16B		IIIa	31P2-3	Uniface, unanalyzed	1
E24/S72	17		IIIa		Debitage	321
E24/S72	17A		IIIa	31Q1-1	Biface Stage 2	1
E24/S72	17A		IIIa		Debitage	420
E24/S72	17A		IIIa	31Q1-3	Thin uniface fragment	1
E24/S72	17A		IIIa	31Q1-2	Uniface, unanalyzed	1
E24/S72	17B		IIIa	31Q2-1	Bifacial tool Form B	1
E24/S72	17B		IIIa	31Q2-11	Burin spall	1
E24/S72	17B		IIIa		Debitage	631
E24/S72	17B		IIIa	31Q2-5	Edge modified flake	1
E24/S72	17B		IIIa	31Q2-2	Micro-core, intermediate	1
E24/S72	17B		IIIa	31Q2-6	Microspur/microdenticulate	1
E24/S72	17B		IIIa	31Q2-13	Spurred flake	1
E24/S72	17B		IIIa	31Q2-8	Uniface, unanalyzed	1
E24/S72	17B		IIIa	31Q2-15	Uniface, unanalyzed	1
E24/S72	17B		IIIa	31Q2-14	Uniface, unanalyzed	1
E24/S72	17B		IIIa	31Q2-10	Uniface, unanalyzed	1
E24/S72	17B		IIIa	31Q2-4	Unifacial multiple tool	1
E24/S72	17B		IIIa	31Q2-3	Unifacial multiple tool	1
E24/S72	17B		IIIa	31Q2-7	Unifacial multiple tool	1
E24/S72	18A		IIIa	31R1-8	Biface fragment	1
E24/S72	18A		IIIa	31R1-4	Burin	1
E24/S72	18A		IIIa	31R1-2	Clear Fork biface, proximal	1
E24/S72	18A		IIIa		Debitage	558

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S72	18A		IIIa	31R1-9	Edge modified flake	1
E24/S72	18A		IIIa	31R1-12	Microspur/microdenticulate	1
E24/S72	18A		IIIa	31R1-6	Perforator Group 7	1
E24/S72	18A		IIIa	31R1-11	Perforator Unifacial	1
E24/S72	18A		IIIa	31R1-7	Projectile point fragment	1
E24/S72	18A		IIIa	31R1-1	Projectile point, Thrall	1
E24/S72	18A		IIIa	31R1-10	Uniface, unanalyzed	1
E24/S72	18A		IIIa	31R1-5	Uniface, unanalyzed	1
E24/S72	18B		IIIa		Debitage	566
E24/S72	18B		IIIa	31R2-6	Denticulated flake	1
E24/S72	18B		IIIa	31R2-4	Microspur/microdenticulate	1
E24/S72	18B		IIIa	31R2-3	Microspur/microdenticulate	1
E24/S72	18B		IIIa	31R2-1	Projectile point, Gower	1
E24/S72	18B		IIIa	31R2-2	Projectile point, Hoxie	1
E24/S72	18B		IIIa	31R2-7	Uniface, unanalyzed	1
E24/S72	18B		IIIa	31R2-5	Uniface, unanalyzed	1
E24/S72	18B		IIIa	31R2-8	Uniface, unanalyzed	1
E24/S72	19A		IIIa	31S1-9	Biface fragment	1
E24/S72	19A		IIIa	31S1-8	Biface Stage 3	1
E24/S72	19A		IIIa	31S1-3	Bifacial tool Form E	1
E24/S72	19A		IIIa	31S1-5	Chert cobble, unmodified/tested	1
E24/S72	19A		IIIa		Debitage	457
E24/S72	19A		IIIa	31S1-11	Edge modified flake	1
E24/S72	19A		IIIa	31S1-6	Micro-core, intermediate	1
E24/S72	19A		IIIa	31S1-1	Projectile point, Hoxie	1
E24/S72	19A		IIIa	31S1-7	Thin uniface	1
E24/S72	19A		IIIa	31S1-10	Uniface, unanalyzed	1
E24/S72	19A		IIIa	31S1-4	Uniface, unanalyzed	1
E24/S72	19B		II/IIIa		Debitage	232
E24/S72	19B		II/IIIa	31S2D-5	Microspur/microdenticulate	1
E24/S72	19B		II/IIIa	31S2D-4	Thin uniface fragment	1
E24/S72	19B		II/IIIa	31S2C-3	Uniface, unanalyzed	1
E24/S72	20A		II/IIIa	31T1A-2	Biface Stage 2	1
E24/S72	20A		II/IIIa		Debitage	226
E24/S72	20A		II/IIIa	31T1-1	Notched flake	1
E24/S72	20A		II/IIIa	31T1D-6	Thin uniface fragment	1
E24/S72	20A		II/IIIa	31T1C-3	Uniface, unanalyzed	1
E24/S72	20A		II/IIIa	31T1C-4	Uniface, unanalyzed	1
E24/S72	20A		II/IIIa	31T1C-5	Uniface, unanalyzed	1
E24/S72	20B		II/IIIa	31T2A-1	Burin spall	1
E24/S72	20B		II/IIIa	31T2C-3	Burin spall	1
E24/S72	20B		II/IIIa		Debitage	179
E24/S72	20B		II/IIIa	31T2C-4	Thin uniface	1
E24/S72	20B		II/IIIa	31T2D-5	Uniface, unanalyzed	1
E24/S72	21A		II/IIIa	31U1B-1	Biface Stage 2	1
E24/S72	21A		II/IIIa		Debitage	162
E24/S72	21A		II/IIIa	31U1C-2	Projectile point, Angostura	1
E24/S72	21B		II		Debitage	86
E24/S72	22A		II		Debitage	101
E24/S72	22A		II	31V1D-2	Small core hammerstone	1
E24/S72	22A		II	31V1B-1	Thin uniface fragment	1
E24/S72	22B		II	31V2B-6	Biface Stage 2	1
E24/S72	22B		II		Debitage	69
E24/S72	22B		II	31V2B-5	Thin uniface	1
E24/S72	22B		II	31V2B-4	Uniface, unanalyzed	1
E24/S72	23A		II		Debitage	79
E24/S72	23A		II	31W1C-2	Uniface, unanalyzed	1
E24/S72	23B		II		Debitage	59
E24/S72	24A		II	31X1B-1	Biface fragment	1
E24/S72	24A		II		Debitage	80
E24/S72	24B		II	31X2B-2	Biface Stage 2	1
E24/S72	24B		II	31X2D-3	Biface Stage 2	1
E24/S72	24B		II		Debitage	72
E24/S72	24B		II	31X2B-1	Uniface, unanalyzed	1
E24/S72	25A		II	31Y1B-2	Biface Stage 2	1
E24/S72	25A		II		Debitage	78
E24/S72	25A		II	31Y1A-1	Uniface, unanalyzed	1
E24/S72	25B		II		Debitage	63
E24/S72	25B		II	31Y2A-1	Uniface, unanalyzed	1
E24/S72	26A		II		Debitage	39
E24/S72	26A		II	31Z1D-1	Uniface, unanalyzed	1
E24/S72	26B		II	31Z2C-1	Core, thermal	1
E24/S72	26B		II		Debitage	34
E24/S72	27A		II		Debitage	42

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S72	27A	Feature 178	II	31AA1C-1	Thick uniface fragment	1
E24/S72	27B		II		Debitage	31
E24/S72	28A		Isi-c/II		Debitage	42
E24/S72	28B		Isi-c/II		Debitage	22
E24/S72	29A		Isi-c		Debitage	23
E24/S72	29A		Isi-c	31CC1A-1	Thin uniface fragment	1
E24/S72	29B		Isi-c		Debitage	35
E24/S72	30A		Isi-c		Debitage	10
E24/S72	30B		Isi-c		Debitage	12
E24/S72	31A		Isi-c		Debitage	18
E24/S72	31B		Isi-c		Debitage	13
E24/S72	32A		lcl/Isi-c		Debitage	8
E24/S72	32A		lcl/Isi-c	31FF1B-2	Edge modified flake	1
E24/S72	32B		lcl/Isi-c		Debitage	12
E24/S72	33A		lcl/Isi-c	31GG1C-1	Core fragment	1
E24/S72	33A		lcl/Isi-c		Debitage	10
E24/S72	33B		lcl/Isi-c		Debitage	6
E24/S72	34A		lcl/Isi-c		Debitage	8
E24/S72	34B		lcl		Debitage	7
E24/S72	35A		lcl		Debitage	9
E24/S72	35B		lcl		Debitage	10
E24/S72	36A		Isi/lcl		Debitage	5
E24/S72	36B		Isi/lcl		Debitage	11
E24/S72	37A		Isi/lcl		Debitage	17
E24/S72	37A		Isi/lcl	31KK1A-1	Face battered stone	1
E24/S72	37B		Isi/lcl		Debitage	6
E24/S72	37B		Isi/lcl	31KK2B-1	Uniface, unanalyzed	1
E24/S72	37B		Isi/lcl		Debitage	1
E24/S72	38A		Isi/lcl		Debitage	5
E24/S72	38B		lgl/Isi		Debitage	10
E24/S72	39A		lgl/Isi		Debitage	5
E24/S72	39B		lgl/Isi	31MM2A-2	Biface Stage 2	1
E24/S72	39B		lgl/Isi		Debitage	13
E24/S72	39B		lgl/Isi	31MM2B-4	Edge modified flake	1
E24/S72	39B		lgl/Isi	31MM2B-3	Edge modified flake	1
E24/S72	40A		lgl/Isi	31NN1A-1	Core, multidirectional	1
E24/S72	40A		lgl/Isi		Debitage	10
E24/S72	40A		lgl/Isi	31NN1A-2	Uniface, unanalyzed	1
E24/S72	40B		lgl/Isi		Debitage	15
E24/S72	41A		lgl/Isi		Debitage	2
E24/S74	15		IIIa/b	30O-27	Biface fragment	1
E24/S74	15		IIIa/b	30O-18	Biface fragment	1
E24/S74	15		IIIa/b	30O-11	Biface fragment	1
E24/S74	15		IIIa/b	30O14	Biface fragment	1
E24/S74	15		IIIa/b	30O-25	Biface fragment	1
E24/S74	15		IIIa/b	30O-3	Biface Stage 2	1
E24/S74	15		IIIa/b	30O-8	Biface Stage 3	1
E24/S74	15		IIIa/b	30O-2	Burin	1
E24/S74	15		IIIa/b	30O-16	Burin spall	1
E24/S74	15		IIIa/b	30O-20	Burin spall	1
E24/S74	15		IIIa/b	30O-28	Burin spall	1
E24/S74	15		IIIa/b	30O-6	Core, multidirectional	1
E24/S74	15		IIIa/b		Debitage	1068
E24/S74	15		IIIa/b	30O-21	Microspur/microdenticulate	1
E24/S74	15		IIIa/b	30O-1	Projectile point, Angostura	1
E24/S74	15		IIIa/b	30O-7	Projectile point, expanding concave B	1
E24/S74	15		IIIa/b	30O-5	Retouched blade	1
E24/S74	15		IIIa/b	30O-24	Spurred flake	1
E24/S74	15		IIIa/b	30O-10	Thin uniface	1
E24/S74	15		IIIa/b	30O-23	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-26	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-22	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-19	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-17	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-15	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-9	Uniface, unanalyzed	1
E24/S74	15		IIIa/b	30O-12	Uniface, unanalyzed	1
E24/S74	16A		IIIa	30P1-3	Biface Stage 1	1
E24/S74	16A		IIIa	30P1-2	Biface Stage 2	1
E24/S74	16A		IIIa	30P1-1	Biface Stage 2	1
E24/S74	16A		IIIa		Debitage	392
E24/S74	16A		IIIa	30P1-4	Uniface, unanalyzed	1
E24/S74	16B		IIIa	30P2-1	Biface Stage 2	1
E24/S74	16B		IIIa		Debitage	509

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S74	16B		IIIa	30P2-2	Micro-core, intermediate	1
E24/S74	17A		IIIa	30Q1-2	Biface fragment	1
E24/S74	17A		IIIa	30Q1-3	Biface Stage 2	1
E24/S74	17A		IIIa		Debitage	366
E24/S74	17A		IIIa	30Q1-1	Grooved stone	1
E24/S74	17B		IIIa	30Q2-2	Biface Stage 2	1
E24/S74	17B		IIIa	30Q2-3	Biface Stage 3	1
E24/S74	17B		IIIa	30Q2-4	Burin spall	1
E24/S74	17B		IIIa	30Q2-1	Clear Fork biface	1
E24/S74	17B		IIIa		Debitage	710
E24/S74	17B		IIIa	30Q2-5	Uniface, unanalyzed	1
E24/S74	17B	Feature 130	IIIa	30Q2-6	Chert cobble, unmodified/tested	1
E24/S74	18A		IIIa		Debitage	626
E24/S74	18A		IIIa	30R1-1	Thin uniface	1
E24/S74	18A	Feature 130	IIIa	30R1-3	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-8	Biface fragment	1
E24/S74	18B		IIIa	30R2-7	Biface Stage 1	1
E24/S74	18B		IIIa	30R2-2	Biface Stage 2	1
E24/S74	18B		IIIa	30R2-5	Bifacial tool Form J	1
E24/S74	18B		IIIa	30R2-3	Burin	1
E24/S74	18B		IIIa	30R2-13	Burin	1
E24/S74	18B		IIIa	30R2-12	Core, thermal	1
E24/S74	18B		IIIa		Debitage	638
E24/S74	18B		IIIa	30R2-20	Large core hammerstone	1
E24/S74	18B		IIIa	30R2-4	Micro-core, intermediate	1
E24/S74	18B		IIIa	30R2-6	Microspur/microdenticulate	1
E24/S74	18B		IIIa	30R2-22	Microspur/microdenticulate	1
E24/S74	18B		IIIa	30R2-1	Thick uniface	1
E24/S74	18B		IIIa	30R2-21	Thin uniface	1
E24/S74	18B		IIIa	30R2-17	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-10	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-9	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-11	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-15	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-19	Uniface, unanalyzed	1
E24/S74	18B		IIIa	30R2-16	Uniface, unanalyzed	1
E24/S74	19A		IIIa	30S1-1	Burin spall	1
E24/S74	19A		IIIa		Debitage	403
E24/S74	19A		IIIa	30S1-6	Thin uniface fragment	1
E24/S74	19A		IIIa	30S1-5	Uniface, unanalyzed	1
E24/S74	19A		IIIa	30S1-3	Uniface, unanalyzed	1
E24/S74	19A		IIIa	30S1-4	Uniface, unanalyzed	1
E24/S74	19A		IIIa	30S1-2	Unifacial multiple tool	1
E24/S74	19A	Feature 139	IIIa	30S1-7	Possible ground stone	1
E24/S74	19B		IIIa	30S2D-6	Burin spall	1
E24/S74	19B		IIIa		Debitage	225
E24/S74	19B		IIIa	30S2A-2	Thin uniface	1
E24/S74	19B		IIIa	30S2C-5	Uniface, unanalyzed	1
E24/S74	19B		IIIa	30S2C-3	Uniface, unanalyzed	1
E24/S74	19B		IIIa	30S2C-4	Uniface, unanalyzed	1
E24/S74	20A		II/IIIa	30T1C-3	Clear Fork biface	1
E24/S74	20A		II/IIIa		Debitage	232
E24/S74	20A		II/IIIa	30T1C-1	Perforator Unifacial	1
E24/S74	20A		II/IIIa	30T1D-5	Projectile point, miscellaneous lanceolate	1
E24/S74	20A		II/IIIa	30T1C-4	Thin uniface	1
E24/S74	20A		II/IIIa	30T1C-2	Thin uniface	1
E24/S74	20B		II/IIIa	30T2D-4	Core, thermal	1
E24/S74	20B		II/IIIa		Debitage	190
E24/S74	20B		II/IIIa	30T2B-2	Microspur/microdenticulate	1
E24/S74	20B		II/IIIa	30T2A-1	Notched flake	1
E24/S74	20B		II/IIIa	30T2C-3	Uniface, unanalyzed	1
E24/S74	21A		II	30U1B-1	Biface fragment	1
E24/S74	21A		II		Debitage	191
E24/S74	21A		II	30U1B-2	Thin uniface	1
E24/S74	21A		II	30U1C-3	Uniface, unanalyzed	1
E24/S74	21A		II	30U1C-4	Uniface, unanalyzed	1
E24/S74	21B		II	30U2D-3	Core, thermal	1
E24/S74	21B		II		Debitage	137
E24/S74	21B		II	30U2C-2	Edge modified flake	1
E24/S74	21B		II	30U2D-4	Uniface, unanalyzed	1
E24/S74	21B		II	30U2A-1	Uniface, unanalyzed	1
E24/S74	21B	Feature 150	II		Debitage	45
E24/S74	22A		II	30V1D-5	Biface Stage 1	1
E24/S74	22A		II		Debitage	117

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S74	22A		II	30V1D-4	Thin uniface	1
E24/S74	22A		II	30V1B-2	Uniface, unanalyzed	1
E24/S74	22A		II	30V1C-3	Uniface, unanalyzed	1
E24/S74	22A		II	30V1D-6	Uniface, unanalyzed	1
E24/S74	22B		II		Debitage	92
E24/S74	22B		II	30V2C-1	Notched flake	1
E24/S74	22B		II	30V2D-2	Projectile point, miscellaneous lanceolate	1
E24/S74	23A		II		Debitage	87
E24/S74	23B		II		Debitage	73
E24/S74	23B		II	30W2C-1	Uniface, unanalyzed	1
E24/S74	24A		II		Debitage	79
E24/S74	24A		II	30X1D-3	Thin uniface fragment	1
E24/S74	24A		II	30X1B-1	Uniface, unanalyzed	1
E24/S74	24B		II		Debitage	106
E24/S74	24B		II	30X2B-1	Uniface, unanalyzed	1
E24/S74	25A		II		Debitage	99
E24/S74	25A		II	30Y1C-1	Thick uniface	1
E24/S74	25A		II	30Y1D-2	Thin uniface	1
E24/S74	25B		II	30Y2C-2	Biface Stage 2	1
E24/S74	25B		II		Debitage	65
E24/S74	25B		II	30Y2A-1	Thin uniface	1
E24/S74	26A		II		Debitage	38
E24/S74	26A		II	30Z1D-2	Uniface, unanalyzed	1
E24/S74	26A		II	30Z1A-1	Unifacial multiple tool	1
E24/S74	26B		II		Debitage	42
E24/S74	27A		II		Debitage	51
E24/S74	27B		Isi-c/II		Debitage	40
E24/S74	27B		Isi-c/II	30AA2B-1	Uniface, unanalyzed	1
E24/S74	28A		Isi-c/II		Debitage	31
E24/S74	28B		Isi-c	30BB2A-1	Core tool, type 2	1
E24/S74	28B		Isi-c		Debitage	24
E24/S74	28B		Isi-c	30BB2D-2	Uniface, unanalyzed	1
E24/S74	29A		Isi-c		Debitage	20
E24/S74	29A		Isi-c	30CC1D-1	Uniface, unanalyzed	1
E24/S74	29B		Isi-c		Debitage	27
E24/S74	29B		Isi-c	30CC2A-1	Projectile point, Wilson	1
E24/S74	29B		Isi-c	30CC2D-2	Thin uniface fragment	1
E24/S74	30A		Isi-c		Debitage	24
E24/S74	30A		Isi-c	30DD1A-2	Micro-core, large	1
E24/S74	30A		Isi-c	30DD1A-1	Uniface, unanalyzed	1
E24/S74	30B		Isi-c		Debitage	16
E24/S74	30B		Isi-c	30DD2B-1	Uniface, unanalyzed	1
E24/S74	31A		Isi-c		Debitage	23
E24/S74	31B		Icl/Isi-c		Debitage	5
E24/S74	32A		Icl/Isi-c	30FF1D-1	Core, thermal	1
E24/S74	32A		Icl/Isi-c		Debitage	12
E24/S74	32B		Icl/Isi-c		Debitage	11
E24/S74	33A		Icl/Isi-c		Debitage	16
E24/S74	33B		Icl/Isi-c		Debitage	20
E24/S74	34A		Icl		Debitage	20
E24/S74	34B		Icl	30HH2C-1	Biface Stage 2	1
E24/S74	34B		Icl		Debitage	31
E24/S74	35A		Isi/Icl		Debitage	18
E24/S74	35B		Isi/Icl		Debitage	15
E24/S74	36A		Isi/Icl		Debitage	27
E24/S74	36B		Isi/Icl		Debitage	18
E24/S74	37A		Isi/Icl		Debitage	10
E24/S74	37B		Isi/Icl		Debitage	9
E24/S74	38A		Isi/Icl		Debitage	3
E24/S74	38A		Isi/Icl	30LL1C-1	Thin uniface	1
E24/S74	38B		Igl/Isi		Debitage	5
E24/S74	39A		Igl/Isi		Debitage	5
E24/S74	Unknown			30	Unifacial multiple tool	1
E24/S76	15		IIIa/b	29O-3	Biface Stage 2	1
E24/S76	15		IIIa/b	29O-4	Biface Stage 2	1
E24/S76	15		IIIa/b	29O-6	Burin spall	1
E24/S76	15		IIIa/b	29O-7	Burin spall	1
E24/S76	15		IIIa/b		Debitage	945
E24/S76	15		IIIa/b	29O-11	Microspur/microdenticulate	1
E24/S76	15		IIIa/b	29O-12	Microspur/microdenticulate	1
E24/S76	15		IIIa/b	29O-10	Perforator Group 1	1
E24/S76	15		IIIa/b	29O-8	Projectile point, expanding stem D	1
E24/S76	15		IIIa/b	29O-13	Projectile point, Jetta	1
E24/S76	15		IIIa/b	29O-9	Projectile point, square stem	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S76	15	Feature 124	IIIa/b	29O-16	Thin uniface fragment	1
E24/S76	15		IIIa/b	29O-14	Uniface, unanalyzed	1
E24/S76	15		IIIa/b	29O-15	Unifacial multiple tool	1
E24/S76	15		IIIa/b	29O-2	Unifacial multiple tool	1
E24/S76	16A		IIIa		Debitage	547
E24/S76	16A		IIIa	29P1-3	Perforator Group 7	1
E24/S76	16A		IIIa	29P1-4	Projectile point, Angostura	1
E24/S76	16A		IIIa	29P1-1	Projectile point, Hoxie	1
E24/S76	16A		IIIa	29P1-2	Projectile point, Hoxie	1
E24/S76	16B		IIIa	29P2-1	Bifacial tool	1
E24/S76	16B		IIIa		Debitage	456
E24/S76	16B		IIIa	29P2-4	Edge modified flake	1
E24/S76	16B		IIIa	29P2-5	Uniface, unanalyzed	1
E24/S76	17A		IIIa	29Q1-6	Biface Stage 2	1
E24/S76	17A		IIIa		Debitage	665
E24/S76	17A		IIIa	29Q1-4	Edge modified flake	1
E24/S76	17A		IIIa	29Q1-1	Small core hammerstone	1
E24/S76	17A		IIIa	29Q1-5	Thin uniface	1
E24/S76	17A		IIIa	29Q1-3	Uniface, unanalyzed	1
E24/S76	17A		IIIa	29Q1-2	Unifacial multiple tool	1
E24/S76	17B		IIIa	29Q2-4	Biface fragment	1
E24/S76	17B		IIIa	29Q2-1	Biface fragment	1
E24/S76	17B		IIIa	29Q2-2	Biface Stage 1	1
E24/S76	17B		IIIa		Debitage	461
E24/S76	17B		IIIa	29Q2-7	Microspur/microdenticulate	1
E24/S76	17B		IIIa	29Q2-3	Projectile point fragment	1
E24/S76	17B		IIIa	29Q2-5	Uniface, unanalyzed	1
E24/S76	17B		IIIa	29Q2-6	Uniface, unanalyzed	1
E24/S76	17B		IIIa	29Q2-8	Uniface, unanalyzed	1
E24/S76	17B		IIIa	29Q2-9	Uniface, unanalyzed	1
E24/S76	18A		IIIa	29R1-1	Core fragment	1
E24/S76	18A		IIIa		Debitage	701
E24/S76	18A		IIIa	29R1-2	Microspur/microdenticulate	1
E24/S76	18A		IIIa	29R1-6	Thin uniface	1
E24/S76	18A		IIIa	29R1-3	Uniface, unanalyzed	1
E24/S76	18A		IIIa	29R1-4	Uniface, unanalyzed	1
E24/S76	18A		IIIa	29R1-7	Mano	1
E24/S76	18B		IIIa	29R2-1	Biface fragment	1
E24/S76	18B		IIIa	29R2-2	Biface fragment	1
E24/S76	18B		IIIa	29R2-3	Burin	1
E24/S76	18B		IIIa		Debitage	718
E24/S76	18B		IIIa	29R2-15	Edge modified flake	1
E24/S76	18B		IIIa	29R2-8	Edge modified flake	1
E24/S76	18B		IIIa	29R2-6	Projectile point, St. Mary's Hall-atypic	1
E24/S76	18B		IIIa	29R2-4	Small core hammerstone	1
E24/S76	18B		IIIa	29R2-13	Thin uniface	1
E24/S76	18B		IIIa	29R2-7	Uniface, unanalyzed	1
E24/S76	18B		IIIa	29R2-14	Uniface, unanalyzed	1
E24/S76	18B		IIIa	29R2-9	Uniface, unanalyzed	1
E24/S76	19A		IIIa		Debitage	529
E24/S76	19A		IIIa	29S1-1	Denticulated flake	1
E24/S76	19A		IIIa	29S1-5	Projectile point, Hoxie B	1
E24/S76	19A		IIIa	29S1-4	Projectile point, miscellaneous lanceolate	1
E24/S76	19A		IIIa	29S1-10	Thick uniface	1
E24/S76	19A		IIIa	29S1-9	Uniface, unanalyzed	1
E24/S76	19A		IIIa	29S1-6	Uniface, unanalyzed	1
E24/S76	19B		II/IIIa	29S2-11	Biface fragment	1
E24/S76	19B		II/IIIa	29S2-1	Biface fragment	1
E24/S76	19B		II/IIIa	29S2A-4	Biface fragment	1
E24/S76	19B		II/IIIa	29S2-3	Biface Stage 2	1
E24/S76	19B		II/IIIa		Debitage	298
E24/S76	19B		II/IIIa	29S2-2	Edge modified flake	1
E24/S76	19B		II/IIIa	29S2B-7	Edge modified flake	1
E24/S76	19B		II/IIIa	29S2A-5	Projectile point fragment	1
E24/S76	19B		II/IIIa	29S2D-10	Projectile point, Clovis base	1
E24/S76	19B		II/IIIa	29S2C-9	Uniface, unanalyzed	1
E24/S76	19B		II/IIIa	29S2C-8	Uniface, unanalyzed	1
E24/S76	19B		II/IIIa	29S2A-6	Uniface, unanalyzed	1
E24/S76	20A		II/IIIa	29T1C-4	Biface Stage 2	1
E24/S76	20A		II/IIIa		Debitage	246
E24/S76	20A		II/IIIa	29T1C-1	Projectile point, Angostura	1
E24/S76	20A		II/IIIa	29T1D-7	Uniface, unanalyzed	1
E24/S76	20B		II/IIIa	29T2B-4	Biface fragment	1
E24/S76	20B		II/IIIa		Debitage	263

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S76	20B		II/IIIa	29T2C-9	Edge modified flake	1
E24/S76	20B		II/IIIa	29T2A-2	Projectile point fragment	1
E24/S76	20B		II/IIIa	29T2A-3	Thin uniface fragment	1
E24/S76	20B		II/IIIa	29T2A-1	Uniface, unanalyzed	1
E24/S76	20B		II/IIIa	29T2D-10	Unifacial multiple tool	1
E24/S76	21A		II	29U1B-3	Biface fragment	1
E24/S76	21A		II	29U1C-12	Brushy Creek biface	1
E24/S76	21A		II	29U1C-8	Core fragment	1
E24/S76	21A		II		Debitage	333
E24/S76	21A		II	29U1D-13	Edge modified flake	1
E24/S76	21A		II	29U1A-2	Notched flake	1
E24/S76	21A		II	29U1C-7	Projectile point, miscellaneous lanceolate	1
E24/S76	21A		II	29U1B-6	Thin uniface	1
E24/S76	21A		II	29U1C-11	Thin uniface	1
E24/S76	21A		II	29U1C-10	Uniface, unanalyzed	1
E24/S76	21B		II	29U2A-2	Biface Stage 2	1
E24/S76	21B		II		Debitage	247
E24/S76	22A		II	29V1D-6	Biface Stage 2	1
E24/S76	22A		II	29V1A-1	Burin spall	1
E24/S76	22A		II		Debitage	165
E24/S76	22A	Feature 155	II	29V1B-3	Core fragment	1
E24/S76	22A-B	Feature 155	II		Debitage	2
E24/S76	22B		II		Debitage	91
E24/S76	22B		II	29V2A-2	Notched flake	1
E24/S76	22B		II	29V2A-3	Thin uniface	1
E24/S76	22B		II	29V2B-5	Uniface, unanalyzed	1
E24/S76	22B	Feature 155	II	29V2A-4	Projectile point fragment	1
E24/S76	23A		II		Debitage	148
E24/S76	23A		II	29W1C-3	Notched flake	1
E24/S76	23A		II	29W1C-2	Uniface, unanalyzed	1
E24/S76	23A		II	29W1B-1	Uniface, unanalyzed	1
E24/S76	23B		II		Debitage	98
E24/S76	23B		II	29W2A-1	Edge modified flake	1
E24/S76	24A		II		Debitage	127
E24/S76	24A		II	29X1A-2	Projectile point fragment	1
E24/S76	24A		II	29X1-1	Projectile point, Wilson	1
E24/S76	24B		II	29X2A-2	Biface fragment	1
E24/S76	24B		II	29X2A-1	Burin spall	1
E24/S76	24B		II		Debitage	110
E24/S76	24B		II	29X2C-7	Projectile point, Golondrina-Barber	1
E24/S76	24B		II	29X2A-3	Uniface, unanalyzed	1
E24/S76	25A		II		Debitage	105
E24/S76	25A		II	29Y1A-1	Projectile point, San Patrice?	1
E24/S76	25B		Id/II		Debitage	80
E24/S76	25B		Id/II	29Y2A-1	Edge modified flake	1
E24/S76	26A		Id/II		Debitage	57
E24/S76	26A		Id/II	29Z1D-1	Uniface, unanalyzed	1
E24/S76	26B		Isi-c/Id/II		Debitage	36
E24/S76	26B		Isi-c/Id/II	29Z2C-1	Uniface, unanalyzed	1
E24/S76	27A		Isi-c/Id/II		Debitage	36
E24/S76	27A		Isi-c/Id/II	29AA1B-3	Uniface, unanalyzed	1
E24/S76	27B		Isi-c/Id		Debitage	51
E24/S76	27B		Isi-c/Id	29AA2C-3	Uniface, unanalyzed	1
E24/S76	28A		Isi-c		Debitage	49
E24/S76	28A		Isi-c	29BB1B-1	Worked hematite	1
E24/S76	28B		Isi-c		Debitage	64
E24/S76	28B		Isi-c	29BB2D-2	Thin uniface fragment	1
E24/S76	29A		Isi-c		Debitage	40
E24/S76	29A		Isi-c	29CC1C-2	Edge modified flake	1
E24/S76	29A		Isi-c	29CC1A-3	Worked hematite	1
E24/S76	29B		Isi-c		Debitage	40
E24/S76	29B		Isi-c	29CC2B-3	Uniface, unanalyzed	1
E24/S76	29B		Isi-c	29CC2A-2	Uniface, unanalyzed	1
E24/S76	30A		Isi-c	29DD1C-3	Biface Stage 1	1
E24/S76	30A		Isi-c	29DD1C-4	Core, thermal	1
E24/S76	30A		Isi-c		Debitage	31
E24/S76	30A		Isi-c	29DD1B-1	Thin uniface	1
E24/S76	30B		Isi-c		Debitage	39
E24/S76	31A		Isi-c		Debitage	20
E24/S76	31A		Isi-c	29EE1A-1	Spurred flake	1
E24/S76	31B		Isi-c		Debitage	42
E24/S76	32A		Icl/Isi-c	29FF1B-1	Core fragment	1
E24/S76	32A		Icl/Isi-c		Debitage	48
E24/S76	32B		Icl/Isi-c		Debitage	34

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S76	33A		Icl/Isi-c		Debitage	39
E24/S76	33A		Icl/Isi-c	29GG1C-2	Uniface, unanalyzed	1
E24/S76	33B		Isi/Icl/Isi-c		Debitage	38
E24/S76	34A		Isi/Icl		Debitage	44
E24/S76	34B		Isi/Icl		Debitage	28
E24/S76	34B		Isi/Icl	29HH2D-2	Notched flake	1
E24/S76	34B		Isi/Icl	29HH2A-1	Thin uniface	1
E24/S76	35A		Isi/Icl		Debitage	37
E24/S76	35B		Isi/Icl	29II2C-2	Biface fragment	1
E24/S76	35B		Isi/Icl	29II2B-1	Biface Stage 2	1
E24/S76	35B		Isi/Icl		Debitage	47
E24/S76	36A		Isi/Icl/D	29JJ1D-1	Biface Stage 3	1
E24/S76	36A		Isi/Icl		Debitage	18
E24/S76	36A		Isi/Icl/D		Debitage	58
E24/S76	36A		Isi/Icl/D	29JJ1C-4	Edge modified flake	1
E24/S76	36A		Isi/Icl/D	29JJ1C-3	Edge modified flake	1
E24/S76	36B		Isi/Icl		Debitage	16
E24/S76	36B		Isi/Icl/D		Debitage	18
E24/S76	37A		Isi/Icl		Debitage	5
E24/S76	37A		Isi/Icl/D		Debitage	39
E24/S76	37B		Isi/Icl		Debitage	34
E24/S76	38A		Isi/Icl		Debitage	28
E24/S76	38A		Isi/Icl	29LL1C-1	Face battered stone	1
E24/S76	38B		Igl/Isi		Debitage	39
E24/S76	39A		Isi		Debitage	53
E24/S76	39B		Igl/Isi		Debitage	27
E24/S76	40A		Igl/Isi		Debitage	2
E24/S78	11		IIIa/b	28K-1	Biface Stage 2	1
E24/S78	15		IIIa/b	28O-4	Biface Stage 2	1
E24/S78	15		IIIa/b	28O-5	Biface Stage 2	1
E24/S78	15		IIIa/b		Debitage	1060
E24/S78	15		IIIa/b	28O-9	Microspur/microdenticulate	1
E24/S78	15		IIIa/b	28O-8	Projectile point fragment	1
E24/S78	15		IIIa/b	28O-7	Projectile point, Gower	1
E24/S78	15		IIIa/b	28O-2	Projectile point, Gower	1
E24/S78	15		IIIa/b	28O-3	Projectile point, Gower	1
E24/S78	15		IIIa/b	28O-1	Projectile point, Wilson?	1
E24/S78	15		IIIa/b	28O-13	Uniface, unanalyzed	1
E24/S78	15		IIIa/b	28O-12	Uniface, unanalyzed	1
E24/S78	15		IIIa/b	28O-14	Unifacial multiple tool	1
E24/S78	16A		IIIa	28P1-3	Biface Stage 3	1
E24/S78	16A		IIIa	28P1-2	Core fragment	1
E24/S78	16A		IIIa		Debitage	808
E24/S78	16A		IIIa	28P1-5	Edge modified flake	1
E24/S78	16A		IIIa	28P1-1	Projectile point, rectangular stem A	1
E24/S78	16A		IIIa	28P1-6	Uniface, unanalyzed	1
E24/S78	16A		IIIa	28P1-7	Uniface, unanalyzed	1
E24/S78	16A		IIIa	28P1-8	Uniface, unanalyzed	1
E24/S78	16A		IIIa	28P1-4	Unifacial multiple tool	1
E24/S78	16B		IIIa	28P2-2	Biface fragment	1
E24/S78	16B		IIIa	28P2-6	Bifacial tool Form C	1
E24/S78	16B		IIIa	28P2-4	Burin spall	1
E24/S78	16B		IIIa	28P2-3	Clear Fork biface, proximal	1
E24/S78	16B		IIIa		Debitage	789
E24/S78	16B		IIIa	28P2-5	Micro-core, large	1
E24/S78	16B		IIIa	28P2-7	Microspur/microdenticulate	1
E24/S78	16B		IIIa	28P2-8	Perforator Unifacial	1
E24/S78	16B		IIIa	28P2-1	Projectile point fragment	1
E24/S78	17A		IIIa		Debitage	298
E24/S78	17A		IIIa	28Q1-1	Uniface, unanalyzed	1
E24/S78	17B		IIIa	28Q2-4	Biface fragment	1
E24/S78	17B		IIIa	28Q2-3	Burin spall	1
E24/S78	17B		IIIa	28Q2-2	Burin spall	1
E24/S78	17B		IIIa		Debitage	623
E24/S78	17B		IIIa	28Q2-8	Microspur/microdenticulate	1
E24/S78	17B		IIIa	28Q2-10	Perforator Unifacial	1
E24/S78	17B		IIIa	28Q2-13	Spurred flake	1
E24/S78	17B		IIIa	28Q2-11	Thin uniface fragment	1
E24/S78	17B		IIIa	28Q2-14	Uniface, unanalyzed	1
E24/S78	17B		IIIa	28Q2-15	Uniface, unanalyzed	1
E24/S78	17B		IIIa	28Q2-12	Uniface, unanalyzed	1
E24/S78	17B		IIIa	28Q2-6	Uniface, unanalyzed	1
E24/S78	17B		IIIa	28Q2-9	Uniface, unanalyzed	1
E24/S78	17B		IIIa	28Q2-7	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S78	17B		IIIa	28Q2-5	Unifacial multiple tool	1
E24/S78	18A		IIIa	28R1-1	Biface fragment	1
E24/S78	18A		IIIa	28R1-6	Biface Stage 1	1
E24/S78	18A		IIIa	28R1-7	Biface Stage 1	1
E24/S78	18A		IIIa	28R1-2	Bifacial tool Form F	1
E24/S78	18A		IIIa		Debitage	428
E24/S78	18A		IIIa	28R1-4	Perforator Group 7	1
E24/S78	18A		IIIa	28R1-5	Perforator Group 7	1
E24/S78	18A		IIIa	28R1-3	Projectile point, miscellaneous lanceolate	1
E24/S78	18A	Feature 131	IIIa		Debitage	22
E24/S78	18A	Feature 131	IIIa	28R1-10	Edge modified flake	1
E24/S78	18A	Feature 131	IIIa	28R1-9	Uniface, unanalyzed	1
E24/S78	18B		IIIa	28R2-3	Biface fragment	1
E24/S78	18B		IIIa	28R2-6	Biface fragment	1
E24/S78	18B		IIIa	28R2-7	Biface Stage 1	1
E24/S78	18B		IIIa	28R2-8	Biface Stage 2	1
E24/S78	18B		IIIa	28R2-1	Biface Stage 3	1
E24/S78	18B		IIIa	28R2-2	Bifacial tool Form A	1
E24/S78	18B		IIIa	28R2-5	Burin spall	1
E24/S78	18B		IIIa		Debitage	399
E24/S78	18B		IIIa	28R2-4	Microspur/microdenticulate	1
E24/S78	19A		II/IIIa	28S1-3	Burin spall	1
E24/S78	19A		II/IIIa	28S1-8	Core, multidirectional	1
E24/S78	19A		II/IIIa		Debitage	412
E24/S78	19A		II/IIIa	28S1-2	Notched flake	1
E24/S78	19A		II/IIIa	28S1-1	Projectile point, Hoxie B	1
E24/S78	19A		II/IIIa	28S1-7	Thin uniface	1
E24/S78	19A		II/IIIa	28S1-4	Uniface, unanalyzed	1
E24/S78	19A		II/IIIa	28S1-5	Uniface, unanalyzed	1
E24/S78	19A		II/IIIa	28S1-6	Unifacial multiple tool	1
E24/S78	19B		II/IIIa	28S2A-1	Biface Stage 1	1
E24/S78	19B		II/IIIa		Debitage	216
E24/S78	19B		II/IIIa	28S2C-4	Notched flake	1
E24/S78	19B		II/IIIa	28S2C-3	Thin uniface fragment	1
E24/S78	19B		II/IIIa	28S2D-6	Uniface, unanalyzed	1
E24/S78	19B		II/IIIa	28S2A-2	Uniface, unanalyzed	1
E24/S78	19B		II/IIIa	28S2D-7	Uniface, unanalyzed	1
E24/S78	19B		II/IIIa	28S2C-5	Uniface, unanalyzed	1
E24/S78	20A		II	28T1A-1	Core tool, type 2	1
E24/S78	20A		II		Debitage	189
E24/S78	20A		II	28T1C-5	Uniface, unanalyzed	1
E24/S78	20A		II	28T1C-4	Uniface, unanalyzed	1
E24/S78	20A		II	28T1A-2	Uniface, unanalyzed	1
E24/S78	20B		II		Debitage	203
E24/S78	20B		II	28T2B-4	Edge modified flake	1
E24/S78	20B		II	28T2D-7	Microspur/microdenticulate	1
E24/S78	20B		II	28T2B-1	Projectile point, Golondrina-Barber	1
E24/S78	20B		II	28T2B-2	Projectile point, miscellaneous lanceolate	1
E24/S78	20B		II	28T2B-6	Spurred flake	1
E24/S78	20B		II	28T2B-5	Uniface, unanalyzed	1
E24/S78	20B		II	28T2B-3	Uniface, unanalyzed	1
E24/S78	21A		II	28U1C-2	Bifacial tool Form C	1
E24/S78	21A		II		Debitage	163
E24/S78	21A		II	28U1D-3	Uniface, unanalyzed	1
E24/S78	21A		II	28U1D-4	Uniface, unanalyzed	1
E24/S78	21B		II	28U2-1	Core fragment	1
E24/S78	21B		II		Debitage	85
E24/S78	21B		II	28U2B-3	Thick uniface	1
E24/S78	21B		II	28U2A-2	Uniface, unanalyzed	1
E24/S78	22A		II	28V1B-2	Biface fragment	1
E24/S78	22A		II	28VID-3	Biface fragment	1
E24/S78	22A		II	28V1D-3	Biface fragment	1
E24/S78	22A		II		Debitage	112
E24/S78	22A		II	28V1A-1	Uniface, unanalyzed	1
E24/S78	22B		II	28V2A-1	Biface fragment	1
E24/S78	22B		II	28V2A-2	Clear Fork biface, proximal	1
E24/S78	22B		II		Debitage	96
E24/S78	22B		II	28V2C-4	Thin uniface	1
E24/S78	22B		II	28V2A-3	Thin uniface fragment	1
E24/S78	22B		II	28V2D-5	Uniface, unanalyzed	1
E24/S78	23A		II	28W1A-2	Biface fragment	1
E24/S78	23A		II		Debitage	102
E24/S78	23A		II	28W1B-4	Microspur/microdenticulate	1
E24/S78	23A		II	28W1B-3	Perforator Group 7	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E24/S78	23A	Feature 161	II	28W1-1	Projectile point, Wilson?-Atypic	1
E24/S78	23B		II		Debitage	222
E24/S78	23B		II	28W2C-1	Projectile point, St. Mary's Hall	1
E24/S78	23B		II	28W2B-6	Uniface, unanalyzed	1
E24/S78	23B		II	28W2A-4	Uniface, unanalyzed	1
E24/S78	23B		II	28W2A-3	Unifacial multiple tool	1
E24/S78	24A		Id/II	28X1A-1	Core tool, type 5	1
E24/S78	24A		Id/II		Debitage	282
E24/S78	24A		Id/II	28X1C-3	Edge modified flake	1
E24/S78	24A		Id/II	28X1C-4	Projectile point, parallel side (potlid)	1
E24/S78	24A		Id/II	28X1C-2	Uniface, unanalyzed	1
E24/S78	24A		Id/II		Debitage	37
E24/S78	24B		Id/II	28X2A-1	Burin spall	1
E24/S78	24B		Id/II		Debitage	149
E24/S78	24B		Id/II	28X2A-2	Projectile point fragment	1
E24/S78	25A		Id/II		Debitage	97
E24/S78	25A		Id/II	28Y1D-1	Uniface, unanalyzed	1
E24/S78	25B		Id/II		Debitage	79
E24/S78	25B		Id/II	28Y2C-1	Projectile point, Wilson	1
E24/S78	25B		Id/II	28Y2D-2	Projectile point, Wilson	1
E24/S78	26A		Isi-c/Id/II	28Z1A-1	Biface Stage 2	1
E24/S78	26A		Isi-c/Id/II		Debitage	42
E24/S78	26B		Isi-c/Id		Debitage	49
E24/S78	27A		Isi-c/Id		Debitage	39
E24/S78	27A		Isi-c/Id	28AA1D-1	Uniface, unanalyzed	1
E24/S78	27B		Isi-c/Id	28AA2D-1	Core, thermal	1
E24/S78	27B		Isi-c/Id		Debitage	31
E24/S78	28A		Isi-c/Id		Debitage	41
E24/S78	28A		Isi-c/Id	28BB1B-1	Thin uniface	1
E24/S78	28B		Isi-c		Debitage	31
E24/S78	28B		Isi-c	28BB2A-1	Large core hammerstone	1
E24/S78	28B		Isi-c	28BB2D-2	Thin uniface	1
E24/S78	29A		Isi-c		Debitage	43
E24/S78	29B		Isi-c	28CC2C-1	Biface fragment	1
E24/S78	29B		Isi-c		Debitage	31
E24/S78	30A		Isi/Isi-c		Debitage	28
E24/S78	30B		Isi/Isi-c	28DD2D-2	Biface Stage 2	1
E24/S78	30B		Isi/Isi-c	28DD2D-1	Core, thermal	1
E24/S78	30B		Isi/Isi-c		Debitage	37
E24/S78	31A		Isi/Isi-c		Debitage	31
E24/S78	31B		Isi/Isi-c		Debitage	47
E24/S78	31B		Isi/Isi-c	28EE2D-2	Edge modified flake	1
E24/S78	31B		Isi/Isi-c	28EE2B-1	Uniface, unanalyzed	1
E24/S78	32A		Isi/Icl/Isi-c	28FF1B-1	Core, thermal	1
E24/S78	32A		Isi/Icl/Isi-c		Debitage	37
E24/S78	32B		Isi/Icl/Isi-c		Debitage	35
E24/S78	32B		Isi/Icl/Isi-c	28FF2A-1	Thin uniface	1
E24/S78	32B	Feature 171	Isi/Icl/Isi-c	28FF2A-2	Biface Stage 2	1
E24/S78	33A		Isi/Icl/Isi-c		Debitage	35
E24/S78	33B		Isi/Icl	28GG2A-1	Biface Stage 1	1
E24/S78	33B		Isi/Icl	28GG2C-2	Biface Stage 2	1
E24/S78	33B		Isi/Icl		Debitage	45
E24/S78	33B		Isi/Icl	28GG2B-3	Uniface, unanalyzed	1
E24/S78	34A		Isi/Icl		Debitage	61
E24/S78	34A		Isi/Icl	28HH1B-1	Uniface, unanalyzed	1
E24/S78	34B		Isi/Icl		Debitage	43
E24/S78	34B		Isi/Icl	28HH2B-1	Edge modified flake	1
E24/S78	35A		Isi/Icl		Debitage	74
E24/S78	35A		Isi/Icl	28II1B-1	Thin uniface	1
E24/S78	35B		Isi/Icl		Debitage	38
E24/S78	36A		Isi		Debitage	2
E24/S78	36A		Isi/D		Debitage	24
E24/S78	36A		Isi/D	28JJ1B-1	Unifacial multiple tool	1
E24/S78	36B		Isi		Debitage	5
E24/S78	36B		Isi/D		Debitage	7
E24/S78	37A		Isi		Debitage	5
E24/S78	37A		Isi/D		Debitage	7
E24/S78	37A		Isi	28KK1B-2	Uniface, unanalyzed	1
E24/S78	37B		Isi		Debitage	10
E24/S78	38A		Isi		Debitage	3
E24/S78	38A		Isi	28LL1A-2	Edge modified flake	1
E24/S78	38A		Isi	28LL1A-1	Micro-core, large	1
E24/S78	38B		Isi		Debitage	1
E24/S78	39A		Isi		Debitage	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S72	Surface			35-1	Mano	1
E26/S72	11		III	35K	Projectile point, Nolan	1
E26/S72	16A		IIIa	35P1-1	Biface fragment	1
E26/S72	16A		IIIa		Debitage	247
E26/S72	16A		IIIa	35P1-2	Edge modified flake	1
E26/S72	17A		IIIa	35Q1-3	Biface fragment	1
E26/S72	17A		IIIa	35Q1-4	Biface fragment	1
E26/S72	17A		IIIa	35Q1-1	Biface Stage 2	1
E26/S72	17A		IIIa		Debitage	401
E26/S72	17A		IIIa	35Q1-8	Denticulated flake	1
E26/S72	17A		IIIa	35Q1-10	Edge modified flake	1
E26/S72	17A		IIIa	35Q1-9	Notched flake	1
E26/S72	17A		IIIa	35Q1-2	Perforator Group 2	1
E26/S72	17A		IIIa	35Q1-7	Thin uniface fragment	1
E26/S72	17A		IIIa	35Q1-5	Uniface, unanalyzed	1
E26/S72	17A		IIIa	35Q1-6	Uniface, unanalyzed	1
E26/S72	17B		IIIa	35Q2-3	Biface fragment	1
E26/S72	17B		IIIa	35Q2-1	Biface Stage 1	1
E26/S72	17B		IIIa	35Q2-4	Burin spall	1
E26/S72	17B		IIIa		Debitage	671
E26/S72	17B		IIIa	35Q2-2	Perforator Unifacial	1
E26/S72	17B		IIIa	35Q2-6	Thin uniface	1
E26/S72	17B		IIIa	35Q2-5	Uniface, unanalyzed	1
E26/S72	18A		IIIa	35R1-7	Bifacial tool Form A	1
E26/S72	18A		IIIa	35R1-2	Core fragment	1
E26/S72	18A		IIIa	35R1-3	Core fragment	1
E26/S72	18A		IIIa	35R1-5	Core, thermal	1
E26/S72	18A		IIIa		Debitage	606
E26/S72	18A		IIIa	35R1-9	Denticulated flake	1
E26/S72	18A		IIIa	35R1-1	Small core hammerstone	1
E26/S72	18A		IIIa	35R1-10	Uniface, unanalyzed	1
E26/S72	18A		IIIa	35R1-6	Uniface, unanalyzed	1
E26/S72	18A		IIIa	35R1-8	Uniface, unanalyzed	1
E26/S72	18A	Feature 133	IIIa	35R1-13	Unifacial multiple tool	1
E26/S72	18B		IIIa	35R2-1	Biface fragment	1
E26/S72	18B		IIIa	35R2-3	Biface fragment, unanalyzed	1
E26/S72	18B		IIIa	35R2-4	Biface Stage 2	1
E26/S72	18B		IIIa	35R2-10	Burin spall	1
E26/S72	18B		IIIa	35R2-30	Core tool, type 2	1
E26/S72	18B		IIIa		Debitage	442
E26/S72	18B		IIIa	35R2-28	Perforator Group 7	1
E26/S72	18B		IIIa	35R2-5	Thin uniface	1
E26/S72	18B		IIIa	35R2-13	Thin uniface	1
E26/S72	18B		IIIa	35R2-29	Thin uniface fragment	1
E26/S72	18B		IIIa	35R2-22	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-15	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-12	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-14	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-19	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-25	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-23	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-24	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-26	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-9	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-21	Uniface, unanalyzed	1
E26/S72	18B		IIIa	35R2-20	Uniface, unanalyzed	1
E26/S72	19A		IIIa	35S1-1	Bifacial tool Form B	1
E26/S72	19A		IIIa		Debitage	221
E26/S72	19B		II/IIIa	35S2-1	Biface Stage 1	1
E26/S72	19B		II/IIIa	35S2-2	Biface Stage 2	1
E26/S72	19B		II/IIIa		Debitage	186
E26/S72	19B		II/IIIa	35S2B-3	Projectile point, bifurcate stem fragment	1
E26/S72	20A		II/IIIa	35T1B-3	Core tool, type 2	1
E26/S72	20A		II/IIIa		Debitage	199
E26/S72	20A		II/IIIa	35T1A-2	Edge modified flake	1
E26/S72	20A		II/IIIa	35T1D-5	Notched flake	1
E26/S72	20A		II/IIIa	35T1A-1	Projectile point, miscellaneous lanceolate	1
E26/S72	20A		II/IIIa	35T1C-4	Thin uniface	1
E26/S72	20B		II/IIIa	35T2B-2	Burin spall	1
E26/S72	20B		II/IIIa		Debitage	198
E26/S72	20B		II/IIIa	35T2A-1	Uniface, unanalyzed	1
E26/S72	20B		II/IIIa	35T2B-3	Uniface, unanalyzed	1
E26/S72	20B		II/IIIa	35T2B-4	Uniface, unanalyzed	1
E26/S72	21A		II	35U1D-3	Biface fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S72	21A		II	35U1C-2	Brushy Creek biface	1
E26/S72	21A		II		Debitage	220
E26/S72	21A		II	35U1C-4	Thin uniface fragment	1
E26/S72	21A	Feature 146	II		Debitage	11
E26/S72	21B		II		Debitage	135
E26/S72	21B		II	35U2B-5	Edge modified flake	1
E26/S72	21B		II	35U2B-4	Edge modified flake	1
E26/S72	21B		II	35U2C-6	Notched flake	1
E26/S72	21B		II	35U2D-7	Uniface, unanalyzed	1
E26/S72	21B		II	35U2A-3	Uniface, unanalyzed	1
E26/S72	21B		II	35U2A-2	Uniface, unanalyzed	1
E26/S72	21B		II	35U2A-1	Uniface, unanalyzed	1
E26/S72	22A		II		Debitage	53
E26/S72	22A	Feature 157	II		Debitage	56
E26/S72	22A-B	Feature 157	II	35V1&2-1	Core, multidirectional	1
E26/S72	22A-B	Feature 157	II		Debitage	10
E26/S72	22A-B	Feature 157	II	35V1&2-3	Uniface, unanalyzed	1
E26/S72	22B	Feature 157	II		Debitage	76
E26/S72	23A		II		Debitage	77
E26/S72	23A		II	35W1A-1	Uniface, unanalyzed	1
E26/S72	23B		II	35W2A-1	Burin spall	1
E26/S72	23B		II		Debitage	62
E26/S72	23B		II	35W2B-2	Uniface, unanalyzed	1
E26/S72	24A		II	35X1A-1	Core tool, type 5	1
E26/S72	24A		II		Debitage	63
E26/S72	24B		II	35X2A-2	Biface fragment	1
E26/S72	24B		II		Debitage	56
E26/S72	24B		II	35X2A-1	Edge modified flake	1
E26/S72	25A		II		Debitage	64
E26/S72	25B		II		Debitage	62
E26/S72	26A		II		Debitage	43
E26/S72	26B		II		Debitage	16
E26/S72	26B		II	35Z2D-1	Uniface, unanalyzed	1
E26/S72	26B	Feature 165	II		Debitage	10
E26/S72	27A		II	35AA1D-1	Burin spall	1
E26/S72	27A		II		Debitage	9
E26/S72	27A	Feature 165	II		Debitage	9
E26/S72	27B		II		Debitage	18
E26/S72	27B	Feature 165	II		Debitage	9
E26/S72	27B	Feature 165	II	35AA2A-1	Edge modified flake	1
E26/S72	28A		II		Debitage	26
E26/S72	28A	Feature 165	II		Debitage	10
E26/S72	28B		Isi-c/II		Debitage	14
E26/S72	29A		Isi-c/II	35CC1A-1	Biface Stage 2	1
E26/S72	29A		Isi-c/II		Debitage	5
E26/S72	29A		Isi-c/II	35CC1C-3	Edge modified flake	1
E26/S72	29A		Isi-c/II	35CC1B-2	Uniface, unanalyzed	1
E26/S72	29B		Isi-c	35CC2D-1	Biface Stage 2	1
E26/S72	29B		Isi-c		Debitage	15
E26/S72	30A		Isi-c		Debitage	6
E26/S72	30A		Isi-c	35DD1B-1	Thin uniface	1
E26/S72	30B		Isi-c		Debitage	8
E26/S72	31A		Isi-c		Debitage	7
E26/S72	31A		Isi-c	35EE1A-1	Projectile point, Wilson	1
E26/S72	31B		Isi-c		Debitage	11
E26/S72	32A		Isi-c		Debitage	5
E26/S72	33A		lcl/Isi-c		Debitage	5
E26/S72	33B		lcl/Isi-c		Debitage	3
E26/S72	34A		lcl/Isi-c		Debitage	9
E26/S72	34B		lcl/Isi-c		Debitage	2
E26/S72	35A		lcl		Debitage	4
E26/S72	35A		lcl	35II1D-1	Thin uniface fragment	1
E26/S72	35B		lcl		Debitage	6
E26/S72	35B		lcl	35II2A-1	Uniface, unanalyzed	1
E26/S72	36A		lcl		Debitage	7
E26/S72	36B		lcl		Debitage	8
E26/S72	36B		lcl	35JJ2B-1	Worked hematite	1
E26/S72	37A		lcl		Debitage	4
E26/S72	37B		Isi/lcl		Debitage	7
E26/S72	37B		Isi/lcl	35KK2A-2	Face battered stone	1
E26/S72	37B		Isi/lcl	35KK2C-3	Thick uniface	1
E26/S72	37B		Isi/lcl	35KK2A-1	Uniface, unanalyzed	1
E26/S72	38A		Isi/lcl		Debitage	7
E26/S72	38B-39A		Isi/lcl		Debitage	19

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S72	39B		Isi/Icl		Debitage	10
E26/S72	40A-B		Isi/Icl	35NN1&2B-3	Biface Stage 2	1
E26/S72	40A-B		Isi/Icl	35NN1&2D-4	Core tool, type 4	1
E26/S72	40A-B		Isi/Icl		Debitage	32
E26/S72	40A-B		Isi/Icl	35NN1&2A-1	Thin uniface fragment	1
E26/S72	41A		Igl/Isi		Debitage	13
E26/S72	41A		Igl/Isi	35001B-2	Thin uniface	1
E26/S72	41A		Igl/Isi	35001B-1	Uniface, unanalyzed	1
E26/S72	41A		Igl/Isi	35001D-3	Worked hematite	1
E26/S72	41B		Igl/Isi		Debitage	7
E26/S72	42A		Igl/Isi		Debitage	5
E26/S74	15		IIIa/b	34O-8	Biface fragment	1
E26/S74	15		IIIa/b	34O-21	Biface fragment	1
E26/S74	15		IIIa/b	34O-4	Biface fragment	1
E26/S74	15		IIIa/b	34O-3	Biface Stage 2	1
E26/S74	15		IIIa/b	34O-1	Biface Stage 2	1
E26/S74	15		IIIa/b	34O-2	Biface Stage 2	1
E26/S74	15		IIIa/b	34O-5	Burin spall	1
E26/S74	15		IIIa/b	34O-7	Burin spall	1
E26/S74	15		IIIa/b		Debitage	1209
E26/S74	15		IIIa/b	34O-18	Edge modified flake	1
E26/S74	15		IIIa/b	34O-9	Projectile point, San Patrice?	1
E26/S74	15		IIIa/b	34O-16	Thin uniface fragment	1
E26/S74	15		IIIa/b	34O-10	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-19	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-22	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-15	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-12	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-20	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-11	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-14	Uniface, unanalyzed	1
E26/S74	15		IIIa/b	34O-23	Unifacial multiple tool	1
E26/S74	16A		IIIa	34P1-1	Biface Stage 2	1
E26/S74	16A		IIIa	34P1-7	Burin spall	1
E26/S74	16A		IIIa		Debitage	342
E26/S74	16A		IIIa	34P1-3	Microspur/microdenticulate	1
E26/S74	16A		IIIa	34P1-5	Notched flake	1
E26/S74	16A		IIIa	34P1-2	Thin uniface	1
E26/S74	16A		IIIa	34P1-6	Uniface, unanalyzed	1
E26/S74	16A		IIIa	34P1-9	Uniface, unanalyzed	1
E26/S74	16A		IIIa	34P1-4	Uniface, unanalyzed	1
E26/S74	16B		IIIa		Debitage	436
E26/S74	16B		IIIa	34P2-14	Edge modified flake	1
E26/S74	16B		IIIa	34P2-15	Microspur/microdenticulate	1
E26/S74	16B		IIIa	34P2-18	Notched flake	1
E26/S74	16B		IIIa	34P2-23	Spurred flake	1
E26/S74	16B		IIIa	34P2-17	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-12	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-13	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-11	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-1	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-20	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-21	Uniface, unanalyzed	1
E26/S74	16B		IIIa	34P2-3	Uniface, unanalyzed	1
E26/S74	17A		IIIa	34Q1-1	Biface Stage 2	1
E26/S74	17A		IIIa		Debitage	561
E26/S74	17A		IIIa	34Q1-2	Projectile point fragment	1
E26/S74	17A		IIIa	34Q1-4	Projectile point fragment	1
E26/S74	17A		IIIa	34Q1-3	Projectile point, miscellaneous lanceolate	1
E26/S74	17B		IIIa	34Q2-1	Biface Stage 2	1
E26/S74	17B		IIIa	34Q2-6	Clear Fork biface	1
E26/S74	17B		IIIa	34Q2-4	Core, thermal	1
E26/S74	17B		IIIa		Debitage	574
E26/S74	17B		IIIa	34Q2-9	Denticulated flake	1
E26/S74	17B		IIIa	34Q2-5	Small core hammerstone	1
E26/S74	17B		IIIa	34Q2-8	Thin uniface	1
E26/S74	17B		IIIa	34Q2-3	Uniface, unanalyzed	1
E26/S74	18A		IIIa	34R1-8	Biface Stage 2	1
E26/S74	18A		IIIa	34R1-9	Bifacial tool Form H	1
E26/S74	18A		IIIa		Debitage	495
E26/S74	18A		IIIa	34R1-1	Thin uniface	1
E26/S74	18A		IIIa	34R1-4	Uniface, unanalyzed	1
E26/S74	18A		IIIa	34R1-5	Uniface, unanalyzed	1
E26/S74	18A		IIIa	34R1-3	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S74	18A		IIIa	34R1-7	Uniface, unanalyzed	1
E26/S74	18A		IIIa	34R1-2	Unifacial multiple tool	1
E26/S74	18B		IIIa	34R2-1	Biface Stage 2	1
E26/S74	18B		IIIa	34R2-3	Biface Stage 2	1
E26/S74	18B		IIIa	34R2-6	Biface Stage 2	1
E26/S74	18B		IIIa	34R2-7	Biface Stage 2	1
E26/S74	18B		IIIa		Debitage	662
E26/S74	18B		IIIa	34R2-8	Perforator Group 2	1
E26/S74	18B		IIIa	34R2-2	Thin uniface	1
E26/S74	18B		IIIa	34R2-5	Thin uniface fragment	1
E26/S74	18B		IIIa	34R2-4	Uniface, unanalyzed	1
E26/S74	19A		IIIa		Debitage	439
E26/S74	19A		IIIa	34S1-1	Microspur/microdenticulate	1
E26/S74	19B		IIIa		Debitage	364
E26/S74	19B		IIIa	34S2C-2	Microspur/microdenticulate	1
E26/S74	19B		IIIa	34S2D-7	Thin uniface	1
E26/S74	19B		IIIa	34S2B-1	Uniface, unanalyzed	1
E26/S74	19B		IIIa	34S2C-3	Uniface, unanalyzed	1
E26/S74	19B		IIIa	34S2C-5	Uniface, unanalyzed	1
E26/S74	20A		II/IIIa	34TIC-4	Burin spall	1
E26/S74	20A		II/IIIa		Debitage	265
E26/S74	20A		II/IIIa	34T1D-9	Uniface, unanalyzed	1
E26/S74	20A		II/IIIa	34T1D-7	Uniface, unanalyzed	1
E26/S74	20A		II/IIIa	34T1D-6	Uniface, unanalyzed	1
E26/S74	20A		II/IIIa	34T1D-5	Uniface, unanalyzed	1
E26/S74	20A		II/IIIa	34T1C-3	Uniface, unanalyzed	1
E26/S74	20A	Feature 146	II/IIIa		Debitage	69
E26/S74	20A	Feature 146	II/IIIa	34T1A-2	Uniface, unanalyzed	1
E26/S74	20A	Feature 146	II/IIIa	34T1A-1	Uniface, unanalyzed	1
E26/S74	20B		II/IIIa		Debitage	164
E26/S74	20B		II/IIIa	34T2C-1	Uniface, unanalyzed	1
E26/S74	20B	Feature 146	II/IIIa		Debitage	10
E26/S74	20B	Feature 150	II/IIIa		Debitage	43
E26/S74	21A		II/IIIa		Debitage	181
E26/S74	21A		II/IIIa	34U1B-1	Projectile point, St. Mary's Hall	1
E26/S74	21A		II/IIIa	34U1D-2	Uniface, unanalyzed	1
E26/S74	21A		II/IIIa	34U1D-3	Unifacial multiple tool	1
E26/S74	21B		II	34U2D-5	Biface Stage 1	1
E26/S74	21B		II	34U2D-6	Biface Stage 2	1
E26/S74	21B		II	34U2A-1	Burin spall	1
E26/S74	21B		II		Debitage	169
E26/S74	21B		II	34U2C-3	Thin uniface	1
E26/S74	22A		II	34V1C-4	Biface fragment	1
E26/S74	22A		II	34V1D-6	Biface Stage 2	1
E26/S74	22A		II	34V1B-3	Burin spall	1
E26/S74	22A		II		Debitage	126
E26/S74	22A		II	34V1B-1	Grooved stone	1
E26/S74	22A		II	34V1D-7	Notched flake	1
E26/S74	22A		II	34V1B-2	Uniface, unanalyzed	1
E26/S74	22A		II	34V1C-5	Uniface, unanalyzed	1
E26/S74	22A	Feature 146	II		Debitage	54
E26/S74	22B		II		Debitage	102
E26/S74	23A		II	34W1B-3	Battered cobble	1
E26/S74	23A		II	34W1C-5	Burin	1
E26/S74	23A		II		Debitage	137
E26/S74	23A		II	34W1D-6	Edge modified flake	1
E26/S74	23A		II	34W1A-1	Thin uniface	1
E26/S74	23A		II	34W1B-2	Uniface, unanalyzed	1
E26/S74	23A		II	34W1C-4	Uniface, unanalyzed	1
E26/S74	23B		II		Debitage	67
E26/S74	23B		II	34W2A-1	Uniface, unanalyzed	1
E26/S74	24A		II	34X1D-5	Biface Stage 2	1
E26/S74	24A		II	34X1D-6	Biface Stage 2	1
E26/S74	24A		II		Debitage	70
E26/S74	24A		II	34X1B-2	Uniface, unanalyzed	1
E26/S74	24A		II	34X1A-1	Uniface, unanalyzed	1
E26/S74	24A		II	34X1B-3	Uniface, unanalyzed	1
E26/S74	24A		II	34X1D-7	Uniface, unanalyzed	1
E26/S74	24B		II	34X2D-3	Biface fragment, unanalyzed	1
E26/S74	24B		II	34X2A-1	Brushy Creek biface	1
E26/S74	24B		II		Debitage	66
E26/S74	24B		II	34X2B-2	Unifacial multiple tool	1
E26/S74	25A		II	34Y1D-6	Biface Stage 3	1
E26/S74	25A		II		Debitage	67

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S74	25A		II	34Y1D-7	Microspur/microdenticulate	1
E26/S74	25A		II	34Y1D-1	Projectile point, Wilson	1
E26/S74	25A		II	34Y1A-2	Uniface, unanalyzed	1
E26/S74	25A		II	34Y1D-8	Uniface, unanalyzed	1
E26/S74	25B		II	34Y2C-3	Biface Stage 1	1
E26/S74	25B		II		Debitage	82
E26/S74	25B		II	34Y2D-4	Thin uniface	1
E26/S74	25B		II	34Y2B-1	Uniface, unanalyzed	1
E26/S74	26A		II		Debitage	39
E26/S74	26A		II	34Z1AB-1	Thick uniface fragment	1
E26/S74	26A		II	34Z1AB-2	Uniface, unanalyzed	1
E26/S74	26B		II		Debitage	40
E26/S74	26B		II	34Z2B-1	Uniface, unanalyzed	1
E26/S74	27A		II		Debitage	17
E26/S74	27A		II	34AA1D-2	Uniface, unanalyzed	1
E26/S74	27A		II	34AA1D-1	Uniface, unanalyzed	1
E26/S74	27B		Isi-c/II	34AA2C-2	Biface fragment	1
E26/S74	27B		Isi-c/II		Debitage	46
E26/S74	27B		Isi-c/II	34AA2B-1	Edge modified flake	1
E26/S74	27B		Isi-c/II	34AA2C-3	Uniface, unanalyzed	1
E26/S74	28A		Isi-c/II		Debitage	32
E26/S74	28B		Isi-c/II		Debitage	11
E26/S74	28B		Isi-c/II	34BB2B-1	Edge modified flake	1
E26/S74	28B		Isi-c/II	34BB2D-3	Edge modified flake	1
E26/S74	28B		Isi-c/II	34BB2B-2	Uniface, unanalyzed	1
E26/S74	29A		Isi-c		Debitage	17
E26/S74	29A		Isi-c	34CC1D-1	Thin uniface fragment	1
E26/S74	29B		Isi-c		Debitage	29
E26/S74	29B		Isi-c	34CC2D-2	Mano	1
E26/S74	29B		Isi-c	34CC2C-1	Uniface, unanalyzed	1
E26/S74	30A		Isi-c		Debitage	5
E26/S74	30A		Isi-c	34DD1C-1	Micro-core, small	1
E26/S74	30B		Isi-c		Debitage	12
E26/S74	30B		Isi-c	34DD2C-2	Notched flake	1
E26/S74	30B		Isi-c	34DD2B-1	Uniface, unanalyzed	1
E26/S74	31A		Isi-c		Debitage	18
E26/S74	31A		Isi-c	34EE1B-1	Projectile point, Wilson	1
E26/S74	31A		Isi-c	34EE1C-2	Thin uniface	1
E26/S74	31B		Isi-c		Debitage	11
E26/S74	32A		Isi-c		Debitage	7
E26/S74	32A		Isi-c	34FF1D-1	Uniface, unanalyzed	1
E26/S74	32B		Isi-c		Debitage	7
E26/S74	33A		Icl/Isi-c		Debitage	10
E26/S74	33B		Icl/Isi-c		Debitage	3
E26/S74	34A		Icl/Isi-c		Debitage	6
E26/S74	34B		Icl		Debitage	7
E26/S74	34B		Icl	34HH2D-3	Edge modified flake	1
E26/S74	34B		Icl	34HH2D-2	Uniface, unanalyzed	1
E26/S74	35A		Icl		Debitage	15
E26/S74	35A		Icl	34II1B-1	Uniface, unanalyzed	1
E26/S74	35B		Icl	34II2C-1	Biface Stage 2	1
E26/S74	35B		Icl		Debitage	11
E26/S74	36A		Icl		Debitage	23
E26/S74	36B		Icl		Debitage	12
E26/S74	37A		Icl		Debitage	14
E26/S74	37B		Icl		Debitage	5
E26/S74	37B		Icl	34KK2D-2	Edge modified flake	1
E26/S74	37B		Icl	34KK2C-1	Thin uniface	1
E26/S74	38A		Isi/Icl		Debitage	8
E26/S74	38B-39A		Isi/Icl		Debitage	27
E26/S74	38B-39A		Isi/Icl	34LL2MM1D-1	Edge modified flake	1
E26/S74	40A		Isi/Icl		Debitage	8
E26/S74	40A		Isi/Icl	34NN1B-2	Face battered stone	1
E26/S74	40A		Isi/Icl	34NN1D-1	Mano/hammerstone	1
E26/S74	40A-B		Isi/Icl	34NN1&2A	Core tool, type 2	1
E26/S74	40B		Isi		Debitage	5
E26/S74	41B		Igl/Isi		Debitage	5
E26/S76	15		IIIa/b	33O-1	Biface fragment	1
E26/S76	15		IIIa/b	33O-4	Biface Stage 2	1
E26/S76	15		IIIa/b		Debitage	1232
E26/S76	15		IIIa/b	33O-3	Perforator Group 4	1
E26/S76	15		IIIa/b	33O-6	Thin uniface fragment	1
E26/S76	15		IIIa/b	33O-7	Uniface, unanalyzed	1
E26/S76	15		IIIa/b	33O-8	Unifacial multiple tool	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S76	15		IIIa/b	33O-10	Unifacial multiple tool	1
E26/S76	16A		IIIa	33P1-5	Biface fragment	1
E26/S76	16A		IIIa	33P1-2	Biface fragment	1
E26/S76	16A		IIIa	33P1-6	Biface Stage 1	1
E26/S76	16A		IIIa	33P1-1	Burin spall	1
E26/S76	16A		IIIa		Debitage	463
E26/S76	16A		IIIa	33P1-3	Microspur/microdenticulate	1
E26/S76	16A		IIIa	33P1-4	Microspur/microdenticulate	1
E26/S76	16B		IIIa	33P2-1	Biface fragment	1
E26/S76	16B		IIIa	33P2-2	Biface Stage 2	1
E26/S76	16B		IIIa		Debitage	315
E26/S76	16B		IIIa	33P2-3	Microspur/microdenticulate	1
E26/S76	16B		IIIa	33P2-4	Uniface, unanalyzed	1
E26/S76	16B		IIIa	33P2-5	Uniface, unanalyzed	1
E26/S76	16B		IIIa	33P2-6	Uniface, unanalyzed	1
E26/S76	16B	Feature 124	IIIa	33P2-7	Biface Stage 2	1
E26/S76	16B	Feature 124	IIIa	33&32P2-8	Burin spall	1
E26/S76	16B	Feature 124	IIIa		Debitage	182
E26/S76	17A		IIIa	33Q1-2	Biface Stage 2	1
E26/S76	17A		IIIa	33Q1-1	Biface Stage 2	1
E26/S76	17A		IIIa		Debitage	627
E26/S76	17A		IIIa	33Q1-5	Projectile point, bifurcate stem fragment	1
E26/S76	17A		IIIa	33Q1-3	Uniface, unanalyzed	1
E26/S76	17B		IIIa	33Q2-2	Biface fragment	1
E26/S76	17B		IIIa	33Q2-1	Biface Stage 2	1
E26/S76	17B		IIIa	33Q2-3	Biface Stage 2	1
E26/S76	17B		IIIa	33Q2-5	Clear Fork biface	1
E26/S76	17B		IIIa	33Q2-4	Core, thermal	1
E26/S76	17B		IIIa		Debitage	606
E26/S76	17B		IIIa	33Q2-13	Edge modified flake	1
E26/S76	17B		IIIa	33Q2-15	Thin uniface	1
E26/S76	17B		IIIa	33Q2-17	Thin uniface fragment	1
E26/S76	17B		IIIa	33Q2-7	Uniface, unanalyzed	1
E26/S76	17B		IIIa	33Q2-9	Uniface, unanalyzed	1
E26/S76	17B		IIIa	33Q2-11	Uniface, unanalyzed	1
E26/S76	17B		IIIa	33Q2-10	Uniface, unanalyzed	1
E26/S76	17B		IIIa	33Q2-6	Uniface, unanalyzed	1
E26/S76	17B		IIIa	33Q2-16	Unifacial multiple tool	1
E26/S76	17B		IIIa	33Q2-14	Unifacial multiple tool	1
E26/S76	17B	Feature 124	IIIa	33Q2-18	Biface fragment	1
E26/S76	17B	Feature 124	IIIa	33&32Q2-22	Biface Stage 2	1
E26/S76	17B	Feature 124	IIIa	33&32Q2-23	Biface Stage 2	1
E26/S76	17B	Feature 124	IIIa	33Q2-19	Core, thermal	1
E26/S76	17B	Feature 124	IIIa	33Q2-20	Thin uniface	1
E26/S76	18A		IIIa	33R1-1	Biface Stage 1	1
E26/S76	18A		IIIa		Debitage	739
E26/S76	18A		IIIa	33R1-6	Edge modified flake	1
E26/S76	18A		IIIa	33R1-2	Perforator Group 7	1
E26/S76	18A		IIIa	33R1-8	Projectile point, miscellaneous lanceolate	1
E26/S76	18A		IIIa	33R1-7	Retouched blade	1
E26/S76	18A		IIIa	33R1-3	Small core hammerstone	1
E26/S76	18A		IIIa	33R1-5	Uniface, unanalyzed	1
E26/S76	18B		IIIa	33R2-1	Biface fragment	1
E26/S76	18B		IIIa	33R2-7	Biface Stage 1	1
E26/S76	18B		IIIa	33R2-9	Clear Fork biface	1
E26/S76	18B		IIIa		Debitage	710
E26/S76	18B		IIIa	33R2-5	Edge modified flake	1
E26/S76	18B		IIIa	33R2-10	Edge modified flake	1
E26/S76	18B		IIIa	33R2-2	Perforator Group 7	1
E26/S76	18B		IIIa	33R2-12	Projectile point, bifurcate stem fragment	1
E26/S76	18B		IIIa	33R2-6	Uniface, unanalyzed	1
E26/S76	18B		IIIa	33R2-11	Uniface, unanalyzed	1
E26/S76	18B	Feature 141	IIIa	33R2-8	Clear Fork biface, proximal	1
E26/S76	19A		II/IIIa		Debitage	307
E26/S76	19A		II/IIIa	33S1-3	Denticulated flake	1
E26/S76	19A		II/IIIa	33S1-6	Thick uniface	1
E26/S76	19A		II/IIIa	33S1-1	Thin uniface fragment	1
E26/S76	19A		II/IIIa	33S1-2	Uniface, unanalyzed	1
E26/S76	19A		II/IIIa	33S1-5	Uniface, unanalyzed	1
E26/S76	19A		II/IIIa	33S1-7	Unifacial multiple tool	1
E26/S76	19B		II/IIIa	33S2-1	Biface fragment	1
E26/S76	19B		II/IIIa	33S2A-3	Burin spall	1
E26/S76	19B		II/IIIa	33S2B-4	Burin spall	1
E26/S76	19B		II/IIIa		Debitage	308

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S76	19B	Feature 145	II/IIIa	33S2-2	Perforator Group 2	1
E26/S76	19B		II/IIIa	33S2C-8B	Thin uniface	1
E26/S76	19B		II/IIIa	33S2B-6	Uniface, unanalyzed	1
E26/S76	19B		II/IIIa	33S2D-9	Uniface, unanalyzed	1
E26/S76	19B		II/IIIa	33S2C-8A	Unifacial multiple tool	1
E26/S76	20A		II/IIIa	33T1B-8	Battered cobble	1
E26/S76	20A		II/IIIa	33T1B-5	Burin spall	1
E26/S76	20A		II/IIIa		Debitage	504
E26/S76	20A		II/IIIa	33T1C-12	Notched flake	1
E26/S76	20A		II/IIIa	33T1B-4	Notched flake	1
E26/S76	20A		II/IIIa	33T1D-13	Projectile point fragment	1
E26/S76	20A		II/IIIa	33T1B-9	Small core hammerstone	1
E26/S76	20A		II/IIIa	33T1A-2	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa	33T1C-11	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa	33T1C-10	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa	33T1B-3	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa	33T1A-1	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa	33T1D-14	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa	33T1B-6	Uniface, unanalyzed	1
E26/S76	20A		II/IIIa		Debitage	10
E26/S76	20B		II/IIIa		Debitage	242
E26/S76	20B		II/IIIa	33T2A-2	Uniface, unanalyzed	1
E26/S76	20B		II/IIIa	33T2C-3	Uniface, unanalyzed	1
E26/S76	20B		II/IIIa	33T2C-4	Uniface, unanalyzed	1
E26/S76	20B		II/IIIa	33T2D-5	Uniface, unanalyzed	1
E26/S76	20B		II/IIIa	33T2A-1	Uniface, unanalyzed	1
E26/S76	21A		II/IIIa		Debitage	274
E26/S76	21A		II/IIIa	33U1C-2	Notched flake	1
E26/S76	21A		II/IIIa	33U1D-4	Uniface, unanalyzed	1
E26/S76	21A		II/IIIa	33U1A-1	Uniface, unanalyzed	1
E26/S76	21A		II/IIIa	33U1C-3	Uniface, unanalyzed	1
E26/S76	21A		II/IIIa	33U1D-6	Unifacial multiple tool	1
E26/S76	21B		II		Debitage	196
E26/S76	21B		II	33U2D-3	Thick uniface	1
E26/S76	21B		II	33U2D-1	Uniface, unanalyzed	1
E26/S76	21B		II	33U2D-2	Uniface, unanalyzed	1
E26/S76	22A		II	33V1D-2	Biface Stage 2	1
E26/S76	22A		II	33V1D-3	Biface Stage 3	1
E26/S76	22A		II		Debitage	176
E26/S76	22A		II	33V1A-1	Uniface, unanalyzed	1
E26/S76	22B		II	33V2D-2	Biface Stage 2	1
E26/S76	22B		II		Debitage	131
E26/S76	22B		II	33V2B-1	Uniface, unanalyzed	1
E26/S76	23A		II	33W1C-2	Biface Stage 2	1
E26/S76	23A		II		Debitage	170
E26/S76	23A		II	33W1B-1	Uniface, unanalyzed	1
E26/S76	23B		II		Debitage	64
E26/S76	23B		II	33W2B-1	Uniface, unanalyzed	1
E26/S76	24A		II		Debitage	87
E26/S76	24A		II	33X1A-4	Projectile point, miscellaneous lanceolate	1
E26/S76	24B		II	33X2B-4	Core fragment	1
E26/S76	24B		II		Debitage	120
E26/S76	24B		II	33X2C-1	Projectile point, Golondrina-Barber	1
E26/S76	24B		II	33X2C-2	Uniface, unanalyzed	1
E26/S76	24B		II	33X2D-3	Uniface, unanalyzed	1
E26/S76	25A		II	33Y1B-1	Biface Stage 1	1
E26/S76	25A		II		Debitage	134
E26/S76	25A		II	33Y1D-2	Possible ground stone	1
E26/S76	25B		II	33Y2A-1	Biface Stage 2	1
E26/S76	25B		II		Debitage	119
E26/S76	25B		II	33Y2C-3	Thin uniface fragment	1
E26/S76	25B		II	33Y2D-4	Uniface, unanalyzed	1
E26/S76	25B		II	33Y2B-2	Uniface, unanalyzed	1
E26/S76	26A		II		Debitage	83
E26/S76	26B		II		Debitage	38
E26/S76	26B	Feature 164	II		Debitage	7
E26/S76	27A		Id/II	33AA1B-1	Biface Stage 2	1
E26/S76	27A		Id/II		Debitage	21
E26/S76	27B		Isi-c/Id/II		Debitage	28
E26/S76	28A		Isi-c/Id/II		Debitage	34
E26/S76	28A		Isi-c/Id/II	33BB1B-1	Denticulated flake	1
E26/S76	28B		Isi-c/Id		Debitage	26
E26/S76	29A		Isi-c/Id		Debitage	19
E26/S76	29A		Isi-c/Id	33CC1C-1	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S76	29B		Isi-c		Debitage	27
E26/S76	29B		Isi-c	33CC2A-1	Edge modified flake	1
E26/S76	30A		Isi-c		Debitage	20
E26/S76	30B		Isi-c		Debitage	21
E26/S76	31A		Isi-c		Debitage	30
E26/S76	31A		Isi-c	33EE1C-1	Projectile point, Wilson	1
E26/S76	31B		Isi-c		Debitage	33
E26/S76	32A		Isi-c		Debitage	20
E26/S76	32A		Isi-c	33FF1D-2	Edge modified flake	1
E26/S76	32A		Isi-c	33FF1C-1	Unifacial multiple tool	1
E26/S76	32B		lcl/Isi-c		Debitage	18
E26/S76	32B		lcl/Isi-c	33FF2B-1	Thin uniface	1
E26/S76	33A		lcl/Isi-c	33GG1C-1	Burin spall	1
E26/S76	33A		lcl/Isi-c		Debitage	15
E26/S76	33B		lcl/Isi-c		Debitage	8
E26/S76	33B		lcl/Isi-c	33GG2A-1	Edge modified flake	1
E26/S76	34A		lcl/Isi-c		Debitage	16
E26/S76	34A		lcl/Isi-c	33HH1D-1	Edge modified flake	1
E26/S76	34B		lcl		Debitage	14
E26/S76	35A		lcl		Debitage	29
E26/S76	35B		lcl		Debitage	39
E26/S76	36A		lcl	33JJ1A-1	Blade	1
E26/S76	36A		lcl/D		Debitage	15
E26/S76	36A		lcl		Debitage	33
E26/S76	36B		lcl		Debitage	17
E26/S76	36B		lcl/D		Debitage	5
E26/S76	37A		lcl		Debitage	34
E26/S76	37A		lcl/D		Debitage	4
E26/S76	37A		lcl	33KK1B-1	Thin uniface fragment	1
E26/S76	37A-38A	Feature 175	lcl/D		Debitage	2
E26/S76	37B		lcl/D		Debitage	10
E26/S76	37B		lcl		Debitage	8
E26/S76	37B		lcl	33KK2B-1	Spurred flake	1
E26/S76	37B		lcl	33KK2C-3	Uniface, unanalyzed	1
E26/S76	38A		Isi/lcl		Debitage	22
E26/S76	38A		Isi/lcl	33LL1A-1	Spurred flake	1
E26/S76	38B		Isi/lcl		Debitage	19
E26/S76	39A		Isi/lcl		Debitage	27
E26/S76	39A		Isi/lcl	33MM1A-1	Uniface, unanalyzed	1
E26/S76	39B		Isi/lcl	33MM2D-2	Biface Stage 1	1
E26/S76	39B		Isi/lcl		Debitage	24
E26/S76	39B		Isi/lcl	33MM2D-1	Large core hammerstone	1
E26/S76	39B		Isi/lcl	33MM2D	Uniface, unanalyzed	1
E26/S76	40A		Isi/lcl	33NN1D-1	Core fragment	1
E26/S76	40A		Isi/lcl		Debitage	48
E26/S76	40A		Isi/lcl	33NN1D-2	Uniface, unanalyzed	1
E26/S76	40B		Isi/lcl		Debitage	24
E26/S76	40B		Isi/lcl	33NN2A-1	Uniface, unanalyzed	1
E26/S76	41A		Isi/lcl		Debitage	13
E26/S76	41B		Isi/lcl		Debitage	7
E26/S76	42A		lgl/Isi/lcl		Debitage	6
E26/S78	13		IIIa/b	32M-1	Projectile point, miscellaneous lanceolate	1
E26/S78	15		IIIa/b	32O-8	Biface Stage 2	1
E26/S78	15		IIIa/b	32O-5	Biface Stage 2	1
E26/S78	15		IIIa/b	32O-10	Burin	1
E26/S78	15		IIIa/b		Debitage	1621
E26/S78	15		IIIa/b	32O-12	Micro-core, intermediate	1
E26/S78	15		IIIa/b	32O-9	Projectile point fragment	1
E26/S78	15		IIIa/b	32O-11	Projectile point fragment	1
E26/S78	15		IIIa/b	32O-4	Projectile point fragment	1
E26/S78	15		IIIa/b	32O-6	Projectile point, bifurcate stem fragment	1
E26/S78	15		IIIa/b	32O-1	Projectile point, expanding concave B	1
E26/S78	15		IIIa/b	32O-2	Projectile point, indeterminate	1
E26/S78	15		IIIa/b	32O-14	Spurred flake	1
E26/S78	15		IIIa/b	32O-13	Thin uniface	1
E26/S78	15		IIIa/b	32O-16	Uniface, unanalyzed	1
E26/S78	15		IIIa/b	32O-17	Uniface, unanalyzed	1
E26/S78	15		IIIa/b	32O-15	Uniface, unanalyzed	1
E26/S78	16A	Feature 124	IIIa	32P1-1	Burin spall	1
E26/S78	16A	Feature 124	IIIa		Debitage	571
E26/S78	16A	Feature 124	IIIa	32P1-3	Perforator Group 7	1
E26/S78	16A	Feature 124	IIIa	32P1-6	Thin uniface	1
E26/S78	16A	Feature 124	IIIa	32P1-4	Uniface, unanalyzed	1
E26/S78	16A	Feature 124	IIIa	32P1-5	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S78	16B		IIIa	32P2-5	Biface fragment	1
E26/S78	16B		IIIa	32P2-7	Burin spall	1
E26/S78	16B		IIIa		Debitage	1038
E26/S78	16B		IIIa	32P2-6	Edge modified flake	1
E26/S78	16B		IIIa	32P2-1	Perforator Group 7	1
E26/S78	16B		IIIa	32P2-3	Uniface, unanalyzed	1
E26/S78	16B		IIIa	32P2-4	Uniface, unanalyzed	1
E26/S78	16B		IIIa	32P2-2	Uniface, unanalyzed	1
E26/S78	16B	Feature 124	IIIa	32P2-15	Biface Stage 2	1
E26/S78	16B	Feature 124	IIIa	32P2-14	Biface Stage 2	1
E26/S78	16B	Feature 124	IIIa	32P2-13	Biface Stage 2	1
E26/S78	16B	Feature 124	IIIa	32P2-17	Denticulated flake	1
E26/S78	16B	Feature 124	IIIa	32P2-11	Mano	1
E26/S78	16B	Feature 124	IIIa	32P2-12	Projectile point, Hoxie C	1
E26/S78	16B	Feature 124	IIIa	32P2-18	Thin uniface	1
E26/S78	17A		IIIa		Debitage	547
E26/S78	17A		IIIa	32Q1-1	Projectile point, bifurcate stem fragment	1
E26/S78	17A		IIIa	32Q1-2	Uniface, unanalyzed	1
E26/S78	17A		IIIa	32Q1-6	Uniface, unanalyzed	1
E26/S78	17A		IIIa	32Q1-5	Uniface, unanalyzed	1
E26/S78	17A		IIIa	32Q1-3	Uniface, unanalyzed	1
E26/S78	17A		IIIa	32Q1-4	Uniface, unanalyzed	1
E26/S78	17A	Feature 124	IIIa	32Q1-7	Thick uniface	1
E26/S78	17B		IIIa	32Q2-2	Biface fragment	1
E26/S78	17B		IIIa	32Q2-4	Core fragment	1
E26/S78	17B		IIIa		Debitage	843
E26/S78	17B		IIIa	32Q2-1	Mano fragment	1
E26/S78	17B		IIIa	32Q2-3	Notched flake	1
E26/S78	17B		IIIa	32Q2-8	Thin uniface	1
E26/S78	17B		IIIa	32Q2-9	Thin uniface	1
E26/S78	17B		IIIa	32Q2-7	Thin uniface fragment	1
E26/S78	17B		IIIa	32Q2-5	Uniface, unanalyzed	1
E26/S78	18A		IIIa	32R1-9	Biface fragment	1
E26/S78	18A		IIIa	32R1-1	Biface Stage 1	1
E26/S78	18A		IIIa	32R1-12	Biface Stage 1	1
E26/S78	18A		IIIa		Debitage	779
E26/S78	18A		IIIa	32R1-8	Denticulated flake	1
E26/S78	18A		IIIa	32R1-6	Microspur/microdenticulate	1
E26/S78	18A		IIIa	32R1-2	Projectile point, bifurcate stem fragment	1
E26/S78	18A		IIIa	32R1-13	Thin uniface	1
E26/S78	18A		IIIa	32R1-7	Uniface, unanalyzed	1
E26/S78	18A		IIIa	32R1-3	Uniface, unanalyzed	1
E26/S78	18A		IIIa	32R1-4	Uniface, unanalyzed	1
E26/S78	18A		IIIa	32R1-10	Uniface, unanalyzed	1
E26/S78	18A		IIIa	32R1-11	Uniface, unanalyzed	1
E26/S78	18B		IIIa	32R2-2	Burin spall	1
E26/S78	18B		IIIa		Debitage	460
E26/S78	18B		IIIa	32R2-1	Projectile point fragment	1
E26/S78	18B		IIIa	32R2-6	Thin uniface fragment	1
E26/S78	18B		IIIa	32R2-4	Uniface, unanalyzed	1
E26/S78	18B		IIIa	32R2-5	Uniface, unanalyzed	1
E26/S78	18B		IIIa	32R2-3	Unifacial multiple tool	1
E26/S78	19A		II/IIIa	32S1-2	Biface Stage 2	1
E26/S78	19A		II/IIIa	32S1-4	Chert cobble, unmodified/tested	1
E26/S78	19A		II/IIIa	32S1-5	Core, thermal	1
E26/S78	19A		II/IIIa		Debitage	368
E26/S78	19A		II/IIIa	32S1-6	Micro-core, intermediate	1
E26/S78	19A		II/IIIa	32S1-1	Notched flake	1
E26/S78	19A		II/IIIa	32S1-3	Uniface, unanalyzed	1
E26/S78	19B		II/IIIa	32S2B-5	Biface fragment	1
E26/S78	19B		II/IIIa	32S2-1	Biface Stage 3	1
E26/S78	19B		II/IIIa		Debitage	183
E26/S78	19B		II/IIIa	32S2-3	Thick uniface	1
E26/S78	19B		II/IIIa	32S2-2	Uniface, unanalyzed	1
E26/S78	20A		II		Debitage	191
E26/S78	20A		II	32T1D-4	Notched flake	1
E26/S78	20A		II	32T1A-1	Projectile point fragment	1
E26/S78	20A		II	32T1C-3	Projectile point, Angostura	1
E26/S78	20A		II	32T1D-5	Thin uniface	1
E26/S78	20A		II	32T1C-2	Uniface, unanalyzed	1
E26/S78	20B		II		Debitage	268
E26/S78	21A		II		Debitage	170
E26/S78	21A		II	32U1C-1	Projectile point fragment	1
E26/S78	21A		II	32U1D-3	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S78	21A		II	32U1D-2	Uniface, unanalyzed	1
E26/S78	21B		II		Debitage	136
E26/S78	21B		II	32U2B-1	Projectile point fragment	1
E26/S78	21B		II	32U2D-2	Uniface, unanalyzed	1
E26/S78	21B		II	32U2D-3	Uniface, unanalyzed	1
E26/S78	22A		II	32V1-1	Biface Stage 2	1
E26/S78	22A		II		Debitage	117
E26/S78	22A		II	32V1A-3	Small core hammerstone	1
E26/S78	22A		II	32V1C-5	Uniface, unanalyzed	1
E26/S78	22A		II	32V1B-4	Uniface, unanalyzed	1
E26/S78	22B		II		Debitage	135
E26/S78	22B		II	32V2A-1	Uniface, unanalyzed	1
E26/S78	23A		II		Debitage	143
E26/S78	23A		II	32W1B-1	Perforator Group 2	1
E26/S78	23A		II	32W1D-3	Uniface, unanalyzed	1
E26/S78	23A		II	32W1C-2	Unifacial multiple tool	1
E26/S78	23B		II		Debitage	79
E26/S78	23B		II	32W2A-1	Uniface, unanalyzed	1
E26/S78	24A		II		Debitage	110
E26/S78	24A		II	32X1D-4	Edge modified flake	1
E26/S78	24A		II	32X1B-1	Edge modified flake	1
E26/S78	24A		II	32X1B-2	Thin uniface	1
E26/S78	24A		II	32X1D-3	Thin uniface	1
E26/S78	24B		II	32X2B-4	Biface Stage 2	1
E26/S78	24B		II	32X2B-1	Burin spall	1
E26/S78	24B		II	32X2C-6	Burin spall	1
E26/S78	24B		II		Debitage	195
E26/S78	24B		II	32X2D-8	Thick uniface	1
E26/S78	24B		II	32X2B-5	Uniface, unanalyzed	1
E26/S78	24B		II	32X2C-7	Uniface, unanalyzed	1
E26/S78	24B		II	32X2B-2	Unifacial multiple tool	1
E26/S78	25A		Id/II	32Y1C-2	Burin spall	1
E26/S78	25A		Id/II		Debitage	163
E26/S78	25A		Id/II	32Y1C-3	Uniface, unanalyzed	1
E26/S78	25A		Id/II	32Y1B-1	Uniface, unanalyzed	1
E26/S78	25B		Id/II	32Y2B-2	Burin spall	1
E26/S78	25B		Id/II		Debitage	98
E26/S78	25B		Id/II	32Y2C-1	Projectile point, Wilson	1
E26/S78	25B		Id/II	32Y2B-3	Thin uniface	1
E26/S78	25B		Id/II	32Y2C-4	Uniface, unanalyzed	1
E26/S78	26A		Id/II	32Z1B-3	Biface Stage 2	1
E26/S78	26A		Id/II		Debitage	122
E26/S78	26A		Id/II	32Z1-2	Projectile point, miscellaneous lanceolate	1
E26/S78	26A		Id/II	32Z1-1	Uniface, unanalyzed	1
E26/S78	26A		Id/II	32Z1D-4	Uniface, unanalyzed	1
E26/S78	26B		Id/II	32Z2D-5	Biface Stage 2	1
E26/S78	26B		Id/II		Debitage	28
E26/S78	26B		Id/II	32Z2C-3	Edge modified flake	1
E26/S78	26B		Id/II	32Z2A-1	Uniface, unanalyzed	1
E26/S78	26B		Id/II	32Z2A-2	Uniface, unanalyzed	1
E26/S78	26B		Id/II	32Z2D-4	Uniface, unanalyzed	1
E26/S78	27A		Isi-c/Id/II		Debitage	30
E26/S78	27A		Isi-c/Id/II	32AA1A-1	Edge modified flake	1
E26/S78	27A		Isi-c/Id/II	32AA1C-3	Uniface, unanalyzed	1
E26/S78	27A		Isi-c/Id/II	32AA1A-2	Uniface, unanalyzed	1
E26/S78	27B		Isi-c/Id		Debitage	21
E26/S78	27B		Isi-c/Id	32AA2D-1	Uniface, unanalyzed	1
E26/S78	28A		Isi-c/Id	32BB1D-1	Biface Stage 2	1
E26/S78	28A		Isi-c/Id		Debitage	50
E26/S78	28B		Isi-c/Id		Debitage	46
E26/S78	28B		Isi-c/Id	32BB2A-1	Uniface, unanalyzed	1
E26/S78	28B		Isi-c/Id	32BB2A-2	Uniface, unanalyzed	1
E26/S78	29A		Isi-c/Id		Debitage	32
E26/S78	29B		Isi-c		Debitage	26
E26/S78	29B		Isi-c	32CC2B-1	Projectile point, Wilson	1
E26/S78	29B		Isi-c	32CC2C-2	Projectile point, Wilson	1
E26/S78	30A		Isi-c		Debitage	29
E26/S78	30A		Isi-c	32DD1B-1	Projectile point, Wilson	1
E26/S78	30B		Isi-c		Debitage	36
E26/S78	30B		Isi-c	32DD2C-1	Projectile point, Wilson	1
E26/S78	31A		Isi-c		Debitage	56
E26/S78	31B		Isi-c		Debitage	54
E26/S78	31B		Isi-c	32EE2A-1	Thin uniface	1
E26/S78	32A		Isi-c		Debitage	31

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E26/S78	32A	Feature 171	Isi-c	32FF1B-3	Uniface, unanalyzed	1
E26/S78	32A		Isi-c	32FF1A-1	Uniface, unanalyzed	1
E26/S78	32B		Isi/Icl/Isi-c		Debitage	13
E26/S78	32B		Isi/Icl/Isi-c	32FF2B-1	Thin uniface	1
E26/S78	33A		Isi/Icl/Isi-c		Debitage	35
E26/S78	33B		Isi/Icl/Isi-c		Debitage	24
E26/S78	33B		Isi/Icl/Isi-c	32GG2B-1	Thin uniface	1
E26/S78	33B		Isi/Icl/Isi-c	32GG2D-2	Uniface, unanalyzed	1
E26/S78	34A		Isi/Icl/Isi-c		Debitage	52
E26/S78	34B		Isi/Icl		Debitage	34
E26/S78	34B		Isi/Icl	32HH2A-1	Spurred flake	1
E26/S78	34B		Isi/Icl	32HH2B-2	Thin uniface	1
E26/S78	34B		Isi/Icl	32HH2D-3	Uniface, unanalyzed	1
E26/S78	35A		Isi/Icl	32II1A-1	Biface Stage 2	1
E26/S78	35A		Isi/Icl	32II1B-1	Biface Stage 2	1
E26/S78	35A		Isi/Icl		Debitage	40
E26/S78	35B		Isi/Icl	32II2A-1	Biface Stage 2	1
E26/S78	35B		Isi/Icl		Debitage	50
E26/S78	35B		Isi/Icl	32II2C-2	Uniface, unanalyzed	1
E26/S78	36A		Isi/Icl		Debitage	33
E26/S78	36A		Isi/Icl/D		Debitage	8
E26/S78	36B		Isi/Icl		Debitage	26
E26/S78	36B		Isi/Icl/D		Debitage	11
E26/S78	36B		Isi/Icl	32JJ2D-1	Uniface, unanalyzed	1
E26/S78	37-38A	Feature 175	Isi/Icl		Debitage	3
E26/S78	37A		Isi/Icl	32KK1C-1	Core, multidirectional	1
E26/S78	37A		Isi/Icl		Debitage	29
E26/S78	37A		Isi/Icl/D		Debitage	20
E26/S78	37B		Isi/Icl/D	32KK2B-2	Biface Stage 2	1
E26/S78	37B		Isi/Icl	32KK2A-1	Core tool, type 5	1
E26/S78	37B		Isi/Icl/D		Debitage	8
E26/S78	37B		Isi/Icl		Debitage	30
E26/S78	38A		Isi/Icl		Debitage	23
E26/S78	38A		Isi/Icl	32LL1B-3	Edge modified flake	1
E26/S78	38A		Isi/Icl	32LL1C-4	Edge modified flake	1
E26/S78	38A		Isi/Icl	32LL1A-2	Thick uniface	1
E26/S78	38A		Isi/Icl	32LL1A-1	Uniface, unanalyzed	1
E26/S78	38B		Isi/Icl		Debitage	18
E26/S78	38B		Isi/Icl	32LL2A-1	Uniface, unanalyzed	1
E26/S78	39A		Isi/Icl	32MM1A-1	Biface Stage 2	1
E26/S78	39A		Isi/Icl		Debitage	34
E26/S78	39B		Isi/Icl		Debitage	15
E26/S78	40B		Isi/Icl		Debitage	11
E26/S78	41A		Isi/Icl		Debitage	5
E26/S78	41B		Isi/Icl		Debitage	4
E26/S80	13		IIIb	55M	Projectile point, Bandy	1
E28/S78	1		IIIc	37AD-22	Arrow point, Scallorn	1
E28/S78	1		IIIc	37AC-20	Biface fragment	1
E28/S78	1		IIIc	37AC-15	Biface fragment	1
E28/S78	1		IIIc	37AC-12	Biface Stage 2	1
E28/S78	1		IIIc	37AD-23	Biface Stage 2	1
E28/S78	1		IIIc	37AD-24	Biface Stage 2	1
E28/S78	1		IIIc	37AA-5	Biface Stage 3	1
E28/S78	1		IIIc		Debitage	644
E28/S78	1		IIIc	37AA-4	Edge modified flake	1
E28/S78	1		IIIc	37AB-7	Edge modified flake	1
E28/S78	1		IIIc	37AB-6	Edge modified flake	1
E28/S78	1		IIIc	37AC-18	Edge modified flake	1
E28/S78	1		IIIc	37AA-2	Edge modified flake	1
E28/S78	1		IIIc	37AD-27	Edge modified flake	1
E28/S78	1		IIIc	37AD-31	Edge modified flake	1
E28/S78	1		IIIc	37AD-25	Edge modified flake	1
E28/S78	1		IIIc	37AD-26	Edge modified flake	1
E28/S78	1		IIIc	37AC-17	Edge modified flake	1
E28/S78	1		IIIc	37AA-1	Microspur/microdenticulate	1
E28/S78	1		IIIc	37AA-3	Notched flake	1
E28/S78	1		IIIc	37AB-33	Possible ground stone	1
E28/S78	1		IIIc	37AD-32	Projectile point fragment	1
E28/S78	1		IIIc	37AC-14	Projectile point fragment	1
E28/S78	1		IIIc	37AC-13	Projectile point fragment	1
E28/S78	1		IIIc	37AD-30	Projectile point fragment	1
E28/S78	1		IIIc	37AC-11	Projectile point, Ensor	1
E28/S78	1		IIIc	37AD-21	Projectile point, Ensor	1
E28/S78	1		IIIc	37AC-16	Spurred flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	1		IIIc	37AB-10	Thin uniface	1
E28/S78	1		IIIc	37AD-29	Thin uniface fragment	1
E28/S78	1		IIIc	37AB-9	Uniface, unanalyzed	1
E28/S78	2		IIIc	37BC-12	Biface Stage 2	1
E28/S78	2		IIIc	37BD-20	Biface Stage 2	1
E28/S78	2		IIIc	37BD-18	Biface Stage 2	1
E28/S78	2		IIIc	37BD-22	Burin spall	1
E28/S78	2		IIIc	37BD-27	Core, thermal	1
E28/S78	2		IIIc	37BD-24	Core, thermal	1
E28/S78	2		IIIc		Debitage	1166
E28/S78	2		IIIc	37BD-26	Edge modified flake	1
E28/S78	2		IIIc	37BA-2	Edge modified flake	1
E28/S78	2		IIIc	37BB-9	Edge modified flake	1
E28/S78	2		IIIc	37BC-17	Edge modified flake	1
E28/S78	2		IIIc	37BD-29	Edge modified flake	1
E28/S78	2		IIIc	37BB-7	Edge modified flake	1
E28/S78	2		IIIc	37BB-10	Edge modified flake	1
E28/S78	2		IIIc	37BD-34	Notched flake	1
E28/S78	2		IIIc	37BD-19	Projectile point fragment	1
E28/S78	2		IIIc	37BB-35	Projectile point fragment	1
E28/S78	2		IIIc	37BB-5	Projectile point fragment	1
E28/S78	2		IIIc	37BA-1	Projectile point fragment	1
E28/S78	2		IIIc	37BC-13	Projectile point fragment	1
E28/S78	2		IIIc	37BD-21	Projectile point fragment	1
E28/S78	2		IIIc	37BD-25	Projectile point, Montell	1
E28/S78	2		IIIc	37BC-14	Retouched blade	1
E28/S78	2		IIIc	37BA-4	Thick uniface	1
E28/S78	2		IIIc	37BC-16	Thin uniface	1
E28/S78	2		IIIc	37BB-11	Thin uniface	1
E28/S78	2		IIIc	37BD-28	Unifacial multiple tool	1
E28/S78	2		IIIc	37BD-32	Unifacial multiple tool	1
E28/S78	2		IIIc	37BB-8	Unifacial multiple tool	1
E28/S78	2		IIIc	37BA-3	Unifacial multiple tool	1
E28/S78	2		IIIc	37BC-15	Unifacial multiple tool	1
E28/S78	2		IIIc	37BD-31	Unifacial multiple tool	1
E28/S78	3		IIIc	37CD-38	Biface fragment	1
E28/S78	3		IIIc	37CB-29	Biface Stage 1	1
E28/S78	3		IIIc	37CC-34	Burin	1
E28/S78	3		IIIc		Debitage	1125
E28/S78	3		IIIc	37CA-7	Edge modified flake	1
E28/S78	3		IIIc	37CA-9	Edge modified flake	1
E28/S78	3		IIIc	37CB-23	Edge modified flake	1
E28/S78	3		IIIc	37CA-8	Edge modified flake	1
E28/S78	3		IIIc	37CA-4	Edge modified flake	1
E28/S78	3		IIIc	37CA-11	Edge modified flake	1
E28/S78	3		IIIc	37CB-24	Edge modified flake	1
E28/S78	3		IIIc	37CB-27	Edge modified flake	1
E28/S78	3		IIIc	37CB-28	Edge modified flake	1
E28/S78	3		IIIc	37CC-35	Edge modified flake	1
E28/S78	3		IIIc	37CA-5	Edge modified flake	1
E28/S78	3		IIIc	37CC-37	Edge modified flake	1
E28/S78	3		IIIc	37CB-15	Micro-core, small	1
E28/S78	3		IIIc	37CA-6	Notched flake	1
E28/S78	3		IIIc	37CB-22	Notched flake	1
E28/S78	3		IIIc	37CB-26	Notched flake	1
E28/S78	3		IIIc	37CC-31	Perforator Group 7	1
E28/S78	3		IIIc	37CA-14	Projectile point fragment	1
E28/S78	3		IIIc	37CB-16	Projectile point fragment	1
E28/S78	3		IIIc	37CB-17	Projectile point, Edgewood	1
E28/S78	3		IIIc	37CC-33	Thin uniface fragment	1
E28/S78	3		IIIc	37CA-10	Uniface, unanalyzed	1
E28/S78	4		IIIc	37DB-12	Biface fragment	1
E28/S78	4		IIIc	37DA-6	Biface fragment	1
E28/S78	4		IIIc	37DA-11	Bifacial tool Form A	1
E28/S78	4		IIIc	37DD-32	Burin	1
E28/S78	4		IIIc	37DA-7	Burin	1
E28/S78	4		IIIc	37DB-16	Burin spall	1
E28/S78	4		IIIc	37DC-21	Burin spall	1
E28/S78	4		IIIc	37DA-1	Chert cobble, unmodified/tested	1
E28/S78	4		IIIc		Debitage	884
E28/S78	4		IIIc	37DD-35	Edge modified flake	1
E28/S78	4		IIIc	37DB-14	Edge modified flake	1
E28/S78	4		IIIc	37DD-38	Edge modified flake	1
E28/S78	4		IIIc	37DD-34	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	4		IIIc	37DB-18	Edge modified flake	1
E28/S78	4		IIIc	37DD-33	Edge modified flake	1
E28/S78	4		IIIc	37DA-5	Edge modified flake	1
E28/S78	4		IIIc	37DC-24	Edge modified flake	1
E28/S78	4		IIIc	37DA-4	Edge modified flake	1
E28/S78	4		IIIc	37DA-3	Edge modified flake	1
E28/S78	4		IIIc	37DC-28	Edge modified flake	1
E28/S78	4		IIIc	37DC-27	Edge modified flake	1
E28/S78	4		IIIc	37DC-31	Notched flake	1
E28/S78	4		IIIc	37DA-2	Projectile point fragment	1
E28/S78	4		IIIc	37DA-10	Projectile point fragment	1
E28/S78	4		IIIc	37DB-17	Projectile point, Frio	1
E28/S78	4		IIIc	37DC-23	Unifacial multiple tool	1
E28/S78	4	Feature 173	IIIc	37DD-42	Mano fragment	1
E28/S78	5	Feature 173	IIIc	37EA-7	Biface fragment	1
E28/S78	5	Feature 173	IIIc	37EC-30	Biface fragment	1
E28/S78	5	Feature 173	IIIc	37EC-37	Biface fragment	1
E28/S78	5	Feature 173	IIIc	37EB-11	Biface Stage 2	1
E28/S78	5	Feature 173	IIIc	37EB-12	Biface Stage 3	1
E28/S78	5	Feature 173	IIIc	37ED-48	Bifacial tool Form B	1
E28/S78	5	Feature 173	IIIc		Debitage	1618
E28/S78	5	Feature 173	IIIc	37EC-24	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EC-34	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37ED-43	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37ED-45	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EB-21	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37ED-53	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37ED-54	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EA-9	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EA-4	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EA-8	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EB-15	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EB-19	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EC-22	Edge modified flake	1
E28/S78	5	Feature 173	IIIc	37EB-10	Mano fragment	1
E28/S78	5	Feature 173	IIIc	37EA-1	Micro-core, large	1
E28/S78	5	Feature 173	IIIc	37ED-46	Notched flake	1
E28/S78	5	Feature 173	IIIc	37EC-25	Perforator Unifacial	1
E28/S78	5	Feature 173	IIIc	37EB-13	Projectile point fragment	1
E28/S78	5	Feature 173	IIIc	37EA-2	Projectile point fragment	1
E28/S78	5	Feature 173	IIIc	37EC-36	Projectile point fragment	1
E28/S78	5	Feature 173	IIIc	37EC-40	Projectile point, Bulverde-like	1
E28/S78	5	Feature 173	IIIc	37ED-56	Projectile point, Castroville	1
E28/S78	5	Feature 173	IIIc	37EC-39	Projectile point, Pedernales	1
E28/S78	5	Feature 173	IIIc	37EC-38	Spurred flake	1
E28/S78	5	Feature 173	IIIc	37EB-17	Thin uniface	1
E28/S78	5	Feature 173	IIIc	37EC-26	Thin uniface	1
E28/S78	5	Feature 173	IIIc	37ED-49	Thin uniface	1
E28/S78	5	Feature 173	IIIc	37EB-16	Thin uniface fragment	1
E28/S78	5	Feature 173	IIIc	37EC-35	Unifacial multiple tool	1
E28/S78	5	Feature 173	IIIc	37EB-20	Unifacial multiple tool	1
E28/S78	6		IIIc	37FC-16	Biface fragment	1
E28/S78	6		IIIc	37FC-8	Biface Stage 2	1
E28/S78	6		IIIc	37FC-17	Biface Stage 3	1
E28/S78	6		IIIc	37FB-5	Burin	1
E28/S78	6		IIIc	37FD-27	Core fragment	1
E28/S78	6		IIIc		Debitage	977
E28/S78	6		IIIc	37FC-10	Denticulated flake	1
E28/S78	6		IIIc	37FC-11	Edge modified flake	1
E28/S78	6		IIIc	37FC-24	Edge modified flake	1
E28/S78	6		IIIc	37FA-2	Edge modified flake	1
E28/S78	6		IIIc	37FD-25	Edge modified flake	1
E28/S78	6		IIIc	37FC-23	Edge modified flake	1
E28/S78	6		IIIc	37FD-26	Edge modified flake	1
E28/S78	6		IIIc	37FC-19	Edge modified flake	1
E28/S78	6		IIIc	37FC-20	Edge modified flake	1
E28/S78	6		IIIc	37FC-18	Notched flake	1
E28/S78	6		IIIc	37FB-7	Notched flake	1
E28/S78	6		IIIc	37FC-9	Projectile point fragment	1
E28/S78	6		IIIc	37FB-6	Projectile point fragment	1
E28/S78	6		IIIc	37FC-13	Thin uniface	1
E28/S78	7		IIIc	37GA-2	Biface fragment	1
E28/S78	7		IIIb/c	37GD-19	Biface Stage 1	1
E28/S78	7		IIIc	37GA-1	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	7		IIIb/c	37GC-10	Biface Stage 2	1
E28/S78	7		IIIb/c	37GD-20	Biface Stage 2	1
E28/S78	7		IIIc	37GB-9	Brushy Creek biface	1
E28/S78	7		IIIb/c		Debitage	497
E28/S78	7		IIIc		Debitage	346
E28/S78	7		IIIb/c	37GD-24	Edge modified flake	1
E28/S78	7		IIIc	37GB-6	Edge modified flake	1
E28/S78	7		IIIc	37GB-4	Edge modified flake	1
E28/S78	7		IIIb/c	37GC-11	Edge modified flake	1
E28/S78	7		IIIb/c	37GC-13	Edge modified flake	1
E28/S78	7		IIIc	37GB-7	Edge modified flake	1
E28/S78	7		IIIb/c	37GD-22	Notched flake	1
E28/S78	7		IIIc	37GB-3	Projectile point, Bulverde-like	1
E28/S78	7		IIIb/c	37GD-18	Projectile point, Nolan eccentric	1
E28/S78	7		IIIc	37GB-8	Thin uniface fragment	1
E28/S78	7		IIIb/c	37GC-14	Thin uniface fragment	1
E28/S78	7		IIIb/c	37GC-12	Uniface, unanalyzed	1
E28/S78	8		IIIb/c	37HB-7	Biface fragment	1
E28/S78	8		IIIb/c	37HC-19	Biface Stage 1	1
E28/S78	8		IIIb/c	37HC-13	Biface Stage 2	1
E28/S78	8		IIIb/c		Debitage	914
E28/S78	8		IIIb/c	37HC-23	Denticulated flake	1
E28/S78	8		IIIb/c	37HC-17	Edge modified flake	1
E28/S78	8		IIIb/c	37HA-2	Edge modified flake	1
E28/S78	8		IIIb/c	37HC-20	Edge modified flake	1
E28/S78	8		IIIb/c	37HB-12	Edge modified flake	1
E28/S78	8		IIIb/c	37HB-11	Edge modified flake	1
E28/S78	8		IIIb/c	37HB-10	Edge modified flake	1
E28/S78	8		IIIb/c	37HA-4	Edge modified flake	1
E28/S78	8		IIIb/c	37HA-1	Edge modified flake	1
E28/S78	8		IIIb/c	37HC-15	Edge modified flake	1
E28/S78	8		IIIb/c	37HC-22	Notched flake	1
E28/S78	8		IIIb/c	37HB-9	Projectile point fragment	1
E28/S78	8		IIIb/c	37HC-14	Projectile point, square stem	1
E28/S78	8		IIIb/c	37HD-24	Unifacial multiple tool	1
E28/S78	9		IIIb/c	37IB-3	Biface fragment	1
E28/S78	9		IIIb/c	37IA-1	Biface Stage 1	1
E28/S78	9		IIIb/c	37IC-7	Biface Stage 2	1
E28/S78	9		IIIb/c	37IC-8	Burin spall	1
E28/S78	9		IIIb/c	37ID-17	Chert cobble, chunk	1
E28/S78	9		IIIb/c		Debitage	626
E28/S78	9		IIIb/c	37IC-15	Edge modified flake	1
E28/S78	9		IIIb/c	37IA-2	Edge modified flake	1
E28/S78	9		IIIb/c	37IC-12	Projectile point fragment	1
E28/S78	9		IIIb/c	37IB-4	Projectile point, bifurcate stem fragment	1
E28/S78	9		IIIb/c	37ID-16	Projectile point, Bulverde-like	1
E28/S78	9		IIIb/c	37IB-5	Thin uniface fragment	1
E28/S78	9		IIIb/c	37IC-14	Uniface, unanalyzed	1
E28/S78	10		IIIb/c	37JA-5	Biface fragment	1
E28/S78	10		IIIb/c	37JC-19	Chert cobble, chunk	1
E28/S78	10		IIIb/c		Debitage	333
E28/S78	10		IIIb		Debitage	188
E28/S78	10		IIIb	37JB-15	Edge modified flake	1
E28/S78	10		IIIb/c	37JC-21	Edge modified flake	1
E28/S78	10		IIIb/c	37JA-4	Edge modified flake	1
E28/S78	10		IIIb	37JD-27	Edge modified flake	1
E28/S78	10		IIIb/c	37JA-2	Projectile point fragment	1
E28/S78	10		IIIb/c	37JA-1	Projectile point, miscellaneous lanceolate	1
E28/S78	10	Feature 176	IIIb/c		Debitage	1
E28/S78	10	Feature 176	IIIb/c	37JA-11	Unifacial multiple tool	1
E28/S78	10	Feature 177	IIIb/c		Debitage	24
E28/S78	11		IIIb	37KB-1	Biface fragment	1
E28/S78	11		IIIb	37KC-5	Biface Stage 2	1
E28/S78	11		IIIb		Debitage	231
E28/S78	11		IIIb/c		Debitage	92
E28/S78	11		IIIb	37KC-6	Denticulated flake	1
E28/S78	11		IIIb	37KC-7	Thick uniface	1
E28/S78	11		IIIb	37KB-2	Unifacial multiple tool	1
E28/S78	11	Feature 179	IIIb	37KCD-1	Core, thermal	1
E28/S78	11	Feature 179	IIIb		Debitage	18
E28/S78	12		IIIb	37LB-14	Biface Stage 1	1
E28/S78	12		IIIb	37LB-9	Biface Stage 1	1
E28/S78	12		IIIb	37LB-11	Biface Stage 2	1
E28/S78	12		IIIb	37LD-34	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	12		IIIb	37LD-37	Biface Stage 2	1
E28/S78	12		IIIb	37LA-3	Bifacial tool Form C	1
E28/S78	12		IIIb	37LB-15	Burin	1
E28/S78	12		IIIb	37LB-12	Burin	1
E28/S78	12		IIIb	37LA-1	Core, multidirectional	1
E28/S78	12		IIIb		Debitage	1075
E28/S78	12		IIIb	37LD-38	Edge modified flake	1
E28/S78	12		IIIb	37LC-22	Edge modified flake	1
E28/S78	12		IIIb	37LC-27	Edge modified flake	1
E28/S78	12		IIIb	37LC-21	Edge modified flake	1
E28/S78	12		IIIb	37LB-18	Edge modified flake	1
E28/S78	12		IIIb	37LD-36	Microspur/microdenticulate	1
E28/S78	12		IIIb	37LB-16	Notched flake	1
E28/S78	12		IIIb	37LA-2	Perforator Group 2	1
E28/S78	12		IIIb	37LB-10	Piece esquilée	1
E28/S78	12		IIIb	37LD-31	Projectile point, Gower/Uvalde	1
E28/S78	12		IIIb	37LC-19	Projectile point, Uvalde	1
E28/S78	12		IIIb	37LD-30	Projectile point, Wilson?	1
E28/S78	12		IIIb	37LD-35	Spurred flake	1
E28/S78	12		IIIb	37LA-4	Thin uniface	1
E28/S78	12		IIIb	37LA-5	Thin uniface	1
E28/S78	12		IIIb	37LC-29	Thin uniface fragment	1
E28/S78	12		IIIb	37LB-17	Thin uniface fragment	1
E28/S78	12		IIIb	37LD-39	Uniface, unanalyzed	1
E28/S78	13		IIIb	37MA-1	Biface fragment	1
E28/S78	13		IIIb	37MC-27	Biface fragment	1
E28/S78	13		IIIb	37MC-23	Biface fragment	1
E28/S78	13		IIIb	37MC-20	Biface fragment	1
E28/S78	13		IIIb	37MD-29	Biface fragment, unanalyzed	1
E28/S78	13		IIIb	37MA-2	Biface Stage 3	1
E28/S78	13		IIIb	37MC-14	Biface Stage 3	1
E28/S78	13		IIIb	37MA-10	Burin spall	1
E28/S78	13		IIIb		Debitage	1204
E28/S78	13		IIIb	37MC-22	Edge modified flake	1
E28/S78	13		IIIb	37MA-12	Edge modified flake	1
E28/S78	13		IIIb	37MD-35	Edge modified flake	1
E28/S78	13		IIIb	37MA-7	Edge modified flake	1
E28/S78	13		IIIb	37MA-8	Edge modified flake	1
E28/S78	13		IIIb	37MC-19	Edge modified flake	1
E28/S78	13		IIIb	37MC-26	Edge modified flake	1
E28/S78	13		IIIb	37MD-30	Microspur/microdenticulate	1
E28/S78	13		IIIb	37MD-32	Notched flake	1
E28/S78	13		IIIb	37MA-3	Projectile point fragment	1
E28/S78	13		IIIb	37MC-16	Projectile point, expanding concave D	1
E28/S78	13		IIIb	37MC-15	Projectile point, Hoxie	1
E28/S78	13		IIIb	37MA-4	Projectile point, Martindale A	1
E28/S78	13		IIIb	37MB-13	Spurred flake	1
E28/S78	13		IIIb	37MC-25	Unifacial multiple tool	1
E28/S78	13		IIIb	37MC-17	Unifacial multiple tool	1
E28/S78	14		IIIa/b	37NC-11	Biface Stage 2	1
E28/S78	14		IIIa/b	37NC-10	Burin spall	1
E28/S78	14		IIIb		Debitage	391
E28/S78	14		IIIa/b		Debitage	296
E28/S78	14		IIIa/b	37ND-15	Edge modified flake	1
E28/S78	14		IIIa/b	37ND-14	Edge modified flake	1
E28/S78	14		IIIb	37NB-8	Edge modified flake	1
E28/S78	14		IIIb	37NA-1	Edge modified flake	1
E28/S78	14		IIIa/b	37NC-12	Edge modified flake	1
E28/S78	14		IIIb	37NA-4	Notched flake	1
E28/S78	14		IIIa/b	37ND-13	Projectile point fragment	1
E28/S78	14		IIIb	37NB-7	Projectile point, expanding concave D	1
E28/S78	15A		IIIa/b		Debitage	284
E28/S78	15A		IIIb		Debitage	123
E28/S78	15A		IIIa		Debitage	108
E28/S78	15A		IIIa	37O1D-9	Edge modified flake	1
E28/S78	15A		IIIb	37O1B-5	Edge modified flake	1
E28/S78	15A		IIIa/b	37O1A-2	Microspur/microdenticulate	1
E28/S78	15A		IIIb	37O1B-3	Thin uniface	1
E28/S78	15A		IIIa	37O1D-10	Unifacial multiple tool	1
E28/S78	15A	Feature 181	IIIa/b	37O1C-6	Biface Stage 2	1
E28/S78	15A	Feature 181	IIIa	37O1D-8	Burin spall	1
E28/S78	15A	Feature 181	IIIa	37O1D-1	Projectile point, Jetta	1
E28/S78	15B		IIIa/b		Debitage	134
E28/S78	15B		IIIa/b	37O2A-3	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	15B		IIIa/b	37O2A-1	Notched flake	1
E28/S78	15B		IIIa/b	37O2A-2	Spurred flake	1
E28/S78	15B	Feature 181	IIIa	37O2C-11	Biface fragment	1
E28/S78	15B	Feature 181	IIIa	37O2C-13	Biface Stage 2	1
E28/S78	15B	Feature 181	IIIa	37O2C-10	Burin spall	1
E28/S78	15B	Feature 181	IIIa		Debitage	185
E28/S78	15B	Feature 181	IIIa/b		Debitage	114
E28/S78	15B	Feature 181	IIIa	37O2C-9	Projectile point fragment	1
E28/S78	15B	Feature 181	IIIa/b	37O2B-7	Projectile point, Hoxie	1
E28/S78	15B	Feature 181	IIIa	37O2C-8	Projectile point, Hoxie	1
E28/S78	15B	Feature 181	IIIa	37O2C-12	Thin uniface	1
E28/S78	15B	Feature 181	IIIa/b	37O2B-4	Unifacial multiple tool	1
E28/S78	16A	Feature 181	IIIa	37P1D-6	Biface fragment	1
E28/S78	16A	Feature 181	IIIa	37P1D-5	Biface fragment	1
E28/S78	16A	Feature 181	IIIa	37P1D-7	Biface Stage 1	1
E28/S78	16A	Feature 181	IIIa	37P1B-3	Biface Stage 3	1
E28/S78	16A	Feature 181	IIIa	37P1D-8	Burin spall	1
E28/S78	16A	Feature 181	IIIa		Debitage	505
E28/S78	16A	Feature 181	IIIa	37P1D-11	Edge modified flake	1
E28/S78	16A	Feature 181	IIIa	37P1A-1	Edge modified flake	1
E28/S78	16A	Feature 181	IIIa	37P1C-4	Microspur/microdenticulate	1
E28/S78	16A	Feature 181	IIIa	37P1A-2	Perforator Group 7	1
E28/S78	16A	Feature 181	IIIa	37P1D-9	Uniface, unanalyzed	1
E28/S78	16B		IIIa		Debitage	142
E28/S78	16B	Feature 181	IIIa	37P2C-4	Burin spall	1
E28/S78	16B	Feature 181	IIIa		Debitage	143
E28/S78	16B	Feature 181	IIIa	37P2B-1	Edge modified flake	1
E28/S78	16B	Feature 181	IIIa	37P2B-3	Edge modified flake	1
E28/S78	16B-18A	Feature 181	II/IIIa		Debitage	10
E28/S78	17A		IIIa		Debitage	366
E28/S78	17A		IIIa	37Q1C-5	Projectile point, miscellaneous lanceolate	1
E28/S78	17A	Feature 181	IIIa	37Q1A-1	Bifacial tool Form A	1
E28/S78	17A	Feature 181	IIIa	37Q1D-6	Burin spall	1
E28/S78	17A	Feature 181	IIIa		Debitage	316
E28/S78	17A	Feature 181	IIIa	37Q1A-2	Edge modified flake	1
E28/S78	17A	Feature 181	IIIa	37Q1D-8	Thin uniface	1
E28/S78	17A	Feature 183	IIIa	37Q1D-7	Perforator Group 7	1
E28/S78	17B		IIIa	37Q2B-5	Burin spall	1
E28/S78	17B		IIIa		Debitage	168
E28/S78	17B		IIIa	37Q2B-4	Microspur/microdenticulate	1
E28/S78	17B		IIIa	37Q2B-3	Spurred flake	1
E28/S78	17B	Feature 181	IIIa	37Q2A-1	Burin spall	1
E28/S78	17B	Feature 181	IIIa		Debitage	324
E28/S78	17B	Feature 181	IIIa	37Q2C-7	Edge modified flake	1
E28/S78	17B	Feature 181	IIIa	37Q2D-12	Notched flake	1
E28/S78	17B	Feature 181	IIIa	37Q2D-14	Uniface, unanalyzed	1
E28/S78	17B	Feature 181	IIIa	37Q2C-6	Unifacial multiple tool	1
E28/S78	17B	Feature 181	IIIa	37Q2D-15	Unifacial multiple tool	1
E28/S78	17B	Feature 183	IIIa		Debitage	1
E28/S78	18A		II/IIIa	37R1D-6	Biface Stage 2	1
E28/S78	18A		II/IIIa		Debitage	137
E28/S78	18A		IIIa		Debitage	200
E28/S78	18A		II/IIIa	37R1D-3	Edge modified flake	1
E28/S78	18A	Feature 181	IIIa		Debitage	64
E28/S78	18A	Feature 183	IIIa	37R1B-1	Core tool, type 3	1
E28/S78	18B		II		Debitage	46
E28/S78	18B		II/IIIa		Debitage	119
E28/S78	18B	Feature 181	IIIa		Debitage	21
E28/S78	18B	Feature 184	II/IIIa		Debitage	1
E28/S78	18B	Feature 184	II/IIIa	37R2C-1	Notched flake	1
E28/S78	19	Feature 181	II/IIIa		Debitage	13
E28/S78	19A		II/IIIa	37S1C-7	Biface Stage 2	1
E28/S78	19A		II		Debitage	100
E28/S78	19A		II/IIIa		Debitage	130
E28/S78	19A		II/IIIa	37S1C-6	Edge modified flake	1
E28/S78	19A		II/IIIa	37S1C-5	Edge modified flake	1
E28/S78	19A	Feature 181	IIIa		Debitage	58
E28/S78	19A	Feature 181	IIIa	37S1A-1	Denticulated flake	1
E28/S78	19A	Feature 184	II/IIIa	37S1C-4	Burin	1
E28/S78	19B		II/IIIa		Debitage	38
E28/S78	19B		II		Debitage	56
E28/S78	19B		II	37S2B-1	Microspur/microdenticulate	1
E28/S78	19B	Feature 181	II/IIIa		Debitage	40
E28/S78	19B	Feature 184	II/IIIa		Debitage	2

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	20A		II	37T1D-4	Burin spall	1
E28/S78	20A		II		Debitage	102
E28/S78	20A		II/IIIa		Debitage	34
E28/S78	20A	Feature 181	II/IIIa		Debitage	17
E28/S78	20A	Feature 184	II/IIIa		Debitage	1
E28/S78	20A	Feature 185	II	37T1B-1	Biface fragment	1
E28/S78	20A	Feature 185	II	37T1D-3	Clear Fork biface	1
E28/S78	20B		II		Debitage	177
E28/S78	20B		II	37T2A-2	Edge modified flake	1
E28/S78	20B		II	37T2B-4	Edge modified flake	1
E28/S78	20B		II	37T2B-3	Projectile point, Golondrina-Barber	1
E28/S78	20B		II	37T2D-8	Thick uniface	1
E28/S78	20B		II	37T2A-1	Waco sinker	1
E28/S78	20B	Feature 181	II		Debitage	22
E28/S78	20B	Feature 184	II		Debitage	1
E28/S78	20B	Feature 184	II	37T2C-7	Micro-core, small	1
E28/S78	20B	Feature 184	II	37T2C-6	Uniface, unanalyzed	1
E28/S78	20B	Feature 185	II		Debitage	14
E28/S78	21A		II	37U1A-1	Burin spall	1
E28/S78	21A		II	37U1A-4	Core tool, type 5	1
E28/S78	21A		II		Debitage	187
E28/S78	21A		II	37U1A-2	Edge modified flake	1
E28/S78	21A		II	37U1B-5	Edge modified flake	1
E28/S78	21A		II	37U1A-3	Unifacial multiple tool	1
E28/S78	21B		II		Debitage	100
E28/S78	21B		II	37U2A-2	Edge modified flake	1
E28/S78	21B		II	37U2A-1	Projectile point fragment	1
E28/S78	22A		II		Debitage	100
E28/S78	22B		II		Debitage	74
E28/S78	22B		II	37V2D-1	Edge modified flake	1
E28/S78	23A		II		Debitage	75
E28/S78	23B		II		Debitage	94
E28/S78	23B		II	37W2C-2	Edge modified flake	1
E28/S78	24A		II	37X1A-1	Burin spall	1
E28/S78	24A		II		Debitage	121
E28/S78	24B		II	37X2B-2	Burin spall	1
E28/S78	24B		II		Debitage	58
E28/S78	24B		Id/II		Debitage	25
E28/S78	24B		Id/II	37X2D-5	Perforator Group 4	1
E28/S78	24B		II	37X2C-3	Perforator Group 7	1
E28/S78	24B		Id/II	37X2D-4	Projectile point, miscellaneous lanceolate	1
E28/S78	24B		II	37X2A-1	Unifacial multiple tool	1
E28/S78	25A		Id/II		Debitage	72
E28/S78	25A		II		Debitage	48
E28/S78	25A		Id/II	37Y1D-3	Projectile point fragment	1
E28/S78	25A		Id/II	37Y1D-2	Thin uniface fragment	1
E28/S78	25A		II	37Y1A-1	Unifacial multiple tool	1
E28/S78	25B		II		Debitage	14
E28/S78	25B		Id		Debitage	41
E28/S78	25B		Id/II		Debitage	15
E28/S78	26A		Id/II	37Z1A-1	Biface Stage 2	1
E28/S78	26A		Id		Debitage	28
E28/S78	26A		Id/II		Debitage	6
E28/S78	26A		Id	37Z1D-2	Thin uniface	1
E28/S78	26B		Isi-c/Id		Debitage	12
E28/S78	26B		Id		Debitage	9
E28/S78	26B		Id/II		Debitage	7
E28/S78	27A		Id		Debitage	13
E28/S78	27A		Isi-c/Id		Debitage	18
E28/S78	27A		Id	37AA1A-1	Thin uniface fragment	1
E28/S78	27B		Id		Debitage	16
E28/S78	27B		Isi-c/Id		Debitage	9
E28/S78	27B		Id	37AA2B-1	Micro-core, small	1
E28/S78	28A		Id		Debitage	4
E28/S78	28A		Isi-c		Debitage	4
E28/S78	28A		Isi-c/Id		Debitage	12
E28/S78	28A		Id	37BB1A-1	Edge modified flake	1
E28/S78	28B		Isi-c		Debitage	13
E28/S78	28B		Isi-c/Id		Debitage	8
E28/S78	28B		Isi-c/Id	37BB2A-1	Notched flake	1
E28/S78	29A		Isi-c/Id	37CC1B-1	Biface Stage 2	1
E28/S78	29A		Isi-c		Debitage	13
E28/S78	29A		Isi-c/Id		Debitage	13
E28/S78	29A		Isi-c	37CC1D-3	Projectile point fragment	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	29A		Isi-c	37CC1D-4	Thin uniface fragment	1
E28/S78	29A		Isi-c	37CC1D-5	Thin uniface fragment	1
E28/S78	29B		Isi-c		Debitage	20
E28/S78	30		Isi-c		Debitage	2
E28/S78	30A		Isi-c		Debitage	26
E28/S78	30A		Isi-c	37DD1C-1	Unifacial multiple tool	1
E28/S78	30A	Feature 193	Isi-c		Debitage	7
E28/S78	30B		Isi-c		Debitage	29
E28/S78	31A		Isi-c		Debitage	32
E28/S78	31A		Isi-c	37EE1C-1	Thin uniface	1
E28/S78	31B		Isi-c	37EE2B-1	Chert cobble, unmodified/tested	1
E28/S78	31B		Isi-c		Debitage	23
E28/S78	32A		Isi-c		Debitage	10
E28/S78	32A		lcl/Isi-c		Debitage	12
E28/S78	32B		lcl/Isi-c		Debitage	15
E28/S78	32B-33A	Feature 187	lcl/Isi-c		Debitage	4
E28/S78	33A		lcl		Debitage	12
E28/S78	33A		lcl/Isi-c		Debitage	1
E28/S78	33B		lcl/Isi-c		Debitage	3
E28/S78	33B		lcl		Debitage	12
E28/S78	34A		lcl		Debitage	15
E28/S78	34A		lcl	37HH1B-1	Thick uniface	1
E28/S78	34B		lcl		Debitage	17
E28/S78	35A		lcl		Debitage	18
E28/S78	35B		lcl		Debitage	24
E28/S78	35B		lcl	37II2D-1	Denticulated flake	1
E28/S78	35B		lcl	37II2A-2	Edge modified flake	1
E28/S78	36A		lcl		Debitage	32
E28/S78	36B		lcl		Debitage	36
E28/S78	37A		lcl	37KK1C-2	Core, thermal	1
E28/S78	37A		lcl		Debitage	42
E28/S78	37A		lcl	37KK1B-1	Edge modified flake	1
E28/S78	37A		lcl	37KK1C-3	Edge modified flake	1
E28/S78	37B		lcl		Debitage	12
E28/S78	37B		Isi/lcl		Debitage	14
E28/S78	38A		lcl		Debitage	28
E28/S78	38A		Isi/lcl		Debitage	8
E28/S78	38B		Isi/lcl	37LL2C-2	Biface Stage 1	1
E28/S78	38B		lcl		Debitage	12
E28/S78	38B		Isi/lcl		Debitage	11
E28/S78	39A		Isi/lcl	37MM1C-1	Biface Stage 2	1
E28/S78	39A		lcl		Debitage	24
E28/S78	39A		Isi		Debitage	4
E28/S78	39A		Isi/lcl		Debitage	4
E28/S78	39B		lcl		Debitage	6
E28/S78	39B		Isi		Debitage	4
E28/S78	39B		Isi/lcl		Debitage	7
E28/S78	39B		Isi/lcl	37MM2A-1	Edge modified flake	1
E28/S78	40A		lcl		Debitage	10
E28/S78	40A		Isi		Debitage	3
E28/S78	40A		Isi/lcl		Debitage	11
E28/S78	40A		Isi/lcl	37NN1C-3	Edge modified flake	1
E28/S78	40A		Isi/lcl	37NN1A-2	Thin uniface	1
E28/S78	40A		Isi/lcl	37NN1A-1	Thin uniface fragment	1
E28/S78	40B		Isi/lcl	37NN2A-2	Biface Stage 2	1
E28/S78	40B		lcl		Debitage	5
E28/S78	40B		Isi		Debitage	2
E28/S78	40B		Isi/lcl		Debitage	12
E28/S78	40B		Isi/lcl	37NN2C-4	Edge modified flake	1
E28/S78	40B		Isi/lcl	37NN2A-1	Edge modified flake	1
E28/S78	41A		Isi		Debitage	5
E28/S78	41A		Isi/lcl		Debitage	3
E28/S78	41A		Isi/lcl	37OO1A-1	Face battered stone	1
E28/S78	41B		Isi/lcl	37OO2B-4	Biface fragment	1
E28/S78	41B		Isi/lcl	37OO2B-5	Burin spall	1
E28/S78	41B		Isi/lcl		Debitage	154
E28/S78	41B		Isi		Debitage	7
E28/S78	41B		Isi/lcl	37OO2B-1	Edge modified flake	1
E28/S78	41B		Isi/lcl	37OO2B-2	Thin uniface fragment	1
E28/S78	41B		Isi/lcl	37OO2B-3	Unifacial multiple tool	1
E28/S78	42A		Isi		Debitage	5
E28/S78	42A		Isi/lcl		Debitage	9
E28/S78	42A		Isi/lcl	37PP1A-1	Edge modified flake	1
E28/S78	42B		Isi/lcl		Debitage	9

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E28/S78	42B		Isi		Debitage	1
E28/S78	42B		Isi/Icl	37PP2B-1	Microspur/microdenticulate	1
E28/S78	43A		Isi/Icl		Debitage	3
E28/S78	43A		Isi		Debitage	3
E28/S78	43A		Isi	37QQ1C-2	Edge modified flake	1
E28/S78	43A		Isi/Icl	37QQ1A-1	Thin uniface	1
E28/S78	43B		Isi		Debitage	5
E28/S78	44A		Isi		Debitage	6
E28/S78	44A	Feature 188	Isi	37RR1A-2	Battered cobble	1
E28/S78	44A	Feature 188	Isi	37RR1A-1	Chert cobble, tested	1
E28/S78	44B		Isi		Debitage	5
E28/S78	45A		Isi		Debitage	3
E28/S78	45B		Isi		Debitage	5
E28/S78	Unknown				Debitage	1
E40/S70	1		IIIc		Debitage	386
E40/S70	1		IIIc	36A-1	Projectile point fragment	1
E40/S70	2		IIIc	36B-10	Arrow point, stemmed	1
E40/S70	2		IIIc	36B-3	Biface fragment	1
E40/S70	2		IIIc	36B-21	Biface fragment	1
E40/S70	2		IIIc	36B-6	Biface fragment	1
E40/S70	2		IIIc	36B-4	Biface Stage 2	1
E40/S70	2		IIIc	36B-1	Biface Stage 2	1
E40/S70	2		IIIc	36B-30	Core, thermal	1
E40/S70	2		IIIc		Debitage	2563
E40/S70	2		IIIc	36B-19	Edge modified flake	1
E40/S70	2		IIIc	36B-34	Edge modified flake	1
E40/S70	2		IIIc	36B-7	Micro-core, intermediate	1
E40/S70	2		IIIc	36B-23	Notched flake	1
E40/S70	2		IIIc	36B-35	Notched flake	1
E40/S70	2		IIIc	36B-12	Projectile point fragment	1
E40/S70	2		IIIc	36B-2	Projectile point fragment	1
E40/S70	2		IIIc	36B-17	Projectile point fragment	1
E40/S70	2		IIIc	36B-16	Projectile point fragment	1
E40/S70	2		IIIc	36B-15	Projectile point fragment	1
E40/S70	2		IIIc	36B-14	Projectile point fragment	1
E40/S70	2		IIIc	36B-13	Projectile point fragment	1
E40/S70	2		IIIc	36B-5	Projectile point fragment	1
E40/S70	2		IIIc	36B-37	Projectile point fragment	1
E40/S70	2		IIIc	36B-11	Projectile point, Darl	1
E40/S70	2		IIIc	36B-29	Thin uniface	1
E40/S70	2		IIIc	36B-22	Thin uniface fragment	1
E40/S70	2		IIIc	36B-25	Thin uniface fragment	1
E40/S70	2		IIIc	36B-9	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-20	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-8	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-36	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-28	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-33	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-24	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-26	Uniface, unanalyzed	1
E40/S70	2		IIIc	36B-31	Uniface, unanalyzed	1
E40/S70	3		IIIc	36C-3	Biface Stage 1	1
E40/S70	3		IIIc	36C-6	Biface Stage 2	1
E40/S70	3		IIIc	36C-5	Biface Stage 2	1
E40/S70	3		IIIc	36C-8	Biface Stage 3	1
E40/S70	3		IIIc		Debitage	1674
E40/S70	3		IIIc	36C-4	Projectile point fragment	1
E40/S70	3		IIIc	36C-7	Projectile point fragment	1
E40/S70	3		IIIc	36C-9	Projectile point fragment	1
E40/S70	3		IIIc	36C-2	Projectile point, Marcos	1
E40/S70	3		IIIc	36C-1	Projectile point, Pedernales	1
E40/S70	3		IIIc	36C-10	Uniface, unanalyzed	1
E40/S70	4		IIIc	36D-4	Biface fragment	1
E40/S70	4		IIIc	36D-3	Burin	1
E40/S70	4		IIIc		Debitage	3287
E40/S70	4		IIIc	36D-8	Perforator Group 3	1
E40/S70	4		IIIc	36D-11	Perforator Group 7	1
E40/S70	4		IIIc	36D-7	Projectile point fragment	1
E40/S70	4		IIIc	36D-9	Projectile point fragment	1
E40/S70	4		IIIc	36D-1	Projectile point, Bulverde	1
E40/S70	4		IIIc	36D-2	Projectile point, Ensor	1
E40/S70	4		IIIc	36D-10	Uniface, unanalyzed	1
E40/S70	4		IIIc	36D-13	Uniface, unanalyzed	1
E40/S70	4		IIIc	36D-12	Uniface, unanalyzed	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E40/S70	4		IIIc	36D-14	Uniface, unanalyzed	1
E40/S70	4	Feature 120	IIIc	36D-26	Biface Stage 2	1
E40/S70	4	Feature 120	IIIc	36D-27	Biface Stage 2	1
E40/S70	4	Feature 120	IIIc	36D-23	Bifacial tool Form J	1
E40/S70	4	Feature 120	IIIc	36D-28	Core tool, type 2	1
E40/S70	4	Feature 120	IIIc		Debitage	1
E40/S70	4	Feature 120	IIIc	36D-21	Mano	1
E40/S70	4	Feature 120	IIIc	36D-20	Mano	1
E40/S70	4	Feature 120	IIIc	36D-17	Projectile point, Bulverde	1
E40/S70	4	Feature 120	IIIc	36D-16	Projectile point, Bulverde	1
E40/S70	4	Feature 120	IIIc	36D-19	Projectile point, Castroville	1
E40/S70	4	Feature 120	IIIc	36D-18	Projectile point, Edgewood	1
E40/S70	4	Feature 120	IIIc	36D-22	Projectile point, indeterminate	1
E40/S70	4	Feature 120	IIIc	36D-29	Thin uniface fragment	1
E40/S70	4	Feature 120	IIIc	36D-24	Uniface, unanalyzed	1
E40/S70	4	Feature 120	IIIc	36D-15	Uniface, unanalyzed	1
E40/S70	4	Feature 120	IIIc	36D-30	Unifacial multiple tool	1
E40/S70	5		IIIc	36E-10	Biface fragment	1
E40/S70	5		IIIc	36E-15	Biface fragment	1
E40/S70	5		IIIc	36E-12	Biface Stage 1	1
E40/S70	5		IIIc	36E-8	Biface Stage 2	1
E40/S70	5		IIIc	36E-9	Burin	1
E40/S70	5		IIIc	36E-31	Burin spall	1
E40/S70	5		IIIc	36E-25	Core fragment	1
E40/S70	5		IIIc		Debitage	1942
E40/S70	5		IIIc	36E-7	Mano fragment	1
E40/S70	5		IIIc	36E-11	Perforator Group 1	1
E40/S70	5		IIIc	36E-13	Projectile point fragment	1
E40/S70	5		IIIc	36E-14	Projectile point fragment	1
E40/S70	5		IIIc	36E-16	Projectile point, Castroville	1
E40/S70	5		IIIc	36E-1	Projectile point, Darl	1
E40/S70	5		IIIc	36E-2	Projectile point, Marcos	1
E40/S70	5		IIIc	36E-5	Projectile point, Montell	1
E40/S70	5		IIIc	36E-4	Projectile point, Montell	1
E40/S70	5		IIIc	36E-3	Projectile point, Montell	1
E40/S70	5		IIIc	36E-6	Projectile point, Nolan	1
E40/S70	5		IIIc	36E-23	Thin uniface	1
E40/S70	5		IIIc	36E-20	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-32	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-30	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-29	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-28	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-27	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-26	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-22	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-19	Uniface, unanalyzed	1
E40/S70	5		IIIc	36E-17	Unifacial multiple tool	1
E40/S70	6		IIIc	36F-9	Biface fragment	1
E40/S70	6		IIIc	36F-10	Biface Stage 1	1
E40/S70	6		IIIc	36F-8	Biface Stage 1	1
E40/S70	6		IIIc	36F-25	Biface Stage 2	1
E40/S70	6		IIIc	36F-7	Biface Stage 2	1
E40/S70	6		IIIc	36F-24	Bifacial tool Form H	1
E40/S70	6		IIIc		Debitage	2239
E40/S70	6		IIIc	36F-11	Projectile point fragment	1
E40/S70	6		IIIc	36F-1	Projectile point, Bulverde	1
E40/S70	6		IIIc	36F-3	Projectile point, Marshall	1
E40/S70	6		IIIc	36F-2	Projectile point, Pedernales	1
E40/S70	6		IIIc	36F-4	Projectile point, Pedernales	1
E40/S70	6		IIIc	36F-13	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-22	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-15	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-20	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-17	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-12	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-21	Uniface, unanalyzed	1
E40/S70	6		IIIc	36F-18	Unifacial multiple tool	1
E40/S70	6		IIIc	36F-19	Unifacial multiple tool	1
E40/S70	6	Feature 121	IIIc	36F-5	Biface Stage 3	1
E40/S70	6	Feature 121	IIIc	36F-23	Mano/hammerstone	1
E40/S70	6	Feature 121	IIIc	36F-6	Projectile point fragment	1
E40/S70	7		IIIb/c	36G-4	Biface Stage 1	1
E40/S70	7		IIIb/c	36G-5	Biface Stage 2	1
E40/S70	7		IIIb/c	36G-3	Biface Stage 2	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E40/S70	7		IIIb/c	36G-2	Bifacial tool Form A	1
E40/S70	7		IIIb/c	36G-7	Core, thermal	1
E40/S70	7		IIIb/c		Debitage	1815
E40/S70	7		IIIb/c	36G-10	Projectile point fragment	1
E40/S70	7		IIIb/c	36G-9	Projectile point fragment	1
E40/S70	7		IIIb/c	36G-1	Projectile point, Nolan	1
E40/S70	7		IIIb/c	36G-17	Thick uniface	1
E40/S70	7		IIIb/c	36G-18	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-21	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-19	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-15	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-14	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-12	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-16	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-20	Uniface, unanalyzed	1
E40/S70	7		IIIb/c	36G-11	Unifacial multiple tool	1
E40/S70	7		IIIb/c	36G-6	Unifacial multiple tool	1
E40/S70	7		IIIb/c	36G-8	Unifacial multiple tool	1
E40/S70	8		IIIb/c	36H-4	Biface fragment	1
E40/S70	8		IIIb/c	36H-2	Biface Stage 2	1
E40/S70	8		IIIb/c	36H-3	Biface Stage 2	1
E40/S70	8		IIIb/c		Debitage	278
E40/S70	8		IIIb/c	36H-6	Edge modified flake	1
E40/S70	8		IIIb/c	36H-5	Notched flake	1
E40/S70	8		IIIb/c	36H-8	Projectile point fragment	1
E40/S70	8		IIIb/c	36H-7	Projectile point, expanding stem A	1
E40/S70	8		IIIb/c	36H-1	Projectile point, Travis	1
E40/S70	8		IIIb/c	36H-12	Uniface, unanalyzed	1
E40/S70	8		IIIb/c	36H-9	Uniface, unanalyzed	1
E40/S70	9		IIIb/c	36I-3	Biface fragment	1
E40/S70	9		IIIb/c	36I-5	Biface Stage 1	1
E40/S70	9		IIIb/c	36I-6	Bifacial tool Form A	1
E40/S70	9		IIIb/c		Debitage	1143
E40/S70	9		IIIb/c	36I-10	Perforator Group 5	1
E40/S70	9		IIIb/c	36I-4	Piece esquillee	1
E40/S70	9		IIIb/c	36I-1	Projectile point fragment	1
E40/S70	9		IIIb/c	36I-2	Projectile point, expanding stem D	1
E40/S70	9		IIIb/c	36I-7	Uniface, unanalyzed	1
E40/S70	9		IIIb/c	36I-9	Unifacial multiple tool	1
E40/S70	10		IIIb	36J-3	Biface fragment	1
E40/S70	10		IIIb	36J-5	Biface fragment	1
E40/S70	10		IIIb	36J-4	Biface fragment	1
E40/S70	10		IIIb	36J-2	Biface Stage 3	1
E40/S70	10		IIIb		Debitage	1387
E40/S70	10		IIIb	36J-12	Microspur/microdenticulate	1
E40/S70	10		IIIb	36J-1	Projectile point, Martindale B	1
E40/S70	10		IIIb	36J-7	Thin uniface fragment	1
E40/S70	10		IIIb	36J-13	Uniface, unanalyzed	1
E40/S70	10		IIIb	36J-9	Uniface, unanalyzed	1
E40/S70	10		IIIb	36J-8	Uniface, unanalyzed	1
E40/S70	10		IIIb	36J-10	Uniface, unanalyzed	1
E40/S70	10		IIIb	36J-11	Uniface, unanalyzed	1
E40/S70	10		IIIb	36J-14	Unifacial multiple tool	1
E40/S70	11		IIIb		Debitage	646
E40/S70	11		IIIb	36K-3	Uniface, unanalyzed	1
E40/S70	11		IIIb	36K-5	Uniface, unanalyzed	1
E40/S70	12		IIIa/b	36L-1	Biface fragment	1
E40/S70	12		IIIa/b	36L-3	Biface fragment	1
E40/S70	12		IIIa/b	36L-2	Biface fragment	1
E40/S70	12		IIIa/b		Debitage	593
E40/S70	12		IIIa/b	36L-4	Perforator Unifacial	1
E40/S70	12		IIIa/b	36L-10	Retouched blade	1
E40/S70	12		IIIa/b	36L-5	Uniface, unanalyzed	1
E40/S70	12		IIIa/b	36L-8	Uniface, unanalyzed	1
E40/S70	13		IIIa	36M-5	Biface Stage 2	1
E40/S70	13		IIIa	36M-4	Biface Stage 3	1
E40/S70	13		IIIa		Debitage	964
E40/S70	13		IIIa	36M-6	Edge modified flake	1
E40/S70	13		IIIa	36M-8	Microspur/microdenticulate	1
E40/S70	13		IIIa	36M-1	Projectile point, Angostura	1
E40/S70	13		IIIa	36M-2	Projectile point, Baker	1
E40/S70	13		IIIa	36M-3	Projectile point, Hoxie	1
E40/S70	13		IIIa	36M-7	Uniface, unanalyzed	1
E40/S70	13		IIIa	36M-9	Unifacial multiple tool	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E40/S70	13		IIIa	36M-10	Worked hematite	1
E40/S70	14		IIIa	36N-11	Biface fragment	1
E40/S70	14		IIIa	36N-5	Biface Stage 2	1
E40/S70	14		IIIa	36N-6	Biface Stage 2	1
E40/S70	14		IIIa	36P-5	Burin spall	1
E40/S70	14		IIIa	36N-24	Burin spall	1
E40/S70	14		IIIa	36N-17	Burin spall	1
E40/S70	14		IIIa		Debitage	2115
E40/S70	14		IIIa	36N-10	Edge modified flake	1
E40/S70	14		IIIa	36N-27	Mano fragment	1
E40/S70	14		IIIa	36N-18	Microspur/microdenticulate	1
E40/S70	14		IIIa	36N-15	Microspur/microdenticulate	1
E40/S70	14		IIIa	36N-21	Microspur/microdenticulate	1
E40/S70	14		IIIa	36N-7	Perforator Group 1	1
E40/S70	14		IIIa	36N-26	Perforator Group 7	1
E40/S70	14		IIIa	36N-28	Possible ground stone	1
E40/S70	14		IIIa	36N-1	Projectile point fragment	1
E40/S70	14		IIIa	36N-4	Projectile point, bifurcate stem fragment	1
E40/S70	14		IIIa	36N-2	Projectile point, miscellaneous lanceolate	1
E40/S70	14		IIIa	36N-3	Projectile point, miscellaneous lanceolate	1
E40/S70	14		IIIa	36N-9	Thin uniface	1
E40/S70	14		IIIa	36N-23	Thin uniface	1
E40/S70	14		IIIa	36N-20	Thin uniface fragment	1
E40/S70	14		IIIa	36N-19	Thin uniface fragment	1
E40/S70	14		IIIa	36N-12	Uniface, unanalyzed	1
E40/S70	14		IIIa	36N-16	Uniface, unanalyzed	1
E40/S70	14		IIIa	36N-13	Uniface, unanalyzed	1
E40/S70	14		IIIa	36N-22	Uniface, unanalyzed	1
E40/S70	14		IIIa	36N-29	Worked hematite	1
E40/S70	15		IIIa	36O-9	Biface fragment	1
E40/S70	15		IIIa	36O-4	Biface Stage 2	1
E40/S70	15		IIIa	36O-3	Biface Stage 2	1
E40/S70	15		IIIa	36O-6	Burin spall	1
E40/S70	15		IIIa	36O-7	Burin spall	1
E40/S70	15		IIIa	36O-11	Clear Fork biface	1
E40/S70	15		IIIa	36O-10	Core tool, type 1	1
E40/S70	15		IIIa		Debitage	1727
E40/S70	15		IIIa	36O-16	Edge modified flake	1
E40/S70	15		IIIa	36O-15	Edge modified flake	1
E40/S70	15		IIIa	36O-12	Edge modified flake	1
E40/S70	15		IIIa	36O-13	Perforator Unifacial	1
E40/S70	15		IIIa	36O-5	Projectile point fragment	1
E40/S70	15		IIIa	36O-1	Projectile point, Hoxie B	1
E40/S70	15		IIIa	36O-8	Thin uniface fragment	1
E40/S70	15		IIIa	36O-18	Uniface, unanalyzed	1
E40/S70	15		IIIa	36O-14	Uniface, unanalyzed	1
E40/S70	15		IIIa	36O-21	Unifacial multiple tool	1
E40/S70	16		IIIa	36P-11	Biface fragment	1
E40/S70	16		IIIa	36P-12	Biface fragment	1
E40/S70	16		IIIa	36P-6	Burin spall	1
E40/S70	16		IIIa	36P-7	Clear Fork biface	1
E40/S70	16		IIIa		Debitage	654
E40/S70	16		IIIa	36P-1	Projectile point, miscellaneous lanceolate	1
E40/S70	16		IIIa	36P-13	Thin uniface fragment	1
E40/S70	16		IIIa	36P-8	Uniface, unanalyzed	1
E40/S70	16		IIIa	36P-9	Uniface, unanalyzed	1
E40/S70	16		IIIa	36P-10	Uniface, unanalyzed	1
E40/S70	16		IIIa	36P-2	Waco sinker	1
E40/S70	17		IIIa	36Q-7	Biface fragment	1
E40/S70	17		IIIa	36Q-4	Biface Stage 1	1
E40/S70	17		IIIa	36Q-6	Core fragment	1
E40/S70	17		IIIa		Debitage	487
E40/S70	17		IIIa	36Q-9	Microspur/microdenticulate	1
E40/S70	17		IIIa	36Q-1	Microspur/microdenticulate	1
E40/S70	17		IIIa	36Q-10	Thin uniface fragment	1
E40/S70	17		IIIa	36Q-2	Uniface, unanalyzed	1
E40/S70	17		IIIa	36Q-3	Uniface, unanalyzed	1
E40/S70	17		IIIa	36Q-5	Uniface, unanalyzed	1
E40/S70	18		II/IIIa	36R-4	Biface fragment	1
E40/S70	18		II/IIIa	36R-5	Biface fragment	1
E40/S70	18		II/IIIa	36R-2	Biface Stage 2	1
E40/S70	18		II/IIIa	36R-3	Biface Stage 3	1
E40/S70	18		II/IIIa		Debitage	476
E40/S70	18		II/IIIa	36R-11	Denticulated flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
E40/S70	18		II/IIIa	36R-9	Projectile point, miscellaneous lanceolate	1
E40/S70	18		II/IIIa	36R-1	Projectile point, St. Mary's Hall	1
E40/S70	18		II/IIIa	36R-8	Uniface, unanalyzed	1
E40/S70	18		II/IIIa	36R-6	Uniface, unanalyzed	1
E40/S70	18		II/IIIa	36R-7	Uniface, unanalyzed	1
E40/S70	18		II/IIIa	36R-12	Unifacial multiple tool	1
E40/S70	19		II/IIIa	36S-1	Biface Stage 2	1
E40/S70	19		II/IIIa	36S-2	Biface Stage 2	1
E40/S70	19		II/IIIa		Debitage	230
E40/S70	19		II/IIIa	36S-3	Perforator Group 4	1
E40/S70	19		II/IIIa	36S-4	Thin uniface	1
E40/S70	19		II/IIIa	36S-8	Uniface, unanalyzed	1
E40/S70	19		II/IIIa	36S-5	Uniface, unanalyzed	1
E40/S70	20		II/IIIa		Debitage	147
E40/S70	20		II/IIIa	36T-5	Thin uniface	1
E40/S70	20		II/IIIa	36T-3	Uniface, unanalyzed	1
E40/S70	20		II/IIIa	36T-1	Uniface, unanalyzed	1
E40/S70	20		II/IIIa	36T-2	Unifacial multiple tool	1
E40/S70	21		II		Debitage	93
E40/S70	22		I/II		Debitage	58
E40/S70	22		I/II	36V-1	Thin uniface	1
E40/S70	23		I		Debitage	27
E40/S70	23		I	36W-1	Mano	1
E40/S70	23	Feature 154	I		Debitage	3
E40/S70	24		I		Debitage	17
E40/S70	24		I	36X-1	Uniface, unanalyzed	1
E40/S70	24	Feature 154	I		Debitage	11
E40/S70	25		I		Debitage	11
E40/S70	25	Feature 154	I		Debitage	1
E40/S70	26		I		Debitage	5
E40/S70	26	Feature 154	I		Debitage	1
E40/S70	27		I		Debitage	4
E40/S70	28		I	36BBD-1	Biface Stage 1	1
E40/S70	28		I		Debitage	12
E40/S70	29		I		Debitage	7
E40/S70	30A-B		I		Debitage	2
E40/S70	31A-B		I		Debitage	2
E40/S70	31A-B		I	36EE1&2D-1	Uniface, unanalyzed	1
E40/S70	34		I		Debitage	3
E40/S70	38		I		Debitage	3
E40/S70	39		I		Debitage	2
E40/S70	Unknown			36*-15	Biface fragment	1
E40/S70	Unknown			36*-7	Biface fragment	1
E40/S70	Unknown			36*-6	Biface fragment	1
E40/S70	Unknown			36*-10	Biface Stage 1	1
E40/S70	Unknown			36*-4	Biface Stage 2	1
E40/S70	Unknown			36*-5	Biface Stage 2	1
E40/S70	Unknown			36*-9	Biface Stage 2	1
E40/S70	Unknown			36*-3	Biface Stage 3	1
E40/S70	Unknown			36*-11	Burin spall	1
E40/S70	Unknown			36*-1	Mano	1
E40/S70	Unknown			36*-2	Mano fragment	1
E40/S70	Unknown			36*-12	Projectile point fragment	1
E40/S70	Unknown			36*-17	Projectile point, Bulverde	1
E40/S70	Unknown			36*-18	Projectile point, Marcos	1
E40/S70	Unknown			36*-19	Projectile point, Marcos	1
E40/S70	Unknown			36*-23	Projectile point, Montell	1
E40/S70	Unknown			36*-20	Projectile point, Nolan	1
E40/S70	Unknown			36*-21	Projectile point, Pedernales	1
E40/S70	Unknown			36*-14	Uniface, unanalyzed	1
E40/S70	Unknown			36*-13	Uniface, unanalyzed	1
E40/S70	Unknown			36*-16	Uniface, unanalyzed	1
E40/S70	Unknown			36*-8	Unifacial multiple tool	1
Test Pit 1	1		Unknown	TP1A-5	Biface fragment	1
Test Pit 1	1		Unknown	TP1A-1	Biface fragment	1
Test Pit 1	1		Unknown		Debitage	328
Test Pit 1	1		Unknown	TP1A-4	Edge modified flake	1
Test Pit 1	1		Unknown	TP1A-2	Edge modified flake	1
Test Pit 1	1		Unknown	TP1A-3	Edge modified flake	1
Test Pit 1	2		Unknown		Debitage	79
Test Pit 1	3		Unknown		Debitage	16
Test Pit 1	5		Unknown		Debitage	17
Test Pit 1	6		Unknown		Debitage	10
Test Pit 1	6		Unknown	TP1F-1	Edge modified flake	1

Square	Level	Feature	Strata	Item	Analyst Identification	Count
Test Pit 1	7		Unknown		Debitage	44
Test Pit 1	7		Unknown	TP1G-1	Edge modified flake	1
Test Pit 1	9		Unknown		Debitage	48
Test Pit 1	10		Unknown		Debitage	23
Test Pit 2	1		Unknown		Debitage	141
Test Pit 2	2		Unknown	TP2B-1	Biface fragment	1
Test Pit 2	2		Unknown		Debitage	99
Test Pit 2	2		Unknown	TP2B-4	Edge modified flake	1
Test Pit 2	3		Unknown		Debitage	104
Test Pit 2	4		Unknown		Debitage	106
Test Pit 2	5		Unknown		Debitage	37
Test Pit 2	6		Unknown		Debitage	3
Test Pit 3	1		Unknown		Debitage	20
Test Pit 3	1		Unknown	TP3A-1	Edge modified flake	1
Test Pit 3	2		Unknown	TP3B-5	Biface fragment	1
Test Pit 3	2		Unknown	TP3B-2	Biface Stage 3	1
Test Pit 3	2		Unknown		Debitage	187
Test Pit 3	2		Unknown	TP3B-3	Edge modified flake	1
Test Pit 3	2		Unknown	TP3B-6	Edge modified flake	1
Test Pit 3	2		Unknown	TP3B-1	Projectile point, Ensor	1
Test Pit 3	3		Unknown	TP3C-9	Biface Stage 2	1
Test Pit 3	3		Unknown		Debitage	295
Test Pit 3	3		Unknown	TP3C-4	Edge modified flake	1
Test Pit 3	3		Unknown	TP3C-2	Edge modified flake	1
Test Pit 3	3		Unknown	TP3C-3	Edge modified flake	1
Test Pit 3	3		Unknown	TP3C-6	Projectile point fragment	1
Test Pit 3	3		Unknown	TP3C-7	Projectile point fragment	1
Test Pit 3	3		Unknown	TP3C-8	Projectile point, Ensor/Fairland	1
Test Pit 3	4		Unknown	TP3D-4	Biface Stage 2	1
Test Pit 3	4		Unknown		Debitage	251
Test Pit 3	4		Unknown	TP3D-5	Edge modified flake	1
Test Pit 3	4		Unknown	TP3D-3	Projectile point fragment	1
Test Pit 3	4		Unknown	TP3D-1	Projectile point, Ensor	1
Test Pit 3	4		Unknown	TP3D-2	Projectile point, Fairland	1
Test Pit 3	5		Unknown	TP3E-3	Biface Stage 2	1
Test Pit 3	5		Unknown	TP3E-2	Biface Stage 2	1
Test Pit 3	5		Unknown		Debitage	220
Test Pit 3	5		Unknown	TP3E-4	Edge modified flake	1
Test Pit 3	5		Unknown	TP3C-1	Edge modified flake	1
Test Pit 3	5		Unknown	TP3E-5	Edge modified flake	1
Test Pit 3	5		Unknown	TP3E-7	Mano	1
Test Pit 3	5		Unknown	TP3E-1	Projectile point, Fairland	1
Test Pit 3	5		Unknown	TP3E-6	Unifacial multiple tool	1
Test Pit 3	6		Unknown	TP3F-2	Biface Stage 3	1
Test Pit 3	6		Unknown		Debitage	141
Test Pit 3	6		Unknown	TP3F-1	Projectile point fragment	1
Test Pit 3	7		Unknown		Debitage	144
Test Pit 3	7		Unknown	TP3G-3	Edge modified flake	1
Test Pit 3	7		Unknown	TP3G-2	Edge modified flake	1
Test Pit 3	7		Unknown	TP3G-4	Edge modified flake	1
Test Pit 3	7		Unknown	TP3G-1	Projectile point, indeterminate	1
Test Pit 3	8		Unknown		Debitage	55
Test Pit 3	8		Unknown	TP3H-1	Edge modified flake	1
Test Pit 3	9		Unknown		Debitage	26
Trench 1				TR1-127	Projectile point, Nolan	1
Trench 2		Feature 172		TR2-62	Projectile point, beveled narrow stemmed	1
Unknown				0-244	Perforator Group 7	1
Unknown				0-143	Projectile point, Gower/Uvalde	1
Unknown				0-245	Worked hematite	1
Unknown		Feature 104			Debitage	145
Unknown		Feature 104		0-164	Edge modified flake	1

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