# Caddo Pottery Vessels and Pipes from Sites in the Big Cypress, Sulphur, Neches-Angelina, and Middle Sabine River Basins in the Turner and Johns Collections, Camp, Cass, Cherokee, Harrison, Morris, Titus, and Upshur Counties, Texas and Sabine Parish, Louisiana

*Timothy K. Perttula, Mark Walters, and Bo Nelson*

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# Table of Contents


List of Figures iv

List of Tables xxvii

Acknowledgments xxix

Introduction 1

Documentation Efforts 1

Methods of Vessel Analysis 2

Archeological Context of the Sites 5

Big Cypress Creek Basin Sites 7

- Vessel Recordation Forms, G. W. Rumsey Site (41CP3) 11
- Vessel Recordation Forms, Tuck Carpenter Site (41CP5) 62
- Vessel Recordation Forms, Harold Williams (41CP10) 252
- Vessel Recordation Forms, Possibly Albert Hilton Farm (Harold Williams Site), Camp County 272
- Vessel Recordation Forms, B. J. Horton Site (41CP20) 275
- Vessel Recordation Forms, Pug Wilson Site (41CP76) 303
- Vessel Recordation Forms, Cecil Guest Site (41CP78) 305
- Vessel Recordation Form, Boyd Farm, Camp County 323
- Vessel Recordation Forms, Lineburger Site (41CP493), Camp County 324
- Vessel Recordation Forms, Avinger Rest Stop/Carol Owens Site (41CS132), Cass County, Texas 326
- Vessel Recordation Forms, Unknown Site near Harleton, Lake O' the Pines, Harrison County, Texas 328
- Vessel Recordation Forms, Lone Star Lake Site (41MX65) 329
- Vessel Recordation Forms, Keith Site (41TT11) 366
- Vessel Recordation Forms, Alex Justiss Site (41TT13) 374
- Vessel Recordation Forms, Graydon Adkins, Site 2 (41UR17) 380
- Vessel Recordation Forms, Graydon Adkins, Site 1 (41UR21) 390
- Vessel Recordation Forms, Keeling Site, Upshur County, Texas 393
- Vessel Recordation Forms, Moughon Site, Upshur County, Texas 425

Sulphur River Basin Site 427

- Vessel Recordation Form, Red Martin, Cass County, Texas 427

## Table of Contents, cont.


Neches-Angelina River Basin Sites 428

Vessel Recordation Forms, Unknown Cherokee County Site 428
Vessel Recordation Forms, Deshazo Site (41NA27) 431
Vessel Recordation Forms, Stephens Farm Site (41NA202) 443
Vessel Recordation Form, Indian Creek Site, Nacogdoches County, Texas 449

Sabine River Basin Site 450

Vessel Recordation Form, Bison, Area B (16SA30/X16SA4) 451

Pottery Vessel Comparisons and Ceramic Traditions 452

Vessel Forms 452
Vessel Sizes 454
Rim and Lip Form 457
Temper and Paste 461
Firing Conditions 463
Decorative Methods 466

Fine Wares 466
Utility Wares 471

Lip Notching 481
Pigments 482

Pipes 485

Platform pipes 485
Elbow pipes 486

Large Chipped Bifaces 487

Conclusions 488

References Cited 490

# List of Figures

Figure 1. Locations of counties and parishes in East Texas and Northwest Louisiana that have sites represented in the Robert L. Turner, Jr. and Tommy Johns collections. Drawn by Sandra Hannum.

Figure 2. Defined varieties of Ripley Engraved and other engraved motifs on carinated bowls and compound bowls: a, *var. McKinney*; b, *var. Gandy*; c, *var. Galt*; d, *var. Caldwell*; e, *var. Cash*; f, *var. Carpenter*; g, *var. Pilgrims*; h, *var. Williams*; i, *var. Reed*; j, horizontal diamond, *var. unspecified*; k, interlocking diamond, *var. unspecified*.

Figure 3. Ripley Engraved, *var. Ripley* bottle motifs.

Figure 4. Wilder Engraved, *var. Wilder* bottle motifs, and *var. unspecified* motifs: a-c, Wilder Engraved, *var. Wilder*; d, Wilder Engraved, *var. unspecified*.

Figure 5. Turner Engraved and defined varieties: a-b, Turner Engraved, *var. Turner*; c-d, Turner Engraved, *var. Horton*.

Figure 6. Location of sites with documented vessel collections in the Big Cypress Creek basin in Northeast Texas: 1, Tuck Carpenter; 2, Johns; 3, Harold Williams; 4, Guest; 5, Horton; 6, Alex Justiss; 7, Keith; 8, Lone Star Lake; 9, Rumsey; 10, Keeling; 11, Moughon; 12, Graydon Adkins #1; 13, Graydon Adkins #2; 14, Lineburger;15, Pug Wilson; and 16, Patton.

Figure 7. cf. Bullard Brushed jar from the Rumsey site, Vessel 12.

Figure 8. Punctated-appliqued-brushed jar, Rumsey site, Vessel 13.

Figure 9. Brushed-punctated jar, Rumsey site, Vessel 14.

Figure 10. Wilder Engraved, *var. Wilder* bottle, Rumsey site, Vessel 15.

Figure 11. cf. Maydelle Incised or Canton Incised jar, Rumsey site, Vessel 16.

Figure 12. Ripley Engraved, *var. Pilgrims* bowl, Rumsey site, Vessel 17.

Figure 13. Punctated jar, Rumsey site, Vessel 18.

Figure 14. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Rumsey site, Vessel 19a.

Figure 15. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Rumsey site, Vessel 19b.

Figure 16. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Rumsey site, Vessel 21.

## List of Figures, cont.

Figure 17. La Rue Neck Banded jar, Rumsey site, Vessel 22.

Figure 18. Incised-punctated jar, Rumsey site, Vessel 23.

Figure 19. Wilder Engraved, *var. Wilder* bottle, Rumsey site, Vessel 24.

Figure 20. Taylor Engraved bottle, Rumsey site, Vessel 25.

Figure 21. Engraved bottle of undetermined type, Rumsey site, Vessel 26.

Figure 22. Plain bottle, Rumsey site, Vessel 27.

Figure 23. Wilder Engraved, *var. Wilder* bottle, Rumsey site, Vessel 28.

Figure 24. Taylor Engraved bottle, Rumsey site, Vessel 29.

Figure 25. cf. Dunkin Incised jar, Rumsey site, Vessel 30.

Figure 26. cf. Mockingbird Punctated jar, Rumsey site, Vessel 31.

Figure 27. Interior engraved bowl, Rumsey site, Vessel 32.

Figure 28. Unidentified engraved bottle, Rumsey site, Vessel 33.

Figure 29. Ripley Engraved, *var. unspecified* compound bowl, Rumsey site, Vessel 34.

Figure 30. cf. Cass Appliqued jar, Rumsey site, Vessel 35.

Figure 31. Incised-punctated jar, Rumsey site, Vessel 36.

Figure 32. Miniature incised carinated bowl, Rumsey site, Vessel 37.

Figure 33. Plain bowl from the Rumsey site, Vessel 40.

Figure 34. Plain carinated bowl, Rumsey site, Vessel 41.

Figure 35. Punctated-appliqued compound bowl, Rumsey site, Vessel 42.

Figure 36. cf. Belcher Engraved, *var. Belcher* carinated bowl, Rumsey site, Vessel 43.

Figure 37. Unidentified engraved compound bowl, Rumsey site, Vessel 45a.

Figure 38. Engraved jar of unknown type, Rumsey site, Vessel 45b.

## List of Figures, cont.

Figure 39. Incised-punctated deep bowl, Rumsey site, Vessel 46.

Figure 40. Harleton Appliqued jar, Rumsey site, Vessel 47.

Figure 41. Ripley Engraved, *var. unspecified* carinated bowl, Rumsey site, Vessel 49.

Figure 42. Incised jar, Rumsey site, Vessel 50.

Figure 43. Taylor Engraved carinated bowl, Rumsey site, Vessel 51.

Figure 44. Maydelle Incised jar, Rumsey site, Vessel 52.

Figure 45. Punctated-incised jar, Rumsey site, Vessel 53.

Figure 46. Ripley Engraved, *var. McKinney* carinated bowl, Rumsey site, Vessel 54a.

Figure 47. Brushed-punctated jar, Rumsey site, Vessel 54b.

Figure 48. cf. Karnack Brushed-Incised jar, Rumsey site, Vessel 55.

Figure 49. Red-slipped bowl, Rumsey site, Vessel 56.

Figure 50. Ripley Engraved, *var. Gandy* carinated bowl, Rumsey site, Vessel 57.

Figure 51. cf. Killough Pinched bowl, Rumsey site, Vessel 58.

Figure 52. Wilder Engraved, *var. Wilder* bowl, Rumsey site, Vessel 59.

Figure 53. cf. Hood Engraved effigy bowl, Rumsey site, Vessel 60.

Figure 54. Ripley Engraved, *var. unspecified* bottle, Rumsey site, Vessel 61.

Figure 55. Ripley Engraved, *var. Carpenter* carinated bowl, Rumsey site, Vessel 62.

Figure 56. Ripley Engraved, *var. Galt* compound bowl, Rumsey site, Vessel 63.

Figure 57. Ripley Engraved, *var. Carpenter* carinated bowl rim sherds, Rumsey site, Vessel 64.

Figure 58. Cass Appliqued jar, Tuck Carpenter site, Burial 1, Pot 2.

Figure 59. Ripley Engraved, *var. unspecified* carinated bowl rim sherds, Burial 1, Pot 4, Tuck Carpenter site.

## List of Figures, cont.

Figure 60. Ripley Engraved, *var. Galt* carinated bowl, Burial 1, Pot 6, Tuck Carpenter site.

Figure 61. Ripley Engraved, *var. Cash* compound bowl, Burial 2, Pot 2, Tuck Carpenter site.

Figure 62. Incised-punctated-brushed jar, Burial 2, Pot 3, Tuck Carpenter site.

Figure 63. Appliqued jar, Burial 2, Pot 4, Tuck Carpenter site.

Figure 64. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Burial 2, Pot 5, Tuck Carpenter site.

Figure 65. Wilder Engraved, *var. Wilder* bottle, Burial 2, Pot 11, Tuck Carpenter site.

Figure 66. Plain jar, Burial 3, Pot 2, Tuck Carpenter site.

Figure 67. Ripley Engraved, *var. McKinney* carinated bowl, Burial 3, Pot 3, Tuck Carpenter site.

Figure 68. Ripley Engraved, *var. unspecified* carinated bowl, Burial 3, Pot 5, Tuck Carpenter site.

Figure 69. Ripley Engraved, *var. Galt* carinated bowl, Burial 3, Pot 6, Tuck Carpenter site.

Figure 70. Hood Engraved effigy bowl, Burial 4, Pot 1, Tuck Carpenter site.

Figure 71. Incised-punctated jar, Burial 4, Pot 2, Tuck Carpenter site.

Figure 72. Ripley Engraved, *var. Galt* compound bowl, Burial 4, Pot 6, Tuck Carpenter site.

Figure 73. Ripley Engraved, *var. unspecified* carinated bowl, Burial 4, Pot 7, Tuck Carpenter site.

Figure 74. Ripley Engraved, *var. Gandy* carinated bowl, Burial 4, Pot 8, Tuck Carpenter site.

Figure 75. La Rue Neck Banded jar, Burial 5, Pot 2, Tuck Carpenter site.

Figure 76. Incised jar, Burial 5, Pot 5, Tuck Carpenter site.

Figure 77. Ripley Engraved, *var. unspecified* bottle, Burial 5, Pot 6, Tuck Carpenter site.

## List of Figures, cont.

Figure 78. cf. Pease Brushed-Incised jar, Burial 6, Pot 1, Tuck Carpenter site.

Figure 79. Ripley Engraved, *var*. *Carpenter* carinated bowl rim sherd, Burial 6, Pot 2, Tuck Carpenter site.

Figure 80. Brushed-punctated jar, Burial 6, Pot 3, Tuck Carpenter site.

Figure 81. Ripley Engraved, *var*. *Carpenter* compound bowl, Burial 6, Pot 7, Tuck Carpenter site.

Figure 82. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 6, Pot 8, Tuck Carpenter site.

Figure 83. Ripley Engraved, *var*. *Carpenter* carinated bowl rim sherds, Burial 7, Pot 3, Tuck Carpenter site.

Figure 84. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 7, Pot 5, Tuck Carpenter site.

Figure 85. Engraved compound bowl of unidentified type, Burial 7, Pot 8, Tuck Carpenter site.

Figure 86. Moore Noded bowl, Burial 7, Pot 9, Tuck Carpenter site.

Figure 87. Ripley Engraved, *var*. *unspecified* bottle, Burial 7, Pot 10, Tuck Carpenter site.

Figure 88. Engraved carinated bowl of unknown type, Burial 8, Pot 1, Tuck Carpenter site.

Figure 89. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 8, Pot 3, Tuck Carpenter site.

Figure 90. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 8, Pot 6, Tuck Carpenter site.

Figure 91. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 8, Pot 8, Tuck Carpenter site.

Figure 92. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 9, Pot 5, Tuck Carpenter site.

Figure 93. Ripley-Wilder Engraved compound vessel, Burial 9, Pot 6, Tuck Carpenter site.

## List of Figures, cont.

Figure 94. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 9, Pot 8, Tuck Carpenter site.

Figure 95. Ripley Engraved, *var. McKinney* carinated bowl, Burial 10, Pot 2, Tuck Carpenter site.

Figure 96. Incised-punctated bowl, Burial 10, Pot 3, Tuck Carpenter site.

Figure 97. Maydelle Incised jar, Burial 11, Pot 2, Tuck Carpenter site.

Figure 98. Harleton Appliqued jar, Burial 11, Pot 4, Tuck Carpenter site.

Figure 99. Engraved jar of unknown type, Burial 11, Pot 6, Tuck Carpenter site.

Figure 100. Moore Noded bowl, Burial 11, Pot 8, Tuck Carpenter site. Note evidence of the attachment for the larger appliqued node, which subsequently fell off the vessel.

Figure 101. Ripley Engraved, *var. Gandy* carinated bowl, Burial 12, Pot 2, Tuck Carpenter site.

Figure 102. Ripley Engraved, *var. unspecified* carinated bowl, Burial 12, Pot 5, Tuck Carpenter site.

Figure 103. Ripley Engraved, *var. Ripley* engraved bottle, Burial 12, Pot 6, Tuck Carpenter site.

Figure 104. cf. Bullard Brushed rim and body sherd, Burial 12, Tuck Carpenter site.

Figure 105. Incised-punctated jar, Burial 13, Pot 2, Tuck Carpenter site.

Figure 106. Ripley Engraved, *var. Galt* carinated bowl, Burial 14, Pot 3, Tuck Carpenter site.

Figure 107. Brushed jar, Burial 14, Pot 5, Tuck Carpenter site.

Figure 108. Plain bottle, Burial 15, Pot 2, Tuck Carpenter site.

Figure 109. Punctated-incised-appliqued jar, Burial 15, Pot 4, Tuck Carpenter site.

Figure 110. Ripley Engraved, *var. Williams* carinated bowl rim sherds, Burial 15, Pot 7, Tuck Carpenter site.

Figure 111. Ripley Engraved, *var. unspecified* carinated bowl, Burial 15, Pot 8, Tuck Carpenter site.

## List of Figures, cont.

Figure 112. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 16, Pot 2, Tuck Carpenter site.

Figure 113. Ripley Engraved, *var*. *Caldwell* carinated bowl, Burial 16, Pot 7, Tuck Carpenter: a, side view of vessel; b, top view of the Redwine mode lip.

Figure 114. cf. Mockingbird Punctated jar, Burial 16, Pot 9, Tuck Carpenter site.

Figure 115. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 17, Pot 1, Tuck Carpenter site.

Figure 116. cf. McKinney Plain jar, Burial 17, Pot 2, Tuck Carpenter site.

Figure 117. Johns Engraved bowl, Burial 17, Pot 7, Tuck Carpenter site.

Figure 118. Ripley Engraved, *var*. *unspecified* carinated bowl, Burial 18, Pot 1, Tuck Carpenter site.

Figure 119. Brushed-punctated jar rim and body sherds, Burial 19, Pot 2, Tuck Carpenter site.

Figure 120. Cass Appliqued jar, Burial 19, Pot 3, Tuck Carpenter site.

Figure 121. Ripley Engraved, *var*. *McKinney* carinated bowl, Burial 19, Pot 4, Tuck Carpenter site.

Figure 122. Wilder Engraved, *var*. *Wilder* bottle, Burial 19, Pot 10b, Tuck Carpenter site.

Figure 123. Wilder Engraved, *var*. *Wilder* bottle, Burial 19, Pot 11, Tuck Carpenter site.

Figure 124. Brushed-punctated-appliqued jar, Burial 20, Pot 1, Tuck Carpenter site.

Figure 125. cf. Harleton Appliqued jar, Burial 20, Pot 2, Tuck Carpenter site.

Figure 126. cf. Maydelle Incised jar, Burial 20, Pot 4, Tuck Carpenter site.

Figure 127. Incised-punctated jar rim sherds, Burial 21, Pot 2, Tuck Carpenter site.

Figure 128. Bullard Brushed jar, Burial 21, Pot 3, Tuck Carpenter site.

Figure 129. Ripley Engraved, *var*. *Gandy* carinated bowl, Burial 21, Pot 11a, Tuck Carpenter site.

## List of Figures, cont.

Figure 130. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 21, Pot 11b, Tuck Carpenter site.

Figure 131. Ripley Engraved, *var. unspecified* carinated bowl, Burial 21, Pot 12, Tuck Carpenter site.

Figure 132. Ripley Engraved, *var. Gandy* carinated bowl, Burial 21, Pot 13, Tuck Carpenter site.

Figure 133. Ripley Engraved, *var. unspecified* compound bowl, Burial 21, Pot 14, Tuck Carpenter site.

Figure 134. Punctated-incised jar, Burial 21, Pot 15, Tuck Carpenter site.

Figure 135. Ripley Engraved, *var. Ripley* bottle, Burial 21, Pot 16, Tuck Carpenter site.

Figure 136. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 22, Pot 4, Tuck Carpenter site.

Figure 137. Turner Engraved, *var. Turner* compound bowl, Burial 22, Pot 5, Tuck Carpenter site.

Figure 138. Ripley Engraved, *var. Cash* compound bowl, Burial 22, Pot 8, Tuck Carpenter site.

Figure 139. Incised-punctated jar, Burial 22, Pot 9, Tuck Carpenter site.

Figure 140. Wilder Engraved, *var. Wilder* jar, Burial 22, Pot 11, Tuck Carpenter site.

Figure 141. Engraved compound bowl of unknown type, Burial 23, Pot 2, Tuck Carpenter site.

Figure 142. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 23, Pot 3, Tuck Carpenter site.

Figure 143. Incised-punctated-brushed jar, Burial 23, Pot 4, Tuck Carpenter site.

Figure 144. Ripley Engraved, *var. Galt* jar, Burial 23, Pot 5, Tuck Carpenter site.

Figure 145. Ripley Engraved, *var. Galt* compound bowl, Burial 23, Pot 6, Tuck Carpenter site.

Figure 146. cf. Ripley Engraved, *var. Gandy* carinated bowl rim sherds, Burial 23, Pot 7, Tuck Carpenter site.

## List of Figures, cont.

Figure 147. Ripley Engraved, *var*. *Reed* carinated bowl, Burial 23, Pot 8, Tuck Carpenter site.

Figure 148. Red-slipped bottle, Burial 23, Pot 9, Tuck Carpenter site.

Figure 149. La Rue Neck Banded jar, Burial 23, Pot 11, Tuck Carpenter site.

Figure 150. Punctated-appliqued-incised jar, Burial 24, Pot 2, Tuck Carpenter site.

Figure 151. cf. Ripley Engraved, *var*. *Gandy* carinated bowl, Burial 24, Pot 4, Tuck Carpenter site.

Figure 152. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 24, Pot 6, Tuck Carpenter site.

Figure 153. Ripley Engraved, *var*. *Carpenter* compound bowl rim sherds, Burial 24, Pot 8, Tuck Carpenter site.

Figure 154. Wilder Engraved, *var*. *unspecified* bottle, Burial 25, Pot 3, Tuck Carpenter site.

Figure 155. Turner Engraved, *var*. *Turner* compound bowl, Burial 25, Pot 4, Tuck Carpenter site.

Figure 156. Ripley Engraved, *var*. *Galt* compound bowl, Burial 25, Pot 6, Tuck Carpenter site.

Figure 157. Ripley Engraved, *var*. *unspecified* compound bowl, Burial 26, Pot 2: a, upper rim panel; b, lower rim panel sherds.

Figure 158. Bullard Brushed jar, Burial 26, Pot 3, Tuck Carpenter site.

Figure 159. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 26, Pot 4, Tuck Carpenter site.

Figure 160. Punctated jar, Burial 26, Pot 6, Tuck Carpenter site.

Figure 161. Punctated-incised-brushed jar, Burial 26, Pot 7, Tuck Carpenter site.

Figure 162. Bullard Brushed jar, Burial 26, Pot 8, Tuck Carpenter site.

Figure 163. Ripley Engraved, *var*. *Galt* compound bowl, Burial 27, Pot 2, Tuck Carpenter site.

## List of Figures, cont.

Figure 164. Engraved carinated bowl of unknown type, Burial 27, Pot 3, Tuck Carpenter site.

Figure 165. Harleton Appliqued jar, Burial 27, Pot 5, Tuck Carpenter site.

Figure 166. Harleton Appliqued jar, Burial 27, Pot 7, Tuck Carpenter site.

Figure 167. Ripley Engraved, *var. Gandy* carinated bowl rim sherds, Burial 27, Pot 9, Tuck Carpenter site.

Figure 168. cf. Ripley Engraved, *var. Williams* compound bowl, Burial 29, Pot 1, Tuck Carpenter site.

Figure 169. Red-slipped bottle, Burial 29, Pot 6, Tuck Carpenter site.

Figure 170. Turner Engraved, *var. Turner* compound bowl, Burial 29, Pot 7, Tuck Carpenter site.

Figure 171. Ripley Engraved, *var. Gandy* compound bowl, Burial 29, Pot 8, Tuck Carpenter site.

Figure 172. Ripley Engraved, *var. unspecified* carinated bowl, Burial 30, Pot 2, Tuck Carpenter site.

Figure 173. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 30, Pot 8, Tuck Carpenter site.

Figure 174. Cass Appliqued jar, Burial 30, Pot 10, Tuck Carpenter site.

Figure 175. Plain carinated bowl, Burial 30, Pot 11, Tuck Carpenter site.

Figure 176. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Burial 31, Pot 3, Tuck Carpenter site.

Figure 177. Wilder Engraved, *var. Wilder* bottle, Burial 31, Pot 8, Tuck Carpenter site.

Figure 178. Turner Engraved, *var. Turner* compound bowl, Burial 32, Pot 1, Tuck Carpenter site.

Figure 179. Ripley Engraved, *var. Galt* carinated bowl, Burial 32, Pot 2, Tuck Carpenter site.

Figure 180. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 32, Pot 3, Tuck Carpenter site.

## List of Figures, cont.

Figure 181. cf. Ripley Engraved, *var. McKinney* carinated bowl, Burial 32, Pot 4, Tuck Carpenter site.

Figure 182. Mockingbird Punctated jar, Burial 32, Pot 5, Tuck Carpenter site.

Figure 183. Wilder Engraved-Cass Appliqued compound vessel, Burial 32, Pot 6, Tuck Carpenter site.

Figure 184. cf. Mockingbird Punctated jar, Burial 32, Pot 7, Tuck Carpenter site.

Figure 185. Engraved effigy bowl of unknown type, Burial 33, Pot 1, Tuck Carpenter site.

Figure 186. Plain bowl, Burial 33, Pot 2, Tuck Carpenter site.

Figure 187. Ripley Engraved, *var. unspecified* jar, Burial 33, Pot 3, Tuck Carpenter site.

Figure 188. Simms Engraved carinated bowl, Burial 33, Pot 4, Tuck Carpenter site.

Figure 189. Ripley Engraved, *var. Galt* carinated bowl, Burial 33, Pot 5, Tuck Carpenter site.

Figure 190. Ripley Engraved, *var. McKinney* carinated bowl, Burial 33, Pot 7, Tuck Carpenter site.

Figure 191. Wilder Engraved, *var. Wilder* bottle, Burial 33, Pot 8, Tuck Carpenter site.

Figure 192. cf. Turner Engraved, *var. Turner* chalice, Burial 33, Pot 9, Tuck Carpenter site.

Figure 193. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 33, Pot 10, Tuck Carpenter site.

Figure 194. Ripley Engraved, *var. unspecified* carinated bowl, Burial 33, Pot 11, Tuck Carpenter site.

Figure 195. Ripley Engraved, *var. McKinney* carinated bowl, Burial 33, Pot 12, Tuck Carpenter site.

Figure 196. Ripley Engraved, *var. McKinney* carinated bowl, Burial 34, Pot 5, Tuck Carpenter site.

Figure 197. Punctated-incised jar, Burial 34, Pot 6, Tuck Carpenter site.

## List of Figures, cont.

Figure 198. Ripley Engraved, *var. McKinney* carinated bowl, Burial 34, Pot 7, Tuck Carpenter site.

Figure 199. Harleton Appliqued jar, Burial 35, Pot 2, Tuck Carpenter site.

Figure 200. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 36, Pot 4, Tuck Carpenter site.

Figure 201. Ripley Engraved, *var. unspecified* carinated bowl, Burial 36, Pot 5, Tuck Carpenter site.

Figure 202. Wilder Engraved, *var. unspecified* jar, Burial 36, Pot 7, Tuck Carpenter site.

Figure 203. Horizontal engraved jar, Burial 36, Pot 9, Tuck Carpenter site.

Figure 204. Bullard Brushed jar, Burial 36, Pot 10, Tuck Carpenter site.

Figure 205. Wilder Engraved, *var. unspecified* bottle, Burial 36, Pot 11, Tuck Carpenter site.

Figure 206. Hood Engraved effigy bowl, Burial 37, Pot 1, Tuck Carpenter site.

Figure 207. Ripley Engraved, *var. Galt* carinated bowl, Burial 37, Pot 2, Tuck Carpenter site.

Figure 208. Brushed-appliqued jar, Burial 37, Pot 4, Tuck Carpenter site.

Figure 209. Ripley Engraved, *var. unspecified* carinated bowl, Burial 37, Pot 5, Tuck Carpenter site.

Figure 210. cf. Ripley Engraved, *var. Williams* carinated bowl, Burial 37, Pot 6, Tuck Carpenter site.

Figure 211. Incised jar, Burial 39, Pot 4, Tuck Carpenter site.

Figure 212. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 39, Pot 6, Tuck Carpenter site.

Figure 213. Incised-punctated jar, Burial 40, Pot 2, Tuck Carpenter site.

Figure 214. Ripley Engraved, *var. Gandy* carinated bowl, Burial 40, Pot 4a, Tuck Carpenter site.

## List of Figures, cont.

Figure 215. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 40, Pot 6, Tuck Carpenter site.

Figure 216. Plain jar, Burial 40, Pot 7, Tuck Carpenter site.

Figure 217. Ripley Engraved, *var*. *Galt* carinated bowl, Burial 41, Pot 1, Tuck Carpenter site.

Figure 218. Ripley Engraved, *var*. *Ripley* bottle, Burial 41, Pot 5, Tuck Carpenter site.

Figure 219. cf. Maydelle Incised jar, Burial 41, Pot 8, Tuck Carpenter site.

Figure 220. Ripley Engraved, *var*. *Galt* carinated bowl, Burial 42, Pot 1, Tuck Carpenter site.

Figure 221. Ripley Engraved, *var*. *Galt* carinated bowl, Burial 42, Pot 4, Tuck Carpenter site.

Figure 222. Turner Engraved, *var*. *Turner* compound bowl, Burial 42, Pot 5, Tuck Carpenter site.

Figure 223. Wilder Engraved, *var*. *Wilder* jar, Burial 42, Pot 6, Tuck Carpenter site.

Figure 224. Ripley Engraved, *var*. *Reed* carinated bowl, Burial 42, Pot 7, Tuck Carpenter site.

Figure 225. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 43, Pot 1, Tuck Carpenter site.

Figure 226. Ripley Engraved, *var*. *Carpenter* carinated bowl, Burial 43, Pot 3, Tuck Carpenter site.

Figure 227. Harleton Appliqued jar, Burial 43, Pot 5, Tuck Carpenter site.

Figure 228. Ripley Engraved, *var*. *Ripley* bottle, Burial 43, Pot 7, Tuck Carpenter site.

Figure 229. Ripley Engraved, *var*. *Caldwell* compound bowl, Burial 44, Pot 1, Tuck Carpenter site.

Figure 230. cf. Ripley Engraved, *var*. *Carpenter* compound bowl, Burial 44, Pot 2, Tuck Carpenter site.

Figure 231. Turner Engraved, *var*. *Turner* carinated bowl, Burial 44, Pot 10, Tuck Carpenter site.

## List of Figures, cont.

Figure 232. Punctated-incised-appliqued jar, Burial 44, Pot 11, Tuck Carpenter site.

Figure 233. Ripley Engraved, *var. unspecified* bowl, Burial 44, Pot 12, Tuck Carpenter site.

Figure 234. La Rue Neck Banded jar, Burial 44, Pot 14, Tuck Carpenter site.

Figure 235. cf. Simms Plain inverted rim carinated bowl, Burial 45, Pot 3, Tuck Carpenter site.

Figure 236. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 45, Pot 4, Tuck Carpenter site.

Figure 237. cf. Ripley Engraved, *var. unspecified* bottle, Burial 45, Pot 8, Tuck Carpenter site.

Figure 238. Plain effigy bowl, Burial 45, Pot 9, Tuck Carpenter site.

Figure 239. Ripley Engraved, *var. Gandy* carinated bowl, Burial J, Pot 1, Harold Williams site.

Figure 240. cf. Mockingbird Punctated jar, Burial J, Pot 2, Harold Williams site.

Figure 241. Ripley Engraved, *var. Galt* carinated bowl, Burial K, Pot 2, Harold Williams site.

Figure 242. cf. Ripley Engraved, *var. Carpenter* carinated bowl, Burial K, Pot 3, Tuck Carpenter site.

Figure 243. Wilder Engraved, *var. Wilder* bottle, Burial K, Pot 4, Harold Williams site.

Figure 244. Brushed-appliqued jar, Burial K, Pot 5, Harold Williams site.

Figure 245. Turner Engraved, *var. Horton* compound bowl, Burial K, Pot 7, Harold Williams site.

Figure 246. cf. Mockingbird Punctated jar, Burial N, Pot 3, Harold Williams site.

Figure 247. Engraved bottle, Burial S, Pot 1, Harold Williams site.

Figure 248. Miniature engraved carinated bowl, Burial S, Pot 2, Harold Williams site.

Figure 249. Wilder Engraved, *var. Wilder* jar, Harold Williams or Albert Hilton Farm.

## List of Figures, cont.

Figure 250. Spoonbill Engraved carinated bowl, Harold Williams or Albert Hilton Farm.

Figure 251. Brushed jar, Harold Williams or Albert Hilton Farm.

Figure 252. cf. Mockingbird Punctated jar, Harold Williams or Albert Hilton Farm.

Figure 253. Plain bowl, Harold Williams or Albert Hilton Farm.

Figure 254. cf. Pease Brushed-Incised jar, Harold Williams or Albert Hilton Farm.

Figure 255. Wilder Engraved, *var. Wilder* bottle, Harold Williams or Albert Hilton Farm.

Figure 256. cf. Nacogdoches Engraved bottle, Harold Williams site, Area A: side view; b, side view showing the stamped bottle neck decoration.

Figure 257. Engraved carinated bowl of unknown type, Harold Williams site, Area A.

Figure 258. Washington Square Paneled compound bowl, Harold Williams site, Area A.

Figure 259. Harleton Appliqued jar, possibly Albert Hilton Farm.

Figure 260. Turner Engraved, *var. Turner* compound bowl, possibly Albert Hilton Farm.

Figure 261. Ripley Engraved, *var. Gandy* carinated bowl, possibly Albert Hilton Farm.

Figure 262. Punctated-brushed jar, Burial 1, Pot 1, B. J. Horton site.

Figure 263. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 2, Pot 3, B. J. Horton site.

Figure 264. Incised jar, Burial 2, Pot 4, B. J. Horton site.

Figure 265. Karnack Brushed-Incised jar, Burial 2, Pot 5, B. J. Horton site.

Figure 266. Plain bowl, Burial 2, Pot 6, B. J. Horton site.

Figure 267. Plain compound bowl, Burial 2, Pot 7, B. J. Horton site.

Figure 268. Engraved carinated bowl of unknown type, Burial 2, Pot 9, B. J. Horton site.

Figure 269. Engraved bottle, Burial 2, Pot 10, B. J. Horton site.

Figure 270. cf. Ripley Engraved, *var. Carpenter* compound bowl, Burial 4, Pot 3, B. J. Horton site.

## List of Figures, cont.

Figure 271. Simms Engraved carinated bowl, Burial 4, Pot 4, B. J. Horton site.

Figure 272. cf. Pease Brushed-Incised jar, Burial 4, Pot 5, B. J. Horton site.

Figure 273. Engraved compound bowl of unknown type, Burial 4, Pot 6, B. J. Horton site.

Figure 274. Turner Engraved, *var. Turner* compound bowl, Burial 4, Pot 12, B. J. Horton site.

Figure 275. La Rue Neck Banded jar, Burial 10, Pot 1, B. J. Horton site.

Figure 276. cf. Mockingbird Punctated jar, Burial 10, Pot 3, B. J. Horton site.

Figure 277. cf. Ripley Engraved, *var. unspecified* bottle, Burial 10, Pot 4, B. J. Horton site.

Figure 278. cf. Ripley Engraved, *var. unspecified* carinated bowl, Burial 10, Pot 5, B. J. Horton site.

Figure 279. Ripley Engraved, *var. Cash* compound bowl, Burial 10, Pot 6, B. J. Horton site.

Figure 280. Punctated jar, Burial 10, Pot 7, B. J. Horton site.

Figure 281. Ripley Engraved, *var. unspecified* carinated bowl, Burial 10, Pot 9, B. J. Horton site.

Figure 282. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 10, Pot 10, B. J. Horton site.

Figure 283. Ripley Engraved, *var. Galt* carinated bowl rim sherds, Burial 10, Pot 11, B. J. Horton site.

Figure 284. Hood Engraved effigy bowl, Burial 10, Pot 13, B. J. Horton site.

Figure 285. Engraved bottle, Burial 15, Pot 1, B. J. Horton site.

Figure 286. Ripley Engraved, *var. Reed* carinated bowl, Burial 15, Pot 3, B. J. Horton site.

Figure 287. Appliqued jar, Burial 15, Pot 4, B. J. Horton site.

Figure 288. Ripley Engraved, *var. Reed* bowl, Burial 15, Pot 5, B. J. Horton site.

## List of Figures, cont.

Figure 289. Wilder Engraved, *var. Wilder* jar, Burial 2, Pot 1, Pug Wilson site.

Figure 290. Ripley Engraved, *var. McKinney* carinated bowl, Burial 2, Pot 2, Pug Wilson site.

Figure 291. Plain carinated bowl, Cecil Guest site.

Figure 292. Taylor Engraved carinated bowl, Cecil Guest site.

Figure 293. cf. Bullard Brushed jar, Cecil Guest site.

Figure 294. Ripley Engraved, *var. Galt* compound bowl, Burial 2, Pot 3, Cecil Guest site.

Figure 295. Engraved bowl, Burial 2, Pot 4, Cecil Guest site.

Figure 296. Engraved bottle, Burial 2, Pot 5, Cecil Guest site.

Figure 297. Horizontal engraved jar, Burial 2, Pot 7, Cecil Guest site.

Figure 298. Engraved carinated bowl of unknown type, Burial 2, Pot 8, Cecil Guest site.

Figure 299. Punctated-incised jar, Burial 2, Pot 9, Cecil Guest site.

Figure 300. Incised-punctated jar with a scroll motif, Burial 3, Pot 1, Cecil Guest site.

Figure 301. Ripley Engraved, *var. Williams* compound bowl, Burial 3, Pot 2a, Cecil Guest site.

Figure 302. Maydelle Incised rim and body sherds, Burial 3, Pot 2b, Cecil Guest site.

Figure 303. La Rue Neck Banded jar, Burial 6, Pot 1, Cecil Guest site.

Figure 304. Punctated-incised-appliqued jar rim and body sherds, Cecil Guest site.

Figure 305. Engraved carinated bowl of unknown type, Boyd Farm site.

Figure 306. Punctated jar, Lineburger site.

Figure 307. Engraved carinated bowl of unknown type, Lineburger site.

Figure 308. Plain bottle from the Avinger Rest Stop/Carl Owens site.

Figure 309. Punctated-brushed jar from the Avinger Rest Stop/Carl Owens site.

## List of Figures, cont.

Figure 310. Ripley Engraved, *var. unspecified* carinated bowl, probably from the Peanut Patch or Patton site (41HS825).

Figure 311. Hodges Engraved bottle, probably from the Peanut Patch or Patton site (41HS825).

Figure 312. Ripley Engraved, *var. unspecified* carinated bowl, Lone Star Lake site.

Figure 313. Ripley Engraved, *var. Caldwell* carinated bowl, Lone Star Lake site.

Figure 314. Brushed jar, Lone Star Lake site.

Figure 315. Harleton Appliqued jar, Lone Star Lake site.

Figure 316. Karnack Brushed-Incised jar, Lone Star Lake site.

Figure 317. Maydelle Incised jar, Lone Star Lake site.

Figure 318. Turner Engraved, *var. Turner* compound bowl, Lone Star Lake site.

Figure 319. cf. Taylor Engraved carinated bowl, Lone Star Lake site.

Figure 320. cf. Wilder Engraved, *var. unspecified* olla, Lone Star Lake site.

Figure 321. Taylor Engraved bowl, Lone Star Lake site.

Figure 322. Ripley Engraved, *var. Gandy* carinated bowl, Lone Star Lake site.

Figure 323. cf. Bailey Engraved jar, Lone Star Lake site.

Figure 324. Harleton Appliqued jar, Lone Star Lake site.

Figure 325. Hodges Engraved spool-necked bottle, Lone Star Lake site.

Figure 326. cf. Ripley Engraved, *var. McKinney* carinated bowl, Lone Star Lake site.

Figure 327. cf. Ripley Engraved, *var. McKinney* carinated bowl, Lone Star Lake site.

Figure 328. cf. Ripley Engraved, *var. Galt* carinated bowl, Lone Star Lake site.

Figure 329. Ripley Engraved, *var. Galt* carinated bowl, Lone Star Lake site.

Figure 330. Ripley Engraved, *var. Williams* bowl, Lone Star Lake site.

## List of Figures, cont.

Figure 331. cf. Wilder Engraved, *var. Wilder* bottle, Lone Star Lake site.

Figure 332. Punctated-incised jar, Lone Star Lake site.

Figure 333. Plain bottle, Lone Star Lake site.

Figure 334. Plain bowl, Lone Star Lake site.

Figure 335. Taylor Engraved carinated bowl, Lone Star Lake site.

Figure 336. Incised-punctated jar, Lone Star Lake site.

Figure 337. Simms Engraved carinated bowl, Lone Star Lake site.

Figure 338. Harleton Appliqued jar, Lone Star Lake site.

Figure 339. Ripley Engraved, *var. unspecified* carinated bowl, Lone Star Lake site.

Figure 340. Engraved carinated bowl of unknown type, Lone Star Lake site.

Figure 341. Bailey Engraved bottle, Lone Star Lake site.

Figure 342. Karnack Brushed-Incised jar, Lone Star Lake site.

Figure 343. cf. Pease Brushed-Incised jar, Lone Star Lake site.

Figure 344. cf. Wilder Engraved, *var. unspecified* bottle, Lone Star Lake site.

Figure 345. cf. Ripley Engraved, *var. unspecified* bowl, Lone Star Lake site.

Figure 346. La Rue Neck Banded jar, Lone Star Lake site.

Figure 347. Bailey Engraved bottle, Lone Star Lake site.

Figure 348. cf. Bailey Engraved spool-necked bottle, Lone Star Lake site.

Figure 349. Ripley Engraved, *var. McKinney* carinated bowl, Lone Star Lake site.

Figure 350. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Pot 1, Keith site.

Figure 351. Engraved bowl of unknown type, Burial 1, Pot 2, Keith site.

Figure 352. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Pot 3, Keith site.

## List of Figures, cont.

Figure 353. Plain bottle, Burial 1, Pot 4, Keith site.

Figure 354. Plain miniature bowl, Burial 1, Pot 5, Keith site.

Figure 355. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Pot 6, Keith site.

Figure 356. Ripley Engraved, *var. unspecified* carinated bowl, Burial 1, Pot 7, Keith site.

Figure 357. Wilder Engraved, *var. Wilder* bottle, Burial 1, Pot 8, Keith site.

Figure 358. Ripley Engraved, *var. unspecified* jar, Burial 2, Pot 1, Keith site.

Figure 359. Ripley Engraved, *var. McKinney* carinated bowl, Burial 22, Pot 2, Alex Justiss site.

Figure 360. Ripley Engraved, *var. Gandy* carinated bowl, Burial 22, Pot 3, Alex Justiss site.

Figure 361. Ripley Engraved, *var. Gandy* carinated bowl, Burial 24, Pot 1, Alex Justiss site.

Figure 362. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Burial 24, Pot 2, Alex Justiss site.

Figure 363. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Burial 24, Pot 3, Alex Justiss site.

Figure 364. Engraved bowl of unknown type, Burial 2, Pot 2, Graydon Adkins, Site 2.

Figure 365. Plain bottle, Burial 2, Pot 3, Graydon Adkins, Site 2.

Figure 366. Plain deep bowl, Burial 4, Pot 1, Graydon Adkins, Site 2.

Figure 367. Punctated jar, Burial 5, Pot 1, Graydon Adkins, Site 2.

Figure 368. Plain carinated bowl rim, body, and base sherds, Burial 5, Pot 2, Graydon Adkins, Site 2.

Figure 369. Engraved bottle, Burial 5, Pot 3, Graydon Adkins, Site 2.

Figure 370. Engraved bowl of unknown type, Burial 5, Pot 4, Graydon Adkins, Site 2.

Figure 371. Incised jar, Graydon Adkins, Site 2.

## List of Figures, cont.

Figure 372. cf. Cass Appliqued jar, Keeling site, Vessel .001.

Figure 373. Engraved bowl of unknown type, Keeling site, Vessel .002.

Figure 374. Harleton Appliqued jar, Keeling site, Vessel .003.

Figure 375. Harleton Appliqued jar, Keeling site, Vessel .004.

Figure 376. Harleton Appliqued jar, Keeling site, Vessel .005.

Figure 377. cf. Harleton Appliqued jar, Keeling site, Vessel .006.

Figure 378. Harleton Appliqued jar, Keeling site, Vessel .007.

Figure 379. cf. Ripley Engraved, *var. unspecified* carinated bowl, Keeling site, Vessel .008.

Figure 380. Poynor Engraved, *var. Blackburn* carinated bowl, Keeling site, Vessel .009.

Figure 381. Ripley Engraved, *var. unspecified* carinated bowl, Keeling site, Vessel .010.

Figure 382. Ripley Engraved, *var. Carpenter* carinated bowl, Keeling site, Vessel .011.

Figure 383. Ripley Engraved, *var. Galt* carinated bowl, Keeling site, Vessel .012.

Figure 384. Ripley Engraved, *var. McKinney* carinated bowl, Keeling site, Vessel .013.

Figure 385. Ripley Engraved, *var. McKinney* carinated bowl, Keeling site, Vessel .014.

Figure 386. cf. Ripley Engraved, *var. McKinney* carinated bowl, Keeling site, Vessel .015.

Figure 387. Ripley Engraved, *var. McKinney* compound bowl, Keeling site, Vessel .016.

Figure 388. Bailey Engraved olla, Keeling site, Vessel .017.

Figure 389. cf. Ripley Engraved, *var. unspecified* compound bowl, Keeling site, Vessel .018.

Figure 390. Incised-brushed-punctated jar, Keeling site, Vessel .019.

Figure 391. Keno Trailed, *var. Phillips* bowl, Keeling site, Vessel .020.

Figure 392. cf. Simms-Taylor Engraved carinated bowl, Keeling site, Vessel .021.

## List of Figures, cont.

Figure 393. cf. Karnack Brushed-Incised jar, Keeling site, Vessel .022.

Figure 394. Ripley Engraved, *var. Cash* carinated bowl, Keeling site, Vessel .023.

Figure 395. Ripley Engraved, *var. unspecified* carinated bowl, Keeling site, Vessel .024.

Figure 396. Plain carinated bowl, Keeling site, Vessel .025.

Figure 397. Turner Engraved, *var. Horton* compound bowl, Keeling site, Vessel .026.

Figure 398. cf. Ripley Engraved, *var. unspecified* bottle, Keeling site, Vessel .027.

Figure 399. cf. Taylor Engraved bottle, Keeling site, Vessel .028.

Figure 400. Ripley Engraved, *var. Ripley* bottle, Keeling site, Vessel .029.

Figure 401. Plain bottle, Keeling site, Vessel .030.

Figure 402. Wilder Engraved, *var. unspecified* olla, Keeling site, Vessel .031.

Figure 403. Plain bottle, Keeling site, Vessel .032.

Figure 404. Wilder Engraved, *var. Wilder* bottle, Keeling site, Vessel .033.

Figure 405. Hodges Engraved bottle, Keeling site, Vessel .034.

Figure 406. Ripley Engraved, *var. Ripley* bottle, Burial 2, Pot 10, Moughon site.

Figure 407. Brushed-appliqued jar, Red Martin Collection.

Figure 408. Plain deep bowl, Unknown Cherokee County site.

Figure 409. Killough Pinched jar, Unknown Cherokee County site.

Figure 410. cf. Reavely Brushed-Incised jar, Unknown Cherokee County site.

Figure 411. Patton Engraved, *var. Patton* bowl, Deshazo site, Burial 1.

Figure 412. Incised-brushed-appliqued jar, Deshazo site, Burial 2.

Figure 413. Plain bowl, Deshazo site, Burial 2.

Figure 414. Punctated jar, Deshazo site, Burial 2.

## List of Figures, cont.

Figure 415. cf. Hume Engraved bowl, Deshazo site, Burial 3.

Figure 416. Appliqued jar, Deshazo site, Burial 5.

Figure 417. Brushed-punctated jar, Deshazo site, Burial 5.

Figure 418. Engraved carinated bowl of unknown type, Deshazo site, Burial 5.

Figure 419. cf. Natchitoches Engraved bowl, Deshazo site, Burial 6.

Figure 420. cf. Taylor Engraved carinated bowl, Deshazo site, Burial 7.

Figure 421. Engraved compound bowl of unknown type, Deshazo site, Burial 8.

Figure 422. Brushed-appliqued jar, Deshazo site, Burial 9.

Figure 423. cf. Natchitoches Engraved bowl, Stephens Farm.

Figure 424. Patton Engraved, *var*. *Patton* bowl, Stephens Farm.

Figure 425. Plain bowl Stephens Farm.

Figure 426. Plain bottle, Stephens Farm.

Figure 427. Plain bottle, Stephens Farm.

Figure 428. Plain bottle, Stephens Farm.

Figure 429. Punctated jar, Indian Creek site, Nacogdoches County, Texas.

Figure 430. Plain jar, Bison site, Area B.

Figure 431. Platform pipes: a, Rumsey site; b, Albert Hilton or Harold Williams site; c, Harold Williams, Area A.

Figure 432. Elbow pipes from the Tuck Carpenter site: a, Burial 23; b, Burial 26; c, Burial 25; d, Burial 15. a is at the top left, and d is at the bottom right.

Figure 433. Elbow pipes from the Rumsey, Tuck Carpenter, Harold Williams, and B. J. Horton sites: a, Rumsey site; b, Tuck Carpenter, Burial 26; c, Tuck Carpenter, Burial 23; d, Harold Williams, Burial N; e, B. J. Horton, Burial 4; f, Tuck Carpenter, Burial 25; g, Tuck Carpenter, Burial 15.

Figure 434. Engraved elbow pipe from the Deshazo site, Burial 6.

# List of Tables


Table 1. Vessels from Caddo Sites in the Turner and Johns Collections. 6

Table 2. Vessel Forms from Selected Caddo Sites in the Turner and Johns Collections. 453

Table 3. Vessel sizes (in liters) among the Titus phase vessels. 454

Table 4. Vessel sizes (in liters) among the Allen phase vessels. 457

Table 5. Rim and Lip forms in the Titus phase vessels. 457

Table 6. Rim and Lip forms in the Allen phase vessels. 459

Table 7. Other distinctive formal attributes of the fine wares, utility wares, and plain wares in Titus phase assemblages. 460

Table 8. Temper and paste characteristics, Titus phase vessels. 461

Table 9. Differences in the use of bone and hematite temper in selected Titus phase vessel assemblages. 462

Table 10. Temper and paste characteristics, Allen phase vessels. 463

Table 11. Firing conditions, Titus phase vessels. 463

Table 12. Firing conditions, Allen phase vessels. 465

Table 13. Decorative methods represented in the fine ware and utility ware vessels in the Titus phase and Allen phase vessel samples. 466

Table 14. Identified ceramic types and varieties in the vessel assemblages. 468

Table 15. Ripley Engraved varieties (see Figure 2) in the Titus phase carinated bowl, compound bowl, and bowl vessel assemblages. 470

Table 16. Titus phase utility wares (jars), decorative elements and motifs, rim and body codes, sites in Camp, Upshur, and Titus counties. 472

Table 17. Titus phase vessel sample, 109 jars. 475

Table 18. Use of pigments in the fine wares, Titus phase sites in the Big Cypress Creek basin. 482

## List of Tables, cont.

Table 19. Use of pigments in the fine wares, Historic Caddo sites in the Angelina River basin. 483

Table 20. Ceramic platform pipes from the Turner collection. 485

Table 21. Ceramic elbow pipes from the Titus phase site burials. 486

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# Introduction

This report documents two collections of Caddo ceramic vessels, ceramic pipes, and a large chipped biface from a number of sites of prehistoric to early historic age in East Texas, specifically in the Big Cypress Creek, Sulphur River, middle Sabine River (in Sabine Parish, Louisiana), and Neches-Angelina River basins in the region (Figure 1). Most of these Caddo artifacts are from the Robert L. Turner, Jr. collection, particularly from the Tuck Carpenter site (41CP5), with the remainder being from the Tommy Johns collection. A companion report discusses the collections from the Johns site (41CP12) held by Turner and Johns (Perttula et al. 2010).

**Figure 1. Locations of counties and parishes in East Texas and Northwest Louisiana that have sites represented in the Robert L. Turner, Jr. and Tommy Johns collections. Drawn by Sandra Hannum.**

# Documentation Efforts

In July and August 2009, the Robert L. Turner, Jr. vessel and pipe collection and the Tommy Johns collection of vessels, pipes, celts, and arrow points were fully documented. Involved in this effort was Timothy K. Perttula, Mark Walters, and Bo Nelson. As discussed below, a detailed description of each ceramic vessel or ceramic pipe was made for documentation purposes, accompanied by drawings appended to vessel documentation forms (on file, Archeological & Environmental Consultants, LLC files in Austin, Texas), where needed, of ceramic vessel decorative motifs or pipe morphology to supplement the artifact descriptions. Analysis notes and photographs were also obtained on the one large chipped biface (see below). Bo Nelson took the photographs of the two collections that we have documented for this report.

It is our intention to make this important information on Caddo collections from East Texas Caddo sites a part of the public record, as we have done recently for several other East Texas collections (Perttula et al. 2009; Perttula, Walters, and Nelson 2009). We believe that there is substantial information to be gained as a result of this effort that will be of considerable benefit in increasing the shared knowledge of Caddo archeology. Private collections are very vulnerable to the possibility of being sold, or broken up, and there are few options for the holders of these collections to ensure that they remain together and also be available for future study. Because the publication of this documentation effort would involve a sizable expense for report formatting and printing, and the funding for these sorts of publication efforts will likely remain uncertain for a considerable time, consequently, this report and accompanying figures and photographs are published on a CD for distribution. We hope that this CD, and others recently done (Perttula et al. 2009, 2010; Perttula, Walters, and Nelson 2009) by the Friends of Northeast Texas Archaeology, will eventually be uploaded on a Caddo archeology website under development.

# Methods of Vessel Analysis

The large number of ceramic vessels that we proposed to study in the Robert L. Turner, Jr. and Tommy Johns collections are from generally contemporaneous prehistoric Caddo sites in the Big Cypress Creek basin, although there are a few vessels from the Sulphur, Neches/Angelina, and Sabine River basins as well. Most of the sites in the Big Cypress Creek basin date to Late Caddo Titus phase times (ca. A.D. 1430-1680), but Middle Caddo sites and vessels are also represented. The majority of the Caddo vessels in the Neches/Angelina River basins date to the Historic Caddo Allen phase (ca. A.D. 1650-1800).

To facilitate the vessel documentation and aid in comparisons with other Caddo vessel documentation projects, therefore, we established a documentation protocol to assist in the analysis of each of the vessels from the different sites. Each of the ceramic vessels in the collections is described and analyzed utilizing a consistent set of morphological, functional, and stylistic attributes modeled after the presentations in Cast et al. (2006); Gadus and Fields (1996); Gonzalez et al. (2005), Perttula et al. (1998, 2008, 2009), Perttula (2009), and Perttula (2005, ed.). The purpose of the documentation is to thoroughly characterize the character of each of the ceramic vessels in the different Caddo collections. The sections that follow provide the completed vessel recordation forms for 463 Caddo vessels from at least 22 prehistoric and/or early historic Caddo sites in East Texas (see Figure 1), as well as accompanying vessel photographic illustrations.

The following attributes were employed in the ceramic vessel study:

Non-plastics: Deliberate and indeterminate materials in the paste (Rice 1987:411), including a variety of tempers (grog or crushed sherds, bone, hematite, shell, quartz sands, etc.) and "particulate matter of some size." The grog, bone, and hematite non-plastics appear to have been deliberately added to the paste as tempers. The bone used for temper had been burned and calcined, then crushed, before it was added to the paste.

Vessel Form: The principal vessel form categories include open containers (bowls, carinated bowls, and compound bowls) and restricted containers, including jars and bottles of several shapes and sizes. As restricted containers, jars allow access by hand, but bottles do not (Brown 1996:335). Another important vessel form, at least in burial contexts, is the effigy bowl with a modeled head (usually a bird or duck head) and a tab tail; the bird head design is also seen in much earlier (ca. A.D. 1050) Early Caddo cane matting from the Mounds Plantation site in northwestern Louisiana (Webb and McKinney 1975:Figures 17a-c and 18c). Occasionally, an effigy vessel will have a broader tab tail that supported an anthropomorphic or zoomorphic tail rider (see Suhm and Jelks 1962:Plate 24k).

Additional form attributes that were recorded on each of the vessels (depending upon their completeness) include the rim profile (outflaring or

everted, vertical or standing, and inverted), lip profile (rolled to the exterior, rounded, flat, or thinned), and base shape (flat or rounded).

Core Colors: Observations on ceramic cross-section colors permit consideration of oxidation patterns (Teltser 1993:Figure 2A-H; Perttula 2005, ed.), and thus the conditions under which the vessel was fired and then cooled after firing. Comments are included for these attributes on the presence and location of fire-clouding, sooting or smudging from cooking use (Skibo 1992), and the preservation and location of charred organic remains or residues.

Wall Thickness: Thickness was recorded in millimeters, using a vernier caliper, at the lip, along the rim, at several points along the body, and at the base when possible (only for the vessels that were not complete).

Interior and Exterior Surface Treatment: The primary methods of finishing the surface of the vessel include smoothing, burnishing, and polishing (Rice 1987:138), although polishing is generally rarely seen on burial vessels. Brushing is a popular method of roughening the surface (particularly the body) of large and small Middle Caddo (ca. A.D. 1200-1400) and Late Caddo (ca. A.D. 1400-1680) period cooking jars and other utility wares, as well as Historic Caddo sites (post-A.D. 1680) in certain parts of East Texas. Here it is considered a decorative treatment rather than solely a functional surface treatment (cf. Rice 1987:138), although not all Caddo ceramic analysts treat brushing as a decorative treatment (cf. Gadus et al. 2006:31). In certain fine ware vessels, brushed bodies accompanied engraved rim panels. Smoothing creates "a finer and more regular surface…[and] has a matte rather than a lustrous finish" (Rice 1987:138). Burnishing, on the other hand, creates an irregular lustrous finish marked by parallel facets left by the burnishing tool (perhaps a pebble or bone). A polished surface treatment is marked by a uniform and highly lustrous surface finish, done when the vessel is dry, but without "the pronounced parallel facets produced by burnishing leather-hard clay" (Rice 1987:138).

The application of a hematite-rich clay slip (Ferring and Perttula 1987), either red or black after firing in an oxidizing or reducing (i.e., low-oxygen) environment, is another form of surface treatment noted in these vessel assemblages, albeit very rarely. The clay slip is more frequently applied on the vessel exterior than on the interior surface, and then was either burnished or polished after it was leather-hard or dry.

Height and Orifice Diameter: These attributes, measured in centimeters, were recorded with a ruler.

Diameter at Bottom of Rim and Base Diameter: Also recorded in millimeters using a ruler, these attributes permit characterization of the overall contour and shape of the vessel. With bottles, we also obtained measurements of their maximum body diameter.

Volume: Vessel volume in liters was determined by filling (to within 1 mm of the lip) the vessel with lentil seeds, then dumping the lentil seeds in containers of known volume. In estimating the volume of vessels with holes, the vessel was first filled with a cloth that conformed to vessel contours, then the lentil seeds were poured into the depression in the cloth to within 1 mm of the top of the lip. Then they were dumped into containers of known volume. In cases where the vessels were not (or could not) be reconstructed, but measurements of height and orifice diameter were be obtained, volumes were estimated by comparison with known vessel volumes of specific forms (i.e., carinated bowl, jar, bottle, compound bowl, and bowl) in other documented Caddo vessel assemblages.

Decoration: Decorative techniques present in the vessel collections from sites in the Big Cypress, Sulphur River, middle Sabine, and Angelina/Neches River basins of East Texas include engraving and excising, incising, punctating, pinching, lip notching, brushing, neck banding, and appliquéing. On certain vessels, primarily the utility wares, combinations of decorative techniques (i.e., brushed-punctated) created the decorative elements and motifs. Engraving and lip notching were done with a sharp tool when the vessel was either leather-hard, or after it was fired, while the other decorative techniques were executed with tools (incising and punctation), by adding strips of clay to the wet body (appliqué), by crimping the coils (neck banding), using frayed sticks or grass stems (brushing) dragged across the body surface, or fingernails (certain forms of punctations and pinching), when the vessel was wet or still plastic. Excising is considered a form of engraved decoration, where the clay is deliberately and closely marked/scraped and carved away with a sharp tool, usually to create triangular elements (the pendant triangle or small tick marks), negative elements, or crescent-shaped elements or brackets that separate or serve to define scrolls (Suhm and Jelks 1962:Plate 64a–b, f).

A red clay film or wash was added to the surface (interior and/or exterior surfaces) of some vessels as a slip before they were fired. Another form of vessel decoration is the use of red (hematite or ochre) or white (kaolin clay) clay pigments that have been smeared, impressed, or rubbed into the engraved lines of certain vessels.

Type: The kinds of named ceramic types in these collections follow primarily the work of Suhm and Jelks (1962), Thurmond (1990), Kleinschmidt (1982), and Hart (1982). New types (Hood Engraved) and varieties of Poynor Engraved and Patton Engraved identified herein have been defined by Perttula (2008, 2009), and Spoonbill Engraved was recently recognized from the documentation of vessels from 41WD244 and the Spoonbill site (41WD109) in the upper Sabine River basin (Perttula et al. 2007). In this report, we also define a series of varieties of Ripley Engraved (Figure 2) that follow closely the engraved motifs illustrated by Thurmond (1990:Figure 6), and depend upon his ceramic vessel classifications of more than 740 Ripley Engraved carinated bowls and compound bowls in the Big

Cypress Creek basin, as well as recognize varieties of Ripley Engraved (Figure 3) and Wilder Engraved (Figure 4) bottles. Finally, we have recognized a new engraved type (Turner Engraved) in the Titus phase vessel collections from several sites in the Big Cypress Creek basin (Figure 5).

**Figure 2. Defined varieties of Ripley Engraved and other engraved motifs on carinated bowls and compound bowls: a, *var. McKinney*; b, *var. Gandy*; c, *var. Galt*; d, *var. Caldwell*; e, *var. Cash*; f, *var. Carpenter*; g, *var. Pilgrims*; h, *var. Williams*; i, *var. Reed*; j, horizontal diamond, *var. unspecified*; k, interlocking diamond, *var. unspecified*.**

**Figure 3. Ripley Engraved, *var. Ripley* bottle motifs.**

**Figure 4. Wilder Engraved, *var. Wilder* bottle motifs, and *var. unspecified* motifs: a-c, Wilder Engraved, *var. Wilder*; d, Wilder Engraved, *var. unspecified*.**

**Figure 5. Turner Engraved and defined varieties: a-b, Turner Engraved, *var. Turner*; c-d, Turner Engraved, *var. Horton*.**

In the sections that follow, we first discuss the archeological character of the vessels found in mortuary contexts at the various prehistoric Caddo sites represented in the Robert L. Turner, Jr. and Tommy Johns collections. Then, this vessel data is employed to make comparisons of the kinds of decorative motifs and elements found on the different kinds of vessel forms, followed by assemblage-level considerations of vessel form, vessel size, use of temper, and firing conditions, as well as the use of pigments, from mortuary vessels of different ages and ceramic traditions in the Big Cypress and Neches/Angelina stream basins. Following this is a discussion of the pottery pipes in the Robert L. Turner, Jr. collection.

## Archeological Context of the Sites

Where available from existing field notes, plan maps, and published articles, the archeological context of the prehistoric Caddo ceramic vessels and pipes in the Robert L. Turner, Jr. and Tommy Johns collections are discussed on a site by site basis. Those sites not discussed below unfortunately have no available information on the archeological context of the ceramic vessels in the collections. With respect to the total number of vessels documented in this report, 438 are from sites in the Big Cypress Creek basin, one is from the middle Sabine River basin, one is from the lower Sulphur River basin, and 23 are from sites in the Neches/Angelina River basins (Table 1).

**Table 1. Vessels from Caddo Sites in the Turner and Johns Collections.**

| Site | Likely age/period/ phase of the vessels | No. of Vessels |
|---|---|---|
| **Big Cypress Creek Basin** | | |
| Rumsey | Middle-Late Caddo/ Titus | 54 |
| Tuck Carpenter | Late Caddo/ Titus | 200 |
| Harold Williams+ | Middle-Late Caddo/ Titus | 24 |
| B. J. Horton | Late Caddo/Titus | 30 |
| Pug Wilson | Late Caddo/Titus | 2 |
| Cecil Guest | Late Caddo/Titus | 19 |
| Boyd Farm | Unidentified prehistoric Caddo | 1 |
| Lineburger | Unidentified prehistoric Caddo | 2 |
| Avinger Rest Stop | Middle Caddo | 2 |
| Lone Star Lake | Late Caddo/Titus | 39 |
| Keith | Late Caddo/Titus | 9 |
| Alex Justiss | Late Caddo/Titus | 5 |
| Graydon Adkins, Site #1 | Middle-Late Caddo/Titus | 3 |
| Graydon Adkins, Site #2 | Middle Caddo | 11 |
| Keeling | Late Caddo/Titus | 34 |
| Moughon | Late Caddo/Titus | 1 |
| Unknown site* | Late Caddo/Titus | 2 |
| **middle Sabine River basin** | | |
| Bison, Area B | Late Caddo | 1 |
| **lower Sulphur River basin** | | |
| Red Martin | Middle-Late Caddo | 1 |
| **Neches/Angelina River basin** | | |
| Deshazo | Historic Caddo/Allen | 13 |
| Stephens Farm | Historic Caddo | 6 |
| Indian Creek | Unidentified prehistoric Caddo | 1 |
| Cherokee Co. site** | Late Caddo/Frankston | 3 |

*Harrison County, Texas (Peanut Patch or Patton site?); **unknown location; +includes Hilton Farm vessels

# Big Cypress Creek Basin Sites

## G. W. Rumsey Site (41CP3)

The G. W. Rumsey site is on Greasy Creek (Figure 6), across the creek from the Late Caddo Titus phase mound center and large community cemetery at the Shelby Mound site (41CP71) (Perttula and Nelson 2004). The site has both extensive Late Caddo habitation/midden deposits (Thurmond 1990:139), and Caddo burials of both Middle Caddo (see Turner 1997) and Late Caddo, Titus phase, age. The cemetery area is reported to be approximately 30 m from the thick Titus phase midden deposits (Thurmond 1990:139).

**Figure 6. Location of sites with documented vessel collections in the Big Cypress Creek basin in Northeast Texas: 1, Tuck Carpenter; 2, Johns; 3, Harold Williams; 4, Guest; 5, Horton; 6, Alex Justiss; 7, Keith; 8, Lone Star Lake; 9, Rumsey; 10, Keeling; 11, Moughon; 12, Graydon Adkins #1; 13, Graydon Adkins #2; 14, Lineburger;15, Pug Wilson; and 16, Patton.**

The vessels in the Turner collection from the G. W. Rumsey site had been washed out of burials by flooding over a period of years beginning in the late 1920s, and continuing in the late 1930s and early 1940s. They were collected by Mr. Rumsey, and then some were eventually purchased in 1948 by Robert L. Turner, Jr. (Turner 1997) and in the 1940s by H. Perry Newell of the University of Texas (these latter vessels are at the Texas Archeological Research Laboratory at The University of Texas) (see Turner 1997:12). Turner has 54 vessels in his collection (see below). According to Thurmond (1990:139), however, it was A. T. Jackson of The University of Texas who purchased 12 vessels from the G. W. Rumsey site in 1930, and also made a surface collection.

## Tuck Carpenter Site (41CP5)

The Tuck Carpenter site (41CP5), on Dry Creek several miles from its confluence with Big Cypress Creek (see Figure 6), is perhaps the best known Titus phase cemetery in the Big Cypress Creek basin. This is due to the careful analysis and reporting of the recovered funerary offerings and remains from 45 burials excavated by Turner and R. W. Walsh in the 1960s (Turner 1978, 1992). More than 95% of the graves had the bodies of single individuals laid in an extended supine position on the floor of the pit, but two burial features (Burials 21 and 23) had two individuals placed side by side in the burial pit

The Tuck Carpenter site is a large community cemetery that was apparently used for the interment of Caddo peoples for a considerable span of time in the 15$^{th}$ to the 17$^{th}$ century A.D. The burials were laid out in an east-west direction in a number of rows (Turner 1978:Figure 3), amidst an existing midden deposit. A wide assortment of funerary offerings were placed in the graves, including 402 ceramic vessels, eight ceramic pipes, four ceramic ear spools, two wood ear ornaments, one sandstone ear spool with a copper plate covering, one sandstone ear spool, 57 Talco arrow points, 19 Maud

points, 55 Bassett points, 57 Perdiz point, one arrow point of unidentified type, one large chipped biface or Galt biface (Thurmond 1990:Table 23) of non-local chert (Thurmond 1990:144), one biface fragment, seven celts, one metate, four manos, four abrading stones, two polishing stones, one chipped gouge, deer mandibles, deer beamers, clay pigment masses, one marine shell columella bead, turtle carapaces, and mussel shells (Turner 1978:12-49).

**Harold Williams Site (41CP10)**

The Harold Williams site, also referred to as the Albert Hilton Farm in the mid-1940s when the site was initially found, was first brought to notice when a large flood (in 1943?) washed out a number of Caddo burials and ceramic vessels on a low terrace of Dry Creek, a tributary to Big Cypress Creek (Turner 1997; Turner and Smith 2003) (see Figure 6). Mr. Hilton sold the vessels he collected to several individuals, including Robert L. Turner, Jr.

In 1959, Ralph Nicholas, Ed German, and Turner excavated 19 extended Caddo burials from a Titus phase cemetery in one area of the Harold Williams site (Turner 1997; Turner and Smith 2003). Funerary offerings in these burials includes 55 ceramic vessels, one ceramic elbow pipe, a single pulley-shaped ceramic ear spool, three Bassett arrow points, 14 Talco points, an abrading stone, and three ground stone celts (Turner and Smith 2003:Table 14). Anecdotal information also suggests that more than 80 burials have actually been excavated from the site over the years, and thus that there is a ca. A.D. 1550-early 1600s Titus phase community cemetery at this place (Turner and Smith 2003:39, 54).

Archeological investigations in 1967, before and during a Texas Archeological Society Field School held at the site documented that the Harold Williams site also has Middle Caddo period habitation deposits, including a midden covering a 75 x 60 m area (ca. 1.1 acres) (Thurmond 1990:146), post holes from an oval structure, extensive amounts of daub, pit features, and three burials (with nine vessels) in Area A at the eastern end of the site. Among the funerary offerings from these burials is a bottle with an engraved rattlesnake motif (Turner and Smith 2003:Figure 12b, d-e).

**B. J. Horton Site (41CP20)**

The B. J. Horton site (41CP20) is on an upland ridge overlooking the Big Cypress Creek floodplain (see Figure 6); Walkers Creek lies a short distance to the south (Hunt et al. 1996:Figure 1). The site is primarily a Titus phase cemetery with at least 19 excavated burials (Turner 1978:Figure 33).

Ralph Nicholas, Ed German, and Robert L. Turner, Jr. excavated 15 burials at the site in September and October 1958, and several others were known to have been excavated by Alan Young in the late 1960s (Hunt et al. 1996:15). Available notes and records from several of the burials (Burials 1-5, 8-12, and 15) compiled by Turner have been reproduced by Hunt et al. (1996:Appendix F). These indicate that the following

funerary offerings were placed with the burials: 83 ceramic vessels, one ceramic pipe, two Perdiz points, one Maud point, 23 Bassett points, two Talco point, nine unidentified points, and two ground stone celts.

**Pug Wilson Site (41CP76)**

The Pug Wilson site (41CP76) is a Titus phase habitation/midden on the west side of Dry Creek, about 200 m southwest of the Tuck Carpenter site (Turner and Smith 2003:Figure 1) (see Figure 6). According to the available notes, two prehistoric Caddo burials were excavated from this site.

**Cecil Guest Site (41CP78)**

According to Turner (1978:Figure 33) a total of seven Titus phase burials had been excavated by collectors at the Cecil Guest site (41CP78). The cemetery is on Dry Creek near its confluence with Big Cypress Creek, not far (450 m) from the Harold Williams site (Turner and Smith 2003:66) (see Figure 6).

**Avinger Rest Stop/Carl Owens Site (41CS132)**

Little is known about the Avinger Rest Stop/Carol Owens site except that it is an apparent Middle Caddo cemetery (Nelson and Turner 1997:4) in the Black Cypress Bayou basin (see Figure 6). A bottle with an engraved rattlesnake motif (Nelson and Turner 1997:Figure 7d; Walters 2006:Figure 21) has been previously reported from the site.

**Lone Star Lake Site (41MX65)**

The Lone Star Lake site (41MX65) is a Titus phase cemetery on a regularly-inundated island in Ellison Creek Reservoir, an artificial reservoir on Ellison Creek, a tributary to Big Cypress Creek (see Figure 6). The site is also known as the Ellison Lake site (Turner 1978:Figure 2) and the West Island site (King and Turner 1993).

An unknown number of Titus phase burials have been excavated at the Lone Star Lake site over the last 40-50 years, including the disturbed remnants of two burials by King and Turner (1993) in 1986. Ceramic funerary offerings include vessels of Avery Engraved, Bailey Engraved, Bullard Brushed, Cowhide Stamped, Harleton Appliqued, Hodges Engraved, Karnack Brushed-Incised, Maydelle Incised, Ripley Engraved, Simms Engraved, Taylor Engraved, and Wilder Engraved (Turner 1978:Figure 33).

**Keith Site (41TT11)**

The George L. Keith site (41TT11) is located on a terrace remnant and the floodplain of Hart Creek, a southward-flowing tributary to Big Cypress Creek (see Figure 6). It had a Titus phase cemetery with at least 15 burials (with ceramic vessels, Talco arrow points, and celts) that were excavated in the 1950s by Ralph Nicholas, Ed German,

and several individuals from the Mount Pleasant, Texas, area (Robert L. Turner, Jr. notes; see also Thurmond [1990:183-184]). These burials were in a cemetery about 100 m east of the one Middle Caddo period earthen platform mound at the site, and in an area with both Middle Caddo and Titus phase habitation deposits. This mound was trenched by The University of Texas in 1934, exposing a series of sub-mound and mound platform structures, several small associated midden deposits, as well as an outdoor activity area marked by post holes, pits, and concentrations of ash and charcoal (Thurmond 1990:184).

Notes are available on Burial 1 at the Keith site, which was an extended burial oriented east-west 1.8 x 0.56 m in length and width) and set in a shallow pit cut into the clay B-horizon. Eight ceramic vessels had been placed in the grave, along with a cache of 76 pieces of lithic debris.

**Alex Justiss Site (41TT13)**

The Alex Justiss site (41TT13) is principally a 17th century Titus phase cemetery on an upland ridge landform in the Swauano Creek valley in the Big Cypress Creek basin (Bell 1981; Rogers et al. 2003) (see Figure 6). During excavations by Ralph Nicholas, Ed German, and Bob Turner in 1959, a total of 27 Caddo burials were excavated in the cemetery, with at least 182 ceramic vessels placed in the graves as funerary offerings, along with 69 arrow points (including 10 unique side-notched points, see Bell 1981:Figure 41) and a ceramic pipe (Bell 1981:Tables 4 and 5). An additional burial (Burial 28) was excavated by PBS&J prior to the expansion of SH 49 across the site (Rogers et al. 2003:Figure 10).

**Graydon Adkins, Site 2 (41UR17)**

In 1958, Ralph Nicholas, Ed German, and Robert L. Turner, Jr. excavated eight extended prehistoric Caddo burials on a floodplain rise at the Graydon Adkins #2 site (Turner 1997:Figures 11-18). Thurmond (1990:100) incorrectly states that only five burials were excavated at the site.

The site is on the eastern side of the Greasy Creek valley, almost directly opposite to the Graydon Adkins #1 site (Turner 1978:Figure 2) (see Figure 6). Funerary offerings placed with the burials include 35 vessels, a ceramic pipe, a clay pipe stem or bead, five arrow points, three dart points (Burials 2 and 6), three polishing stones, and one abrading stone (Turner 1997). The vessel forms and decorative styles on the ceramic vessels suggested to Turner (1997) that they came from Middle Caddo period burial features. In addition to the burial features, Thurmond (1990:100) reports that Nicholas et al. also tested a well-preserved midden deposit at the Graydon Adkins #2 site.

**Graydon Adkins, Site 1 (41UR21)**

The Graydon Adkins #1 site, on a floodplain rise near Greasy Creek (see Figure 6), was also excavated by Nicholas, German, and Turner in 1958, and eight burials were investigated (see Turner 1978:Figure 33; Thurmond 1990:100). These burials include

several that may be Middle Caddo features (Turner 1997), one of which (Burial 4) has a compound bowl with an engraved rattlesnake motif (Turner 1997:Figure 9e; Walters 2006), but Late Caddo burials were also apparently among those burials excavated by Nicholas et al. at the site.

**Keeling Site, Upshur County, Texas**

A total of 15 burials of Titus phase age were reportedly excavated at the Keeling site by collectors (Turner 1978:Figures 2 and 33). The Keeling site is located in the Greasy Creek basin, about 8 km west of the main course of Big Cypress Creek (see Figure 6).

**Moughon Site, Upshur County, Texas**

The Moughon site, also spelled Moughan or Maughon (Turner 1978:Figures 2 and 33), is a Titus phase cemetery in the Little Cypress Creek basin, not far to the east of the city of Gilmer (see Figure 6). According to Turner (1978:Figure 33), a total of three burials were excavated there by collectors. Vessels of the types Maydelle Incised, Bullard Brushed, Ripley Engraved (bottles and carinated bowls), *var. Carpenter*, *var. Cash*, *var. Gandy*, and *var. Pilgrims*, Wilder Engraved, *var. Wilder* (bottles), Pease Brushed-Incised, and Harleton Appliqued were reported to have been recovered from those burials, along with Bassett and triangular (Maud/Talco) arrow points.

More detailed notes provided by Robert L. Turner, Jr. and Tommy Johns indicates that Burial 1 (excavated May 29, 1968) at the Moughon site had three vessels, Burial 2 had 11 vessels and three arrow points, and Burial 3 had six pottery vessels and three Talco arrow points as funerary offerings. A plan of Burial 2 indicates that the individual was laid out in an extended supine position in a 1.93 m long and 1.37 m deep grave, with the head facing towards the west. Burial vessels were laid along both sides of the body and at the feet of the deceased, and the three arrow points were along the right side of the point, but not in a cluster or possible quiver.

## Vessel Recordation Forms, G. W. Rumsey Site (41CP3)

There are 54 Caddo vessels in the Turner collection from the G. W. Rumsey site. All these vessels had been washed out of a prehistoric Caddo cemetery over several years, collected by the landowner, and subsequently the vessels were purchased by Robert L. Turner, Jr.

The vessels include jars (33%), carinated bowls (24%), bowls (20%), bottles (17%), and compound bowls (6%). The fine wares (51.9%) include several varieties of Ripley Engraved carinated bowls, bowls, and compound bowls (n=11), Ripley Engraved bottles (n=1), Wilder Engraved bottles (n=3), Wilder Engraved bowls (n=1), Taylor Engraved bottles (n=2), cf. Taylor Engraved carinated bowls (n=1), Hood Engraved effigy bowls (n=1), cf. Belcher Engraved carinated bowls (n=1), red-slipped bowls (n=2), engraved jars, bowls, and compound bowls of unidentified type (n=3), and engraved

bottles of unidentified type (n=2). Among the utility ware vessels (40.7%) are Bullard Brushed jars (n=2), Harleton Appliqued jars (n=1), Karnack Brushed-Incised jars (n=1), Maydelle Incised jars (n=2), La Rue Neck Banded jars (n=1), Cass Appliqued jars (n=1), Mockingbird Punctated jars (n=1), Killough Pinched bowls (n=1), a Dunkin Incised jar (n=1), a fingernail impressed effigy bowl, punctated-brushed-appliqued jars (n=1), brushed-punctated jars (n=1), punctated rim jars (n=1), a punctated-appliqued carinated bowl, incised-punctated jars and bowls (n=4), and incised carinated bowls and jars (n=2). The plain wares (7.4%) include bottles (n=1), bowls (n=2), and carinated bowls (n=1).

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 12

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: light gray (10YR 7/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.1 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 20.6

ORIFICE DIAMETER (IN CM): 17.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 3.3 liters

DECORATION: There is horizontal brushing on the rim, and vertical brushing on the vessel body. The body brushing extends approximately halfway down the jar body (Figure 7).

TYPE: cf. Bullard Brushed

**Figure 7. cf. Bullard Brushed jar from the Rumsey site, Vessel 12.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 13

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 19.0

ORIFICE DIAMETER (IN CM): 21.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 3.7 liters

DECORATION: The rim has six panels of tool punctates divided by six sets of vertical appliqued fillets (Figure 8). The upper part of the vessel body has vertical brushing marks, while the lower part of the body has overlapping brushing marks.

TYPE: Unidentified utility ware vessel

**Figure 8. Punctated-appliqued-brushed jar, Rumsey site, Vessel 13.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 14

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding and organic residue on the rim and upper body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 25.4

ORIFICE DIAMETER (IN CM): 18.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 6.1 liters

DECORATION: The rim has three widely-spaced rows of tool punctations, and the body has diagonal to near vertical brushing marks that extend to near the vessel base (Figure 9).

TYPE: Brushed-punctated utility ware vessel

**Figure 9. Brushed-punctated jar, Rumsey site, Vessel 14.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 15

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and an apparent rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: 10YR 6/2 (light brownish-gray)

EXTERIOR SURFACE COLOR: 10YR 6/2 (light brownish-gray); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): N/A

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed, but eroded

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.9; 11.0 cm maximum body diameter

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: The vessel has an engraved curvilinear scroll repeated four times that begins at both the upper and lower parts of the body as two arms of the scroll, and meets at a small central engraved circle. There are widened cross-hatched zones on the scroll on either side of the central engraved circle (Figure 10). Scroll dividers include upper and lower engraved triangles with either hatched corners or excised areas.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 10. Wilder Engraved, *var. Wilder* bottle, Rumsey site, Vessel 15.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 16

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 14.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.8

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has multiple sets of opposed diagonal incised lines (Figure 11).

TYPE: cf. Maydelle Incised or Canton Incised

**Figure 11. cf. Maydelle Incised or Canton Incised jar, Rumsey site, Vessel 16.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 17

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM):10.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.21 liters

DECORATION: The upper part of the bowl has an engraved panel with four sets of horizontal interlocking scrolls (Thurmond 1990:Figure 6g). The interlocking scroll elements are excised brackets, while the panel dividers are either brackets or rectangular columns (Figure 12).

TYPE: Ripley Engraved, *var. Pilgrims*

**Figure 12. Ripley Engraved, *var. Pilgrims* bowl, Rumsey site, Vessel 17.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 18

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with four appliqued lugs on the rim (Figure 13)

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: yellowish-red (5YR 5/6); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.2 mm, rim; 4.7 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 8.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.0

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.49 liters

DECORATION: The rim has randomly and closely-spaced tool punctates between each of the appliqued vessel lugs; the body is plain (Figure 13).

TYPE: Unidentified punctated utility ware vessel

**Figure 13. Punctated jar, Rumsey site, Vessel 18.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 19a

NON-PLASTICS: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim; 5.7 mm, body; 9.1 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements in the motif include engraved diamonds (twice) and circles (twice), each with small centrally placed spurred/rayed circles (Figure 14). The pendant triangles have been excised. A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

**Figure 14. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Rumsey site, Vessel 19a.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 19b

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.4

ORIFICE DIAMETER (IN CM): 25.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.2

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim has a simplified horizontal interlocking scroll motif repeated four times around the vessel. There are no connecting brackets or excised/hatched scroll dividers (see Thurmond 1990:Figure 6g) on this engraved vessel, only short vertical engraved lines in their place (Figure 15).

TYPE: cf. Ripley Engraved, *var*. *Pilgrims*

**Figure 15. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Rumsey site, Vessel 19b.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 21

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/3); fire clouding on the base and lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 5.9 mm, body; 8.5 mm, base

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 3.3 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements in the motif are engraved diamonds (repeated twice) that alternate with engraved circles (repeated twice); each central element has a small spurred circle at its center (Figure 16). The upper and lower pendant triangles are excised. The engraved motif is filled with a white kaolin clay pigment.

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 16. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Rumsey site, Vessel 21.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 22

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.2 mm, rim; 9.5 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 20.8

ORIFICE DIAMETER (IN CM): 19.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.3

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 3.6 liters

DECORATION: The rim has three rows of neck banding. On the vessel body, there are eight vertical appliqued ridges that have divided the body into eight panels filled with vertical brushing marks. The brushing extends to just above the vessel base (Figure 17).

TYPE: La Rue Neck Banded

**Figure 17. La Rue Neck Banded jar, Rumsey site, Vessel 22.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 23

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2); fire clouding and organic residue

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding and organic residue on the rim and upper body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 19.2

ORIFICE DIAMETER (IN CM): 19.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.2

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: There are two broad horizontal lines on the rim, creating a panel, one under the lip and the other at the rim-body juncture. Within the panel is a single centrally-placed row of square tool punctations (Figure 18).

TYPE: Unidentified incised-punctated utility ware vessel

**Figure 18. Incised-punctated jar, Rumsey site, Vessel 23.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 24

NON-PLASTICS: bone and grog

VESSEL FORM: Bottle with a flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light reddish-brown (5YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 25.3

ORIFICE DIAMETER (IN CM): 4.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.1; 18.6 cm maximum body diameter

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 0.77 liters

DECORATION: The vessel body has four panels of curvilinear engraved scrolls that meet at a central small engraved circle. The scrolls begin at upper and lower body hatched and spurred triangles. The small central circle is a circle and swastika element (Figure 19). A red clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 19. Wilder Engraved, *var. Wilder* bottle, Rumsey site, Vessel 24.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 25

NON-PLASTICS: grog, hematite, and bone

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 19.9

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.8; 13.0 cm maximum body diameter

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 0.65 liters

DECORATION: The vessel body has two separate elements: (1) a central set of two large engraved hooked arm scrolls, repeated twice on the body, and (2) four sets of large engraved concentric semi-circles (four in each set) and hatched triangles, two sets on the upper body and two sets on the lower body (Figure 20).

TYPE: Taylor Engraved

**Figure 20. Taylor Engraved bottle, Rumsey site, Vessel 25.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 26

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.1; 10.8 cm maximum body diameter

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.54 liters

DECORATION: The vessel body has a series of closely-spaced curvilinear lines that were engraved between upper and lower sets of large cross-hatched engraved triangles (Figure 21). There are three sets of triangles on both the upper and lower vessel body.

The engraved decoration is reminiscent of Bailey Engraved, except that there are not two sets of curvilinear to concentric engraved lines on this bottle. Furthermore, the engraved triangles as seen on the Rumsey site vessel are either open or filled with punctations on Bailey Engraved bottles (Suhm and Jelks 1962:5 and Plate 3).

TYPE: Unidentified engraved fine ware bottle

**Figure 21. Engraved bottle of undetermined type, Rumsey site, Vessel 26.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 27

NON-PLASTICS: grog

VESSEL FORM: Bottle with a short rim (Figure 22)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a low oxygen environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 17.5; neck height is 3.7 cm

ORIFICE DIAMETER (IN CM): 4.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.8; maximum body diameter is 12.5 cm

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 0.66 liters

DECORATION: Plain (Figure 22)

TYPE: Unidentified plain ware bottle

**Figure 22. Plain bottle, Rumsey site, Vessel 27.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 28

NON-PLASTICS: grog, hematite, and bone

VESSEL FORM: Bottle with a collared neck (Figure 23)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the body and burnished on the neck

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.41 liters

DECORATION: There are four repeating sets of curvilinear engraved scrolls on the vessel body. These scrolls hook around each other and meet in a small excised central circle. There is a widened zone of hatching along the outer sides of each of the scrolls (Figure 23). The scrolls begin from upper and lower engraved triangles, either plain or hatched on the corners.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 23. Wilder Engraved, *var. Wilder* bottle, Rumsey site, Vessel 28.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 29

NON-PLASTICS: grog

VESSEL FORM: Bottle with a long and straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.0; 7.0 cm neck height

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.4; maximum body diameter is 9.2 cm

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.22 liters

DECORATION: The vessel body has four sets of engraved hooked arm scrolls, divided by four triangular areas under the neck filled with circular tool punctations (a decorative element reminiscent of Bailey Engraved bottles, see Suhm and Jelks 1962:Plate 3). On the lower body and extending to the base, underneath each set of hooked arm scrolls, is a rectangular panel filled with horizontal engraved lines (Figure 24). A red clay pigment has been rubbed in the engraved lines.

TYPE: Taylor Engraved

**Figure 24. Taylor Engraved bottle, Rumsey site, Vessel 29.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 30

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 13.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.9

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has opposed and alternating sets of incised triangles, while there are four large panels of opposed and alternating incised triangles on the vessel body (Figure 25).

TYPE: cf. Dunkin Incised

**Figure 25. cf. Dunkin Incised jar, Rumsey site, Vessel 30.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 31

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown (10YR 5/6); organic residue

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/6); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: There are four rows of triangular tool punctations on the rim, and the body is plain (Figure 26).

TYPE: cf. Mockingbird Punctated

**Figure 26. cf. Mockingbird Punctated jar, Rumsey site, Vessel 31.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 32

NON-PLASTICS: grog-hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: reddish-yellow (7.5YR 6/6)

EXTERIOR SURFACE COLOR: reddish-brown (7.5YR 6/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 0.72 liters

DECORATION: The exterior surface is plain (Figure 27). There is a single engraved line on the interior vessel surface, midway down the vessel wall.

TYPE: Unidentified fine ware vessel

**Figure 27. Interior engraved bowl, Rumsey site, Vessel 32.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 33

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight to slightly flaring neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a low oxygen environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.3

ORIFICE DIAMETER (IN CM): 2.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.8

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.13 liters

DECORATION: The vessel body has a central set of curvilinear engraved scrolls that wrap around three upper sets of engraved triangles with hatched corners as well as three lower sets of engraved ovals (Figure 28). Each oval has a large excised pendant triangle within it, as well as a single hooked arm scroll line.

TYPE: Unidentified fine ware bottle

**Figure 28. Unidentified engraved bottle, Rumsey site, Vessel 33.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 34

NON-PLASTICS: bone and grog

VESSEL FORM: Compound bowl (or jar?) with one rim panel

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body and burnished on the rim

HEIGHT (IN CM): 16.5

ORIFICE DIAMETER (IN CM): 14.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim has three widely-spaced horizontal engraved lines. The body of the vessel has six panels defined on each side by upper and lower sets of engraved triangles with hatched corners and connecting vertical engraved lines. Within each panel are two centrally-placed concentric circles, the innermost circle having single horizontal and vertical intersecting lines (circle and cross) beginning at double hatched triangles (Figure 29).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 29. Ripley Engraved, *var. unspecified* compound bowl, Rumsey site, Vessel 34.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 35

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4); fire clouding and organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body between appliqued panels

HEIGHT (IN CM): 17.2

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 2.6 liters

DECORATION: The vessel has small tool punctates covering the entire rim surface. The body has four sets of vertical appliqued ridges, each set comprised of four closely-spaced appliqued ridges that extend towards the vessel base, with plain areas between each set of appliqued ridges (Figure 30).

TYPE: cf. Cass Appliqued

**Figure 30. cf. Cass Appliqued jar, Rumsey site, Vessel 35.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 36

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 13.8

ORIFICE DIAMETER (IN CM): 10.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.5

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 0.86 liters

DECORATION: The rim has 11 diagonal incised panels filled with linear tool punctations (Figure 31).

TYPE: Unidentified incised-punctated utility ware vessel

**Figure 31. Incised-punctated jar, Rumsey site, Vessel 36.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 37

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Miniature carinated bowl (Figure 32)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 3.2

ORIFICE DIAMETER (IN CM): 6.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.1

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.12 liters

DECORATION: There are two closely-spaced horizontal incised lines at the rim-body juncture of the vessel (Figure 32).

TYPE: Unidentified utility ware vessel

**Figure 32. Miniature incised carinated bowl, Rumsey site, Vessel 37.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 38

NON-PLASTICS: grog and bone

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a low oxygen environment)

INTERIOR SURFACE COLOR: gray (10YR 5/1)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 8.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.15 liters

DECORATION: the vessel has fingernail impressions covering the exterior vessel surface. There is evidence of a large appliqued node or effigy attachment on one side of the vessel, but the node or effigy attachment has been broken off.

TYPE: Unidentified utility ware vessel

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 39

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a low oxygen environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 7.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.12 liters

DECORATION: Plain

TYPE: Unidentified plain ware vessel

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 40

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.27 liters

DECORATION: Plain (Figure 33)

TYPE: Unidentified plain ware vessel

**Figure 33. Plain bowl from the Rumsey site, Vessel 40.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 41

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base and the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 14.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.4

BASE DIAMETER (IN CM): 8.7

ESTIMATED VOLUME (IN LITERS): 0.68 liters

DECORATION: Plain (Figure 34)

TYPE: Unidentified plain ware vessel

**Figure 34. Plain carinated bowl, Rumsey site, Vessel 41.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 42

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with two strap handles and four rim peaks (Figure 35)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0; 8.0 cm at the rim peak

ORIFICE DIAMETER (IN CM): 11.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.5

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.46 liters

DECORATION: The upper part of the rim is plain. The lower rim has two separate panels of two sets of horizontal interlocking scrolls executed with small tool punctates. A large appliqued node divides the two scrolls within each panel (Figure 35). The massive strap handles have three appliqued nodes on them.

TYPE: Unidentified punctated-appliqued vessel

**Figure 35. Punctated-appliqued compound bowl, Rumsey site, Vessel 42.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 43

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with two opposed strap handles (Figure 36)

RIM AND LIP FORM: Direct rim and a flat, exterior folded, lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4); fire clouding on the body and the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none (eroded)

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.7

BASE DIAMETER (IN CM): 5.2

ESTIMATED VOLUME (IN LITERS): 0.54 liters

DECORATION: The engraved design is difficult to discern on the eroded exterior vessel surface, other than that there is a centrally placed horizontal engraved line on the rim panel, and two opposed appliqued nodes on the rim; the latter suggest the Belcher Engraved, *var*. *Belcher* typological identification (see Schambach and Miller 1984; Webb 1959). Each strap handle has three appliqued nodes (Figure 36).

TYPE: cf. Belcher Engraved, *var*. *Belcher*

**Figure 36. cf. Belcher Engraved, *var. Belcher* carinated bowl, Rumsey site, Vessel 43.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 44

NON-PLASTICS: grog and bone

VESSEL FORM: Shallow bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: strong brown (7.5YR 5/6); fire clouding on the rim, body, and base

EXTERIOR SURFACE COLOR: red (2.5YR 4/6); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.2

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.28 liters

DECORATION: The vessel has an exterior red slip.

TYPE: Unidentified red-slipped fine ware vessel

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 45a

NON-PLASTICS: grog

VESSEL FORM: Compound bowl, with a collar separating the upper and lower panels (Figure 37)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.8

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.99 liters

DECORATION: The lower rim panel has an idiosyncratic engraved motif consisting of triangles and ovals on either side of a centrally-placed meandering scroll (Figure 37). The triangles (nine in number) have negative ovals or circles within them, outlined by cross-hatching or hatching, while the seven circles or ovals have small negative ovals or circles (five in number), are filled with cross-hatched engraved lines (two in number), or are plain (one such oval).

TYPE: Unidentified fine ware vessel

**Figure 37. Unidentified engraved compound bowl, Rumsey site, Vessel 45a.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 45b

NON-PLASTICS: grog

VESSEL FORM: Jar with two small loop handles

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown (5YR 3/2)

EXTERIOR SURFACE COLOR: dark reddish-brown (5YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 9.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.5

BASE DIAMETER (IN CM): 5.9

ESTIMATED VOLUME (IN LITERS): 0.38 liters

DECORATION: There is a single horizontal engraved line at the rim-body juncture. Pendant from that line onto the body are two sets of three vertical engraved lines, two of the engraved lines in one set ending in hooked arms (Figure 38), the others simply extending towards the vessel base. The vessel is also slipped on both interior and exterior surfaces. Similar red-slipped and engraved vessels have been documented from Late McCurtain phase sites on the Red River (Perino 1983:Figure 7a-c) and from unknown Caddo sites in southwestern Arkansas (Bonds 2006:Figure 395).

TYPE: Unidentified engraved fine ware vessel

**Figure 38. Engraved jar of unknown type, Rumsey site, Vessel 45b.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 46

NON-PLASTICS: grog

VESSEL FORM: Deep bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 12.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The vessel body has six diagonal to curvilinear incised panels filled with tool punctates. The top of the panels is defined by a single horizontal incised line that encircles the vessel (Figure 39). Within each of the panels is a single small oval to semi-circular incised zone filled with punctations.

TYPE: Unidentified utility ware vessel

**Figure 39. Incised-punctated deep bowl, Rumsey site, Vessel 46.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 47

NON-PLASTICS: grog

VESSEL FORM: Jar with four strap handles and four rim peaks (Figure 40)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on rim, body, and base

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 10.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 18.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.5

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 1.7 liters

DECORATION: The rim is covered with tool punctations, and there is a horizontal appliqued fillet at the rim-body juncture; the strap handles are decorated with three vertical pinched rows. On the body are four sets of conjoined appliqued fillet semi-circles and triangles, each of which has a centrally-placed appliqued circle. Within each circle is a large appliqued node covered with small tool punctates. Areas on the body between the appliqued fillet elements have opposed, diagonal, and vertical incised lines (Figure 40).

TYPE: Harleton Appliqued

**Figure 40. Harleton Appliqued jar, Rumsey site, Vessel 47.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 49

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 17.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.82 liters

DECORATION: The rim has four sets of scrolls and upper and lower engraved/excised pendant triangles (Figure 41), as seen on Ripley Engraved, *var*. *McKinney* vessels (see Figure 2a). The scrolls are divided by S-shaped brackets (cf. Thurmond 1990:Figure 6b). A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *unspecified*

**Figure 41. Ripley Engraved, *var. unspecified* carinated bowl, Rumsey site, Vessel 49.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 50

NON-PLASTICS: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 9.3

ORIFICE DIAMETER (IN CM): 10.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.9

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.58 liters

DECORATION: The rim has a panel filled with vertical incised lines (Figure 42). There is a broad horizontal incised line at the rim-body juncture.

TYPE: Unidentified utility ware vessel

**Figure 42. Incised jar, Rumsey site, Vessel 50.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 51

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: Undetermined

INTERIOR SURFACE COLOR: red (10R 4/6)

EXTERIOR SURFACE COLOR: red (10R 4/6); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.8

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.6

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.79 liters

DECORATION: The rim has four sets of scrolls that end in hooked arms. The upper and lower scroll fill zones have vertical engraved lines (Figure 43). The vessel is red-slipped on both interior and exterior vessel surfaces.

TYPE: Taylor Engraved

**Figure 43. Taylor Engraved carinated bowl, Rumsey site, Vessel 51.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 52

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on rim and upper body

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 11.7

ORIFICE DIAMETER (IN CM): 10.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.0

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 0.72 liters

DECORATION: The rim has alternating and opposed sets of incised-filled triangles. There is a single horizontal row of tool punctations at the rim-body juncture, and 10 vertical tool punctated rows spaced around the vessel body and extending to the vessel base (Figure 44).

TYPE: Maydelle Incised

**Figure 44. Maydelle Incised jar, Rumsey site, Vessel 52.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 53

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellow (10YR 7/6)

EXTERIOR SURFACE COLOR: yellow (10YR 7/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.7

ORIFICE DIAMETER (IN CM): 13.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM): 6.9

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has three widely-spaced rows of tool punctations, one under the lip, a second midway down the rim, and a third at the rim-body juncture; this last row is immediately above a single broad horizontal incised line. The body has 15 well-spaced vertical rows of tool punctations that extend from the rim-body juncture to near the base (Figure 45).

TYPE: Unidentified utility ware vessel

**Figure 45. Punctated-incised jar, Rumsey site, Vessel 53.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 54-a

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 28.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.2

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The central element of the motif includes either alternating semi-circles (twice) or diamonds (twice), each of which has a small central engraved diamond within it that has four excised rays (Figure 46). A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

**Figure 46. Ripley Engraved, *var. McKinney* carinated bowl, Rumsey site, Vessel 54a.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 54-b

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct to slightly everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4); fire clouding on the base and lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.2

ORIFICE DIAMETER (IN CM): 12.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.2

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The entire vessel has vertical brushing marks. Overlying the brushing on the rim are three horizontal rows of tool punctations (including two closely-spaced rows at the rim-body juncture) and five diagonal columns of punctations comprised of three diagonal rows of tool punctations. On the vessel body, there are four vertical columns of punctations that are each comprised of three punctated rows (Figure 47).

TYPE: Unidentified brushed-punctated vessel

**Figure 47. Brushed-punctated jar, Rumsey site, Vessel 54b.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 55

NON-PLASTICS: grog

VESSEL FORM: Jar with a short rim (Figure 48)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 18.2

ORIFICE DIAMETER (IN CM): 15.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.7

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 2.5 liters

DECORATION: The rim has horizontal brushing marks, while there are vertical brushing marks on the vessel body. This brushing extends to within 2.5 cm of the base (Figure 48).

TYPE: cf. Karnack Brushed-Incised

**Figure 48. cf. Karnack Brushed-Incised jar, Rumsey site, Vessel 55.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 56

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/6); fire clouding on the base and lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 27.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 10.5

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The vessel has an exterior red slip (Figure 49).

TYPE: Unidentified red-slipped fine ware vessel

**Figure 49. Red-slipped bowl, Rumsey site, Vessel 56.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 57

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body and burnished on the rim

HEIGHT (IN CM): 7.4

ORIFICE DIAMETER (IN CM): 17.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.77 liters

DECORATION: The rim panel has an engraved scroll motif (cf. Thurmond 1990:Figure 6b) repeated five times around the vessel. The scroll dividers consist of excised brackets, but without the s-shaped elements (Figure 50).

TYPE: Ripley Engraved, *var*. *Gandy*

**Figure 50. Ripley Engraved, *var. Gandy* carinated bowl, Rumsey site, Vessel 57.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 58

NON-PLASTICS: grog and bone

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the base and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: The vessel is covered with 30 vertical to curvilinear pinched rows that extend from the rim to the base, as well as seven pinched rows that extend only a short distance down the vessel body (Figure 51).

TYPE: cf. Killough Pinched

**Figure 51. cf. Killough Pinched bowl, Rumsey site, Vessel 58.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 59

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Bowl with a Redwine mode lip (Figure 52)

RIM AND LIP FORM: Direct rim and a rounded lip, with seven lobes along the lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.25 liters

DECORATION: The vessel has a curvilinear engraved scroll motif repeated four times around the vessel that begins at upper and lower parts of the vessel at upper and lower hatched or cross-hatched triangular elements, and meets in the center at a small hatched circle (Figure 52). There are wider cross-hatched zones on the two arms of the scroll to either side of the small hatched circle.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 52. Wilder Engraved, *var. Wilder* bowl, Rumsey site, Vessel 59.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 60

NON-PLASTICS: grog

VESSEL FORM: Bowl with effigy head (38 x 22 mm in length and width) and tab tail (35 x 33 mm in length and width) (Figure 53)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.5

ORIFICE DIAMETER (IN CM): 12.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.28 liters

DECORATION: There are three broadly-spaced horizontal engraved lines on the upper part of the vessel. The effigy head resembles the head of a turtle, but is otherwise unembellished (Figure 53).

TYPE: cf. Hood Engraved

**Figure 53. cf. Hood Engraved effigy bowl, Rumsey site, Vessel 60.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 61

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-red (5YR 4/6)

EXTERIOR SURFACE COLOR: yellowish-red (5YR 4/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 20.5

ORIFICE DIAMETER (IN CM): 5.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 16.0 cm maximum body diameter

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 0.78 liters

DECORATION: The vessel body has a central engraved scroll and circle motif that is repeated three times around the vessel. The principal circle element has a smaller central

circle and hatched cross element (Figure 54). The upper scroll fill zone also has three repeating sets of two circles within an excised zone, the smaller circle with a circle and hatched cross element; there is also a small negative oval within the excised zone. The lower scroll fill zone has three repeating large negative and backwards s-shaped elements within excised and hatched areas as well as two sets of short vertical engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 54. Ripley Engraved, *var. unspecified* bottle, Rumsey site, Vessel 61.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 62

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim and body; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 6.6 mm, body; 12.1 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.2

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.9

BASE DIAMETER (IN CM): 9.2

ESTIMATED VOLUME (IN LITERS): 3.3 liters

DECORATION: The rim has a continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel rim (Figure 55). The upper and lower scroll fill zones have negative ovals and excised areas.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 55. Ripley Engraved, *var. Carpenter* carinated bowl, Rumsey site, Vessel 62.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 63

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.1 mm, rim; 8.3 mm, body; 14.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 20.5

ORIFICE DIAMETER (IN CM): 34.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 10.5

ESTIMATED VOLUME (IN LITERS): 5.6 liters

DECORATION: The upper rim panel has two horizontal engraved lines. The lower rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) that is repeated four times around the panel. Each circle has a smaller central circle, either filled with

cross-hatched lines (three times) or with small punctates (one time) (Figure 56). A white kaolin clay has been rubbed in the engraved design.

TYPE: Ripley Engraved, *var. Galt*

**Figure 56. Ripley Engraved, *var. Galt* compound bowl, Rumsey site, Vessel 63.**

SITE NAME OR SITE NUMBER: G. W. Rumsey

VESSEL NO.: 64

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim; 7.4 mm, body; 9.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.8

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel (Figure 57). The upper and lower scroll fill zones have semi-circles, ovals, and cross-hatched triangular and rectangular areas. A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *Carpenter*

**Figure 57. Ripley Engraved, *var. Carpenter* carinated bowl rim sherds, Rumsey site, Vessel 64.**

## Vessel Recordation Forms, Tuck Carpenter Site (41CP5)

The Robert L. Turner, Jr. collection has 200 vessels from the excavations at the Tuck Carpenter site, approximately 50% of the total number of vessels recovered from the excavation of 45 Titus phase burials (Turner 1978). By vessel form, Turner's collection includes carinated bowls (42.5%), jars (29.5%), compound bowls (11.5%), bottles (9.5%), bowls (6.5%), and one chalice (0.5%), a very rare vessel form in the Northeast Texas region.

The fine wares (69% of the present sample) are represented by several varieties of Ripley Engraved carinated bowls, compound bowls, jars, and bowls (n=96), as well as Johns Engraved bowls (n=1), Simms Engraved carinated bowls (n=1), a Turner Engraved chalice, and Turner Engraved compound and carinated bowls (n=7). There are also Wilder Engraved bottles (n=8), including *var. Wilder*, Wilder Engraved jars (n=3), a stacked Wilder Engraved-Ripley Engraved bottle, and Ripley Engraved bottles (n=7), including *var. Ripley*. Hood Engraved effigy bowls (n=2), and an unidentified engraved effigy bowl (n=1) are also among the vessels from the Tuck Carpenter site. Finally, there are a few engraved bowls, carinated bowls, compound bowls, and jars of unidentified types (n=11), among them two red-slipped bottles.

The various utility wares (26%) include jars of Cass Appliqued (n=3), La Rue Neck Banded (n=3), Bullard Brushed (n=4), Harleton Appliqued (n=6), McKinney Plain (n=1), cf. Pease Brushed-Incised (n=1), Maydelle Incised (n=3), and Mockingbird Punctated (n=4). Moore Noded bowls (n=2) are another utility ware at the Tuck Carpenter site. Given the current status of classification of Caddo utility wares in East Texas (cf. Suhm and Jelks 1962), there are jars and bowls of unidentified types with incised-brushed (n=1), incised-punctated-brushed (n=1), incised (n=2), incised-punctated (n=8), incised-punctated-appliqued (n=3), appliqued (n=1), brushed-punctated (n=2), brushed-punctated-incised (n=1), brushed (n=2), brushed-appliqued (n=2), brushed-punctated-appliqued (n=1), and punctated (n=1) decorative elements.

Plain ware vessels (5%) are also present in the mortuary ceramic assemblage at the Tuck Carpenter site. They include jars (n=2), bottles (n=1), carinated bowls (n=4), effigy bowls (n=1), and bowls (n=2).

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 1, Pot 2

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with a short rim (Figure 58)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 20.5

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.6

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.9 liters

DECORATION: There are three rows of tool punctations on the rim, one below the lip, one midway down the rim, and the third at the rim-body juncture. The body has 24 vertical appliqued ridges that extend from near the rim-body juncture to the vessel base (Figure 58).

TYPE: Cass Appliqued

**Figure 58. Cass Appliqued jar, Tuck Carpenter site, Burial 1, Pot 2.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 1, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.8 mm, rim; 7.7 mm, body; 11.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 9.1

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved scroll motif (Ripley Engraved, *var. Gandy*) repeated four times. The upper and lower scroll lines have engraved pendant triangles, as with Ripley Engraved, *var. McKinney*, along with central engraved diamond elements (Figure 59).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 59. Ripley Engraved, *var. unspecified* carinated bowl rim sherds, Burial 1, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 1, Pot 6

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): N/A

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.7

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.0

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim panel has an engraved scroll and circle motif repeated four times around the vessel. The central engraved circle has a smaller circle-in-cross element within it (Figure 60). There is an interior engraved line at the carination. A white clay pigment has also been rubbed in the exterior engraved lines.

TYPE: Ripley Engraved, *var*. *Galt*

**Figure 60. Ripley Engraved, *var. Galt* carinated bowl, Burial 1, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 2, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); organic residue on the upper and lower rim panels

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.4+

ORIFICE DIAMETER (IN CM): 43.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 4.2+ liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved circle and nested triangle motif (Thurmond 1990:Figure 6e) repeated two times around the vessel. The central engraved circle has a small cross-in-circle element within it (Figure 61), while the nested triangle motif has a central oval element within it that also contains a single small dash or spur.

TYPE: Ripley Engraved, *var. Cash*

**Figure 61. Ripley Engraved, *var. Cash* compound bowl, Burial 2, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 2, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue and fire clouding

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue and fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.2 mm, rim; 8.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 19.0

ORIFICE DIAMETER (IN CM): 15.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.3

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 2.7 liters

DECORATION: The rim has opposed diagonal incised panels each separated from the other by a single vertical incised line. There are rows of tool punctations under the lip and at the rim-body juncture. The vessel body has vertical brushing marks that extend to within 3.5 cm of the base (Figure 62).

TYPE: Unidentified brushed-incised-punctated utility ware

**Figure 62. Incised-punctated-brushed jar, Burial 2, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 2, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a flat lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue and fire clouding on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim; 8.2 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 15.4

ORIFICE DIAMETER (IN CM): 15.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.9

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: There are six vertical appliqued ridges on the rim and the vessel body. They are spaced so that the appliqued ridges on the rim occur above, but between, two appliqued ridges on the vessel body. The appliqued ridges on the body extend midway down the vessel body (Figure 63).

TYPE: Unidentified appliqued utility ware

**Figure 63. Appliqued jar, Burial 2, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 2, Pot 5

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 6.3 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.3

ORIFICE DIAMETER (IN CM): 24.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.2

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 3.9 liters

DECORATION: The rim panel has an engraved interlocking horizontal scroll motif repeated four times around the vessel. The middle and lower horizontal scroll lines have small triangular tick marks on them (Figure 64). A red clay pigment has been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var*. *Pilgrims*

**Figure 64. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Burial 2, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 2, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Bottle with a slightly flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown (2.5YR 5/4)

EXTERIOR SURFACE COLOR: red (2.5YR 5/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.4

ORIFICE DIAMETER (IN CM): 3.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.7; maximum body diameter is 7.3 cm

BASE DIAMETER (IN CM): 3.9

ESTIMATED VOLUME (IN LITERS): 0.16 liters

DECORATION: The vessel body has a curvilinear scroll with two arms that meet at a small excised circle; the scroll is repeated three times around the bottle. There are also expanded excised zones along each arm of the scrolls, opposite the central excised circle. Each arm of the scroll begins at a triangle with an excised negative oval within it (Figure 65). The exterior vessel surface is red-slipped.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 65. Wilder Engraved, *var. Wilder* bottle, Burial 2, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 3, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim; 6.4 mm, body; 13.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 10.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.6

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: Plain (Figure 66)

TYPE: Unidentified plain ware vessel

**Figure 66. Plain jar, Burial 3, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 3, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 5.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.6

ORIFICE DIAMETER (IN CM): 27.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.6

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements in the motif are alternating large central circles and diamonds. The central circles have a small internal circle with four excised rays (Figure 67), while the central diamonds have a single smaller diamond within them. A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 67. Ripley Engraved, *var. McKinney* carinated bowl, Burial 3, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 3, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 16.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.2

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The rim panel has an engraved scroll motif repeated four times around the vessel. Instead of upper and lower scroll fill zones, however, the upper and lower parts of the motif have engraved pendant triangles, as seen on Ripley Engraved, *var. McKinney* vessels (Figure 68). Each motif is divided by an excised bracket.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 68. Ripley Engraved, *var. unspecified* carinated bowl, Burial 3, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 3, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: gray (10YR 4/1)

EXTERIOR SURFACE COLOR: yellow (10YR 7/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.3

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.9

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 0.28 liters

DECORATION: The rim panel has an engraved scroll and circle motif repeated four times around the vessel. The central circle element has a small centrally-placed engraved diamond in it (Figure 69). The scroll fill zones consist of a single hooked arm element, rather than engraved ovals or negative ovals (cf. Thurmond 1990:Figure 6c). A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

**Figure 69. Ripley Engraved, *var. Galt* carinated bowl, Burial 3, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 4, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Effigy bowl with a tab tail (Figure 70)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 10.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.19 liters

DECORATION: The rim has three horizontal engraved lines; the lines dip underneath both the effigy head and tab tail attachments (Figure 70).

TYPE: Hood Engraved

**Figure 70. Hood Engraved effigy bowl, Burial 4, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 4, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 30.5

ORIFICE DIAMETER (IN CM): 27.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.6

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 10.9 liters

DECORATION: The rim has two alternating rows of tool punctations and horizontal incised lines, as well as a third set of tool punctations and horizontal incised lines at and just below the rim-body juncture (Figure 71).

TYPE: Unidentified incised-punctated utility ware vessel

**Figure 71. Incised-punctated jar, Burial 4, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 4, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 8.7 mm, body; 10.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.5+

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 1.7+ liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and circle motif repeated four times around the vessel (Figure 72). The large central circle element has a smaller circle within it that has five excised spurs along its margins; two of these smaller circles also have a very

small centrally-placed circle within them. The upper and lower scroll fill zones have negative ovals outlined with excised areas, and those negative ovals in the lower scroll fill zones also have small spurs or dashes along the open edge of the oval (cf. Thurmond 1990:Figure 6d-e, h). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

**Figure 72. Ripley Engraved, *var. Galt* compound bowl, Burial 4, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 4, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 25.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.8

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim panel has an engraved alternating nested triangle motif repeated twice (Thurmond 1990:Figure 6h), as well as a scroll and circle motif (Thurmond 1990:Figure 6c), repeated two times around the vessel. The central circles

each have a small interior circle (and one has a central dot within that), and the larger circles have triangular tick marks on them (Figure 73). The nested triangle motif has four sets of triangular lines, one of which has triangular tick marks on it. The bottom triangle has an engraved oval and excised triangles at each corner.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 73. Ripley Engraved, *var. unspecified* carinated bowl, Burial 4, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 4, Pot 8

NON-PLASTICS: grog

VESSEL FORM: carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 6.7 mm, body; 10.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.2

ORIFICE DIAMETER (IN CM): 17.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.6

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 0.63 liters

DECORATION: The rim panel has an engraved scroll motif (Thurmond 1990:Figure 6b) that is repeated four times around the vessel. The scroll dividers are excised brackets

(Figure 74). The upper and lower scroll fill zones include ovals, rectangles, excised triangular areas, and ovals with a single central spur.

TYPE: Ripley Engraved, *var. Gandy*

**Figure 74. Ripley Engraved, *var. Gandy* carinated bowl, Burial 4, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 4, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Bowl (red clay within the vessel)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 3.3

ORIFICE DIAMETER (IN CM): 9.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.13 liters

DECORATION: The rim panel has engraved alternating nested triangles repeated eight times around the vessel. Each triangle has a smaller excised triangle within it.

TYPE: Ripley Engraved, *var. Williams*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 5, Pot 2

NON-PLASTICS: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 19.5

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 8.7

ESTIMATED VOLUME (IN LITERS): 2.6 liters

DECORATION: There are five rows of neck banding on the vessel rim, along with four sets of two appliqued nodes arranged vertically on the rim (Figure 75).

TYPE: La Rue Neck Banded

**Figure 75. La Rue Neck Banded jar, Burial 5, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 5, Pot 5

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 8.0 mm, body

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 30.4

ORIFICE DIAMETER (IN CM): 25.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.3

BASE DIAMETER (IN CM): 9.9

ESTIMATED VOLUME (IN LITERS): 10.1 liters

DECORATION: There are closely-spaced vertical incised lines on the rim and a single broad horizontal incised line at the rim-body juncture (Figure 76).

TYPE: Unidentified incised utility ware

**Figure 76. Incised jar, Burial 5, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 5, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Bottle with four body peaks (Figure 77)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.8

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.7; 10.5 cm maximum body diameter

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: The vessel body has a concentric circle motif repeated four times around the vessel; the motif is centered on the body peaks (Figure 77). The middle concentric circle has triangular excised tick marks on it. Each of the circles are divided from each other by upper and lower excised triangles and a single connecting vertical engraved line. The upper excised triangles have negative ovals with a single spur or curved hook (cf. Thurmond 1990:Figure 6e, h) within the ovals. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 77. Ripley Engraved, *var. unspecified* bottle, Burial 5, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 6, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body; fire clouding on rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 27.6

ORIFICE DIAMETER (IN CM): 17.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 10.4

ESTIMATED VOLUME (IN LITERS): 6.3 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has 61 rows of closely-spaced vertical fingernail punctates that extend from the rim-body juncture to 6.0 cm above the base (Figure 78).

TYPE: cf. Pease Brushed-Incised

**Figure 78. cf. Pease Brushed-Incised jar, Burial 6, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 6, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, body; 10.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.8

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.8

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 4.7 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated six times around the vessel (Figure 79). Upper and lower scroll fill zones include ovals and triangular excised areas. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 79. Ripley Engraved, *var. Carpenter* carinated bowl rim sherd, Burial 6, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 6, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 21.7

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.7

BASE DIAMETER (IN CM): 11.0

ESTIMATED VOLUME (IN LITERS): 3.5 liters

DECORATION: The rim has randomly placed tool punctations that cover the rim surface, while the body has vertical brushing marks that extend to 4.5 cm above the vessel base (Figure 80).

TYPE: Unidentified brushed-punctated utility ware vessel

**Figure 80. Brushed-punctated jar, Burial 6, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 6, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 31.0

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 3.9 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated four times around the vessel. The scroll fill zones are curvilinear in shape, and two sets have large excised triangular areas and small negative ovals. The other two sets have curvilinear engraved lines, one with tick marks, as well as a small negative oval with a central spur element. There is also an interior engraved line at the carination and encircling the vessel base.

TYPE: cf. Ripley Engraved, *var. Carpenter*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 6, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Compound bowl; there is at least one suspension hole on the upper rim panel. The vessel is glauconite-stained on both interior and exterior vessel surfaces (Figure 81).

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.6

ORIFICE DIAMETER (IN CM): 9.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.4

BASE DIAMETER (IN CM): 3.6

ESTIMATED VOLUME (IN LITERS): 0.51 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel (Figure 81). There is also a single engraved line on the interior of the vessel that encircles the base. The scroll fill zones include a single excised triangle. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 81. Ripley Engraved, *var. Carpenter* compound bowl, Burial 6, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 6, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

EXTERIOR SURFACE COLOR: yellowish-brown (5YR 5/4); fire clouding on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 21.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.0

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated five times around the vessel (Figure 82). The scroll fill zone consists of single upper and lower cross-hatched triangles, rather than ovals and negative ovals (cf. Thurmond 1990:Figure 6f). There is an interior engraved line at the vessel carination point, and a white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *Carpenter*

**Figure 82. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 6, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 7, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, body; 8.7 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.9

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 4.3 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated four times on the vessel. The upper and lower scroll fill zones are curvilinear in shape, with one semi-circle and a cross-hatched triangular area within each fill zone (Figure 83).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 83. Ripley Engraved, *var. Carpenter* carinated bowl rim sherds, Burial 7, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 7, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, body

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.6

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 3.6 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated six times around the vessel (Figure 84). The upper and lower scroll fill zones include ovals and excised areas. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *Carpenter*

**Figure 84. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 7, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 7, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 85)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim; 6.6 mm, body; 7.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.3

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.6

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The upper rim panel has two widely-spaced horizontal engraved lines. Between them are four sets of semi-circles that are nested under and across the rim peaks. Two of these semi-circles have a single internal engraved and open triangle, and the other two have a single internal semi-circle (Figure 85). Also on the upper rim panel between the rim peaks are alternating diagonal engraved lines on either side of excised pendant triangles, reminiscent of both Turner Engraved, *var. Turner* and *var. Horton* vessels, though these as currently defined occur on the lower rim panel on Turner Engraved vessels (see Figure 5a, c). The lower rim panel is plain on this vessel.

TYPE: Unidentified engraved fine ware

**Figure 85. Engraved compound bowl of unidentified type, Burial 7, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 7, Pot 9

NON-PLASTICS: bone and grog

VESSEL FORM: Bowl, rattle

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 7.9

ORIFICE DIAMETER (IN CM): 11.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 0.37 liters

DECORATION: There are four to five rows of small appliqued nodes covering the rim and body of the vessel, as well as two opposing large appliqued nodes on opposite sides of the vessel (Figure 86).

TYPE: Moore Noded

**Figure 86. Moore Noded bowl, Burial 7, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 7, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the body and neck

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.1; maximum body diameter is 8.7 cm

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.22 liters

DECORATION: The vessel body has four panels with alternating engraved motifs repeated twice; the panels are separated by upper and lower triangles and a single connecting vertical engraved line (Figure 87). The first motif consists of concentric circles (four circles in total), one line of which has small tick marks on it. The second motif is two nested diamonds within an engraved circle. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 87. Ripley Engraved, *var. unspecified* bottle, Burial 7, Pot 10, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 8, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with eight rim peaks (Figure 88)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/6); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 15.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.8

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 0.70 liters

DECORATION: The rim has two horizontal engraved lines and the upper part of eight engraved vertical panels that extend onto the vessel body. Each of these panels has a unique engraved design that includes different combinations of triangles, circles, ovals, and/or concentric arcing lines (Figure 88).

TYPE: Unidentified engraved fine ware

**Figure 88. Engraved carinated bowl of unknown type, Burial 8, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 8, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.7

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.29 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) that is repeated six times around the vessel. The upper and lower scroll fill zones consist of single large excised triangles (Figure 89). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 89. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 8, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 8, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.2

ORIFICE DIAMETER (IN CM): 11.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.9

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.42 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel rim. There is a single vertical engraved line separating each of the continuous scroll motifs (Figure 90). The upper and

lower scroll fill zones include ovals and triangular excised areas. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 90. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 8, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 8, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim; 7.4 mm, body; 7.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 4.4 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated seven times around the vessel. The upper and lower scroll fill

zones include a single negative oval outlined by cross-hatched or hatched engraved lines (Figure 91).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 91. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 8, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 9, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 15.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.9

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 0.65 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel (Figure 92). The upper and lower scroll fill zones include ovals, excised triangular areas, and cross-hatched columns.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 92. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 9, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 9, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Stacked vessels: the top vessel is a bottle with a collar at the neck-body juncture and four body peaks, while the lower vessel is a jar with an everted rim (Figure 93).

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light brown (7.5YR 6/4)

EXTERIOR SURFACE COLOR: light brown (7.5YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.1; maximum body diameter for the upper bottle is 6.5 cm, and 7.0 cm for the lower vessel

BASE DIAMETER (IN CM): 7.0, upper bottle; 4.5 cm, lower vessel

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: The upper vessel, a bottle, has engraved semi-circles and small hatched triangular elements repeated four times around the body. Each principal semi-circle has two semi-circles within it, one of which has outward-facing hatched pedant triangles (Figure 93). The lower vessel has a Wilder Engraved, *var. Wilder* motif that consists of curvilinear and hooked arm scrolls with two arms that meet at an excised circle; there are

widened excised areas on the scroll arms opposite the central excised circle. Each arm of the scroll begins at an upper and lower engraved triangle (Figure 93). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley-Wilder Engraved

**Figure 93. Ripley-Wilder Engraved compound vessel, Burial 9, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 9, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.8

ORIFICE DIAMETER (IN CM): 11.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.7

BASE DIAMETER (IN CM): 5.1

ESTIMATED VOLUME (IN LITERS): 0.33 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel (Figure 94).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 94. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 9, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 10, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light reddish-brown (5YR 6/5)

EXTERIOR SURFACE COLOR: light reddish-brown (5YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim; 5.6 mm, body; 7.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 29.0

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.2

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 11.7 liters

DECORATION: The vessel rim has three widely-spaced rows of tool punctates, as well as individual appliqued nodes set on the rim underneath the rim peaks and between two of the punctated rows.

TYPE: Mockingbird Punctated

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 10, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim; 6.2 mm, body

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.3

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements are engraved circles and diamonds, each repeated twice on the vessel; the central circles and diamonds have a small centrally-placed diamond within them (Figure 95). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

**Figure 95. Ripley Engraved, *var. McKinney* carinated bowl, Burial 10, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 10, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 4.6

ORIFICE DIAMETER (IN CM): 11.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.7

ESTIMATED VOLUME (IN LITERS): 0.21 liters

DECORATION: There is a single broad horizontal incised line on the upper part of the vessel, under the lip, above a zone of five linear punctated rows that covers the remainder of the exterior surface (Figure 96). These punctated rows extend to the vessel base.

TYPE: Unidentified incised-punctated utility ware

**Figure 96. Incised-punctated bowl, Burial 10, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 11, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 30.2

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.4

BASE DIAMETER (IN CM): 9.8

ESTIMATED VOLUME (IN LITERS): 10.2 liters

DECORATION: There is a continuous series of closely-spaced diagonal incised lines on the vessel rim (Figure 97). Some of these incised lines extend onto the upper part of the vessel body.

TYPE: Maydelle Incised

**Figure 97. Maydelle Incised jar, Burial 11, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 11, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks and four appliqued loop handles under the peaks (Figure 98)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); organic residue on the vessel body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.5

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.79 liters

DECORATION: The vessel rim is plain but roughened, but the vessel body is divided into four panels by vertical appliqued ridges that begin under the rim peak and at the rim-body juncture and extend to near the vessel base. Within each panel are appliqued ridge chevrons that begin at the rim-body juncture and extend towards the vessel base (Figure 98).

TYPE: Harleton Appliqued

**Figure 98. Harleton Appliqued jar, Burial 11, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 11, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 6.2 mm, body

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.8

ORIFICE DIAMETER (IN CM): 15.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 0.89 liters

DECORATION: The rim has three widely-spaced horizontal engraved lines. The vessel body has four engraved panels defined by two vertical engraved lines, one on each side of the panels, and each panel has a central engraved circle (Figure 99). Within the central circle is a smaller excised circle. To either side of the central circle, but within the panel, are excised brackets with single engraved spurs.

TYPE: Unidentified engraved fine ware

**Figure 99. Engraved jar of unknown type, Burial 11, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 11, Pot 8

NON-PLASTICS: grog and bone

VESSEL FORM: rattle bowl (Figure 100); there are pieces of glauconite within the vessel

RIM AND LIP FORM: inverted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 7.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.14 liters

DECORATION: There are appliqued nodes in three to four rows covering the entire exterior vessel surface (Figure 100). These surround two opposed larger (30 mm in diameter) appliqued nodes that would have held rattle stones.

TYPE: Moore Noded

**Figure 100. Moore Noded bowl, Burial 11, Pot 8, Tuck Carpenter site. Note evidence of the attachment for the larger appliqued node, which subsequently fell off the vessel.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 12, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.5

ORIFICE DIAMETER (IN CM): 28.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim panel has an engraved scroll motif (Thurmond 1990:Figure 6b) repeated four times around the vessel. The scroll dividers include negative and backward-shaped S elements (Figure 101).

TYPE: Ripley Engraved, *var. Gandy*

**Figure 101. Ripley Engraved, *var. Gandy* carinated bowl, Burial 12, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 12, Pot 5

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.6

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The rim panel has an engraved scroll motif repeated four times around the vessel. The scrolls are divided by excised and cross-hatched engraved brackets, while the scroll fill zones have negative ovals and rectangles with excised triangles and tick marks, or are cross-hatched (Figure 102). There is an interior engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. unspecified*, but resembles *var. Gandy*

**Figure 102. Ripley Engraved, *var. unspecified* carinated bowl, Burial 12, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 12, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Bottle with a slightly flaring neck, and a square body with four body peaks (Figure 103)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.9; 9.1 maximum body diameter

BASE DIAMETER (IN CM): 6.9

ESTIMATED VOLUME (IN LITERS): 0.40 liters

DECORATION: The vessel body has alternating concentric circle (centered on the body peaks) and diamond elements repeated four times each; these elements are centered over the body peaks (Figure 103). The engraved diamonds have a small central circle within them, while the concentric circles are comprised of three engraved circles, one of which has triangular tick marks. Above each set of concentric circles is a curvilinear fill zone with two negative ovals and hatched lines; one of the negative ovals has a small engraved spur within it. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Ripley*

**Figure 103. Ripley Engraved, *var. Ripley* engraved bottle, Burial 12, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 12, “Shard” (large rim and body sherd from a large jar)

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim; 6.5 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has vertical brushing marks, while the body has horizontal brushing-combing marks (Figure 104).

TYPE: cf. Bullard Brushed

**Figure 104. cf. Bullard Brushed rim and body sherd, Burial 12, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 13, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 23.1

ORIFICE DIAMETER (IN CM): 18.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.6

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 3.8 liters

DECORATION: The rim has three widely-spaced rows of tool punctates, while the vessel body has vertical incised lines that extend to within 8.0 cm of the vessel base (Figure 105).

TYPE: Unidentified incised-punctated utility ware

**Figure 105. Incised-punctated jar, Burial 13, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 14, Pot 3

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residues; fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 7.7 mm. body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 24.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.0

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 3.0 liters

DECORATION: The rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central engraved circle element has a small centrally-placed circle within it, and this small circle has four small tick marks or rays (Figure 106).

TYPE: Ripley Engraved, *var. Galt*

**Figure 106. Ripley Engraved, *var. Galt* carinated bowl, Burial 14, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 14, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.7 mm, rim; 8.1 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 27.0+

ORIFICE DIAMETER (IN CM): 25.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.6

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 10.4+ liters

DECORATION: The rim has horizontal brushing marks (Figure 107).

TYPE: Unidentified brushed utility ware

**Figure 107. Brushed jar, Burial 14, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 15, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Bottle with a slightly flaring neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 4.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.7; maximum body diameter is 8.0 cm

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.24 liters

DECORATION: Plain (Figure 108)

TYPE: Unidentified plain ware bottle

**Figure 108. Plain bottle, Burial 15, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 15, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 14.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.1

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The rim has three widely-spaced rows of tool punctations. The vessel body is divided into five panels by vertical scroll-like appliqued fillets, and each of the panels are filled with an unpatterned arrangement of diagonal, horizontal, vertical, and cross-hatched incised lines (Figure 109).

TYPE: Unidentified incised-appliqued-punctated utility ware

**Figure 109. Punctated-incised-appliqued jar, Burial 15, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 15, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim; 5.9 mm, body; 5.9 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.7

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 0.83 liters

DECORATION: The rim panel has four sets of alternating engraved nested triangle motifs. The nested triangle motif includes a negative oval and spur within the nested triangle itself, opposite two small excised negative oval elements enclosed within the larger motif (Figure 110). Each nested triangle is divided by a single vertical engraved line. The engraved lines also have a white clay pigment rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Williams*

**Figure 110. Ripley Engraved, *var. Williams* carinated bowl rim sherds, Burial 15, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 15, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, body; 7.4 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved horizontal diamond motif (Thurmond 1990:Figure 6i) repeated six times around the vessel. There are three sets of horizontal diamonds within the motif, the innermost of which has excised corners, creating a negative oval within the diamond. The diamonds themselves are outlined by cross-hatched engraved triangles at the corners of each of the rectangular panels (Figure 111). The six panels are each separated by two vertical engraved lines on the rim. A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 111. Ripley Engraved, *var. unspecified* carinated bowl, Burial 15, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 16, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residues; fire clouding on the body and the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.2

ORIFICE DIAMETER (IN CM): 21.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.4

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated eight times around the vessel (Figure 112). The upper and lower scroll fill zones have negative ovals and excised areas.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 112. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 16, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 16, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a flat Redwine mode (16 scallops) lip (Figure 113a-b) (Walters n.d.)

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.8

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The rim panel has a scroll and semi-circle engraved motif repeated five times around the vessel. One of the semi-circles has a centrally-placed circle within it, but the other four have small centrally-placed interior semi-circles (Figure 113a). The scroll fill zones have negative ovals and excised triangular areas. A single interior engraved line is present at the vessel carination. A white clay pigment has been rubbed in the exterior surface engraved lines.

TYPE: Ripley Engraved, *var. Caldwell*

**Figure 113. Ripley Engraved, *var. Caldwell* carinated bowl, Burial 16, Pot 7, Tuck Carpenter: a, side view of vessel; b, top view of the Redwine mode lip.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 16, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 22.5

ORIFICE DIAMETER (IN CM): 21.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.6

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 4.3 liters

DECORATION: The rim has three equally-spaced rows of tool punctates, divided into panels by four vertical appliqued fillets (Figure 114).

TYPE: cf. Mockingbird Punctated

**Figure 114. cf. Mockingbird Punctated jar, Burial 16, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 17, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 30.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.3

BASE DIAMETER (IN CM): 10.8

ESTIMATED VOLUME (IN LITERS): 5.0 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated six times around the vessel (Figure 115). The upper and lower scroll fill zones include rectangular areas defined by hatching and excised columns and triangles.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 115. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 17, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 17, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar with four small (23 x 13 mm in length and width) strap handles (Figure 116)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1); fire clouding

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.4

ORIFICE DIAMETER (IN CM): 14.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim is roughened (cf. Suhm and Jelks 1962:97) (Figure 116).

TYPE: cf. McKinney Plain

**Figure 116. cf. McKinney Plain jar, Burial 17, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 17, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.30 liters

DECORATION: There are two horizontal engraved lines encircling the top of the bowl. The vessel also has seven alternating engraved bird heads (with beaks and eyes) sitting atop engraved triangles (Figure 117). In place of the eighth bird head is a broad hooked arm element atop an engraved triangle. A white clay pigment has been rubbed in the engraved lines.

TYPE: Johns Engraved

**Figure 117. Johns Engraved bowl, Burial 17, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 18, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.0 mm, rim; 6.8 mm, body; 8.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.3

BASE DIAMETER (IN CM): 6.6

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved continuous scroll repeated six times around the vessel (cf. *var*. *Carpenter*), but each scroll is divided from one another by a single vertical engraved line. The outer line of the upper and lower scroll fill zones have engraved pendant triangles (Figure 118).

TYPE: Ripley Engraved, *var*. *unspecified*

**Figure 118. Ripley Engraved, *var. unspecified* carinated bowl, Burial 18, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 18, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 11.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.4

BASE DIAMETER (IN CM): 4.8

ESTIMATED VOLUME (IN LITERS): 0.27 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated five times around the vessel; the motifs are divided by a single vertical engraved line. The upper and lower scroll fill zones consist of large excised triangle elements.

TYPE: Ripley Engraved, *var. unspecified*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 19, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.1 mm, rim; 9.9 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 43.0+

ORIFICE DIAMETER (IN CM): 33.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 18.4+ liters

DECORATION: The rim has three widely-spaced rows of tool punctations, and vertical brushing on the vessel body (Figure 119).

TYPE: Unidentified brushed-punctated utility ware

**Figure 119. Brushed-punctated jar rim and body sherds, Burial 19, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 19, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar with a short rim (Figure 120)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim; 5.5 mm. body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 18.4

ORIFICE DIAMETER (IN CM): 15.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.1

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 2.6 liters

DECORATION: The rim has three rows of tool punctates, one row below the lip, a second midway down the rim, and the third row at the rim-body juncture. The vessel body has 35 vertical appliqued ridges that extend from the rim-body juncture to the base of the vessel (Figure 120).

TYPE: Cass Appliqued

**Figure 120. Cass Appliqued jar, Burial 19, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 19, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); organic residue on the rim

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim; 7.2 mm, body; 9.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central element is an engraved circle, and each of the four large circles have a small central negative circle with four excised rays (Figure 121). There is also an interior horizontal engraved line at the vessel carination.

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 121. Ripley Engraved, *var. McKinney* carinated bowl, Burial 19, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 19, Pot 10a

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, rim; 6.6 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved scroll motif repeated four times around the rim. Scroll dividers are excised brackets, and the scroll fill zones include a narrow, horizontal, excised area, and a single excised pendant triangle.

TYPE: Ripley Engraved, *var. unspecified*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 19, Pot 10b

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: missing

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel body has engraved curvilinear scrolls with two arms that meet at a small cross-hatched circle; the scrolls are repeated four times. There are expanded cross-hatched areas on each scroll arm that are opposite the central circle (Figure 122). The scrolls themselves begin from upper and lower hatched engraved triangles.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 122. Wilder Engraved, *var. Wilder* bottle, Burial 19, Pot 10b, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 19, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight to flaring neck and four body peaks (Figure 123)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.0 mm, neck

INTERIOR SURFACE TREATMENT: smoothed at the top of the neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 19.2

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.3; maximum body diameter is 14.5 cm

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The vessel body has a curvilinear engraved scroll motif repeated four times whose two arms curve around each other and meet at a central and open engraved circle; in this case, the central engraved circle surrounds each of the four body peaks (Figure 123). The scrolls have widened areas on each arm that are filled with hatched lines. The upper and lower scroll arms begin at the apex of upper and lower triangular elements with cross-hatched corners. A red clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 123. Wilder Engraved, *var. Wilder* bottle, Burial 19, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 20, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/4); fire clouding on the base

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 9.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.0

BASE DIAMETER (IN CM): 4.9

ESTIMATED VOLUME (IN LITERS): 0.44 liters

DECORATION: The rim has horizontal brushing marks, as well as a row of large square tool punctations at the rim-body juncture. The vessel body has three sets of appliqued chevrons (comprised of three appliqued ridge triangles and a small, short, vertical appliqued ridge), and diagonal to vertical brushing marks between each of the appliqued ridges in the chevron motif (Figure 124). Diagonal brushing marks also cover the vessel body outside of the appliqued chevrons.

TYPE: Unidentified brushed-punctated-appliqued utility ware

**Figure 124. Brushed-punctated-appliqued jar, Burial 20, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 20, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 125)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.6; 16.4 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.6

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The vessel rim has three sets of widely-spaced tool punctations on the rim, as well as appliqued lugs below each of the rim peaks. The vessel body has alternating nested appliqued fillet diamonds and triangles repeated five times around the vessel. The appliqued motif extends to just above the vessel base (Figure 125).

TYPE: cf. Harleton Appliqued

**Figure 125. cf. Harleton Appliqued jar, Burial 20, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 20, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 25.5

ORIFICE DIAMETER (IN CM): 19.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.4

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 6.5 liters

DECORATION: The rim has eight alternating incised triangles, each filled with diagonal rows of tool punctates (Figure 126).

TYPE: cf. Maydelle Incised

**Figure 126. cf. Maydelle Incised jar, Burial 20, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.2 mm, rim; 9.0 mm, body; 13.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the body

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 33.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.3

BASE DIAMETER (IN CM): 11.0

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has closely spaced diagonal incised lines, as well as two rows of tool punctations. These are immediately below the lip and at the rim-body juncture (Figure 127).

TYPE: Unidentified incised-punctated utility ware

**Figure 127. Incised-punctated jar rim sherds, Burial 21, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/2); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim; 6.8 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim has horizontal brushing, and the body has overlapping brushing marks that extend to within 3.5 cm of the vessel base (Figure 128).

TYPE: Bullard Brushed

**Figure 128. Bullard Brushed jar, Burial 21, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 11a

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim; 6.9 mm, body; 8.5 mm, base

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 18.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.3

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.85 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel; there are no upper and lower scroll fill zones per se, only a linear area of excising. The scrolls are divided by excised vertical zones with a negative S-shaped element (Figure 129). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

**Figure 129. Ripley Engraved, *var. Gandy* carinated bowl, Burial 21, Pot 11a, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 11b

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red (10R 5/6)

EXTERIOR SURFACE COLOR: red (10R 5/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim; 7.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 25.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.1

BASE DIAMETER (IN CM): 9.2

ESTIMATED VOLUME (IN LITERS): 3.1 liters

DECORATION: The rim has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel. The upper and lower scroll fill zones include negative ovals, excised brackets, and excised triangular areas. There is a red slip on both interior and exterior vessel surfaces (Figure 130).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 130. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 21, Pot 11b, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 12

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.3

ORIFICE DIAMETER (IN CM): 11.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM): 4.8

ESTIMATED VOLUME (IN LITERS): 0.37 liters

DECORATION: The rim panel has four sets of nested engraved triangle motifs around the vessel. Each set includes a excised triangle with a negative oval within it, as well as a large triangle nested above it; the apex of both points towards the vessel rim. There are also two small excised triangles with negative ovals pendant from the rim, and on either side of the larger nested triangle element (Figure 131). There are also interior engraved lines at the carination and around the base.

TYPE: Ripley Engraved, *var. unspecified*, but cf. *var. Williams*

**Figure 131. Ripley Engraved, *var. unspecified* carinated bowl, Burial 21, Pot 12, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 13

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the base

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.5

ORIFICE DIAMETER (IN CM): 27.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.5

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. The scroll dividers are excised brackets with negative circles and rudimentary S-shaped elements with spurs cut into it (Figure 132).

TYPE: Ripley Engraved, *var. Gandy*

**Figure 132. Ripley Engraved, *var. Gandy* carinated bowl, Burial 21, Pot 13, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 14

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 133)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.3; 8.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.8

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): 0.83 liters

DECORATION: The upper rim panel has a single horizontal engraved line. Above that line, and on each rim peak, there is a negative oval-shaped area (as also seen on Turner Engraved, *var*. *Horton* vessels) as well as a series of short vertical engraved lines. On the lower rim panel is a simplified engraved scroll and circle motif repeated four times around the vessel (Figure 133). Each central circle element is composed of only a single engraved open circle, with no interior elements.

TYPE: cf. Ripley Engraved, *var*. *unspecified*

**Figure 133. Ripley Engraved, *var. unspecified* compound bowl, Burial 21, Pot 14, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 15

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: light brownish-gray (10YR 6/2); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the body

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has three widely-spaced rows of tool punctates. The vessel body has a series of widely-spaced vertical incised lines that extend to within 2.5 cm of the base (Figure 134).

TYPE: Unidentified incised-punctated utility ware

**Figure 134. Punctated-incised jar, Burial 21, Pot 15, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 21, Pot 16

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: missing

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.6+

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.0; maximum body diameter is 17.2 cm

BASE DIAMETER (IN CM): 10.6

ESTIMATED VOLUME (IN LITERS): 0.50+ liters

DECORATION: The body panel, below three horizontal engraved lines encircling the area under the bottle neck, consists of three repeating sets of engraved circles and engraved diamonds, each with triangular tick marks on their outer line (Figure 135). The engraved diamonds have a single internal diamond, while the engraved circles have two internal circles, one which has a cross element. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *Ripley*

**Figure 135. Ripley Engraved, *var. Ripley* bottle, Burial 21, Pot 16, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 22, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 10.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.5

ORIFICE DIAMETER (IN CM): 22.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.0

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim has an engraved continuous scroll motif repeated seven times around the vessel. The outer engraved line of the upper and lower scroll fill zones have small triangular tick marks on them, and the remainder of the scroll fill zone consists of a single large excised triangle (Figure 136).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 136. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 22, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 22, Pot 5

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 11.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.9

BASE DIAMETER (IN CM): 5.3

ESTIMATED VOLUME (IN LITERS): 0.63 liters

DECORATION: The upper rim panel has two horizontal engraved lines. The lower rim panel has five sets of alternating excised triangles. The alternating triangles in the set are separated by a short diagonal line, while the sets are divided by a single short vertical engraved line (Figure 137).

TYPE: Turner Engraved, *var. Turner*

**Figure 137. Turner Engraved, *var. Turner* compound bowl, Burial 22, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 22, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.1

ORIFICE DIAMETER (IN CM): 25.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.7

BASE DIAMETER (IN CM): 9.8

ESTIMATED VOLUME (IN LITERS): 3.2 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved circle and nested triangle motif repeated five times around the vessel. Each central circle has a small internal circle and cross element (Figure 138), while the nested triangles each contain negative ovals, one of which also has a small engraved spur element.

TYPE: Ripley Engraved, *var. Cash*

**Figure 138. Ripley Engraved, *var. Cash* compound bowl, Burial 22, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 22, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding on the body and the base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 25.5

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.0

BASE DIAMETER (IN CM): 9.7

ESTIMATED VOLUME (IN LITERS): 7.65 liters

DECORATION: The rim has a punctated motif that includes a row of tool punctates beneath the lip, nine vertical tool punctated columns, and nine triangular punctated elements between each of the vertical columns. There is also a single row of tool punctations on the upper body (Figure 139). This row is situated above 31 vertical incised lines on the vessel body, and these extend to within 3.0 cm of the vessel base.

TYPE: Unidentified incised-punctated utility ware

**Figure 139. Incised-punctated jar, Burial 22, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 22, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, lower rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.7+

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.1

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has two horizontal engraved lines on it. The vessel body has four sets of curvilinear scrolls with two (upper and lower) arms, the arms meeting at a small central excised circle. Each of the scroll arms begins at the apex of upper and lower hatched triangles pendant from the rim-body juncture or the vessel base (Figure 140).

TYPE: Wilder Engraved, *var. Wilder*

**Figure 140. Wilder Engraved, *var. Wilder* jar, Burial 22, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks and two opposed suspension holes on the rim, underneath two of the rim peaks (Figure 141)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 5.5 mm, body

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.4; 9.9 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 9.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.0

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.52 liters

DECORATION: The rim has three widely spaced horizontal engraved lines on it. The engraved panel on the body has a single horizontal engraved line at the top as well as two horizontal lines just above the base. The body panel has a large engraved circle motif that fills the panel, and is repeated four times around the vessel. The large circle has two smaller circles within it, one of which has triangular tick marks on it. The large circles on the panel are divided by excised brackets that have lower and upper negative ovals (Figure 141).

TYPE: Unidentified engraved fine ware

**Figure 141. Engraved compound bowl of unknown type, Burial 23, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 13.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.3

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.53 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated five times around the vessel. The scroll fill zones for the motif are schematic, and consist of only an upper and lower excised triangle in each zone (Figure 142).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 142. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 23, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 4

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim; 6.5 mm, body; 7.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.5

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The short rim has horizontal brushing marks, with two rows of tool punctations pushed through the brushing, one at the rim-body juncture. The vessel body has widely-spaced vertical incised lines that extend to within 4.0 cm of the base (Figure 143).

TYPE: Unidentified incised-punctated-brushed utility ware

**Figure 143. Incised-punctated-brushed jar, Burial 23, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 16.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.9

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has two widely-spaced horizontal engraved lines. The vessel body has an engraved panel with a scroll and circle motif repeated four times around the vessel. The central circles have a single internal circle with seven triangular tick marks or excised rays on it. The upper and lower scroll fill zones are rectangular to curvilinear zones with triangular tick marks along their outer engraved lines (Figure 144).

TYPE: Ripley Engraved, *var. Galt*

**Figure 144. Ripley Engraved, *var. Galt* jar, Burial 23, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.3-5.0 mm, rim; 4.9 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.3

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.92 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel (Figure 145). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

**Figure 145. Ripley Engraved, *var. Galt* compound bowl, Burial 23, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 7

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim with a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim; 6.7 mm, body; 7.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 21.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 3.2 liters

DECORATION: The rim has an engraved motif that is repeated seven times around the vessel. The motif differs from the classic scroll in that the scroll itself contains both upper and lower circles instead of a simple scroll line (see Thurmond 1990:Figure 6b). These engraved circles have a small internal circle with excised rays. The scroll dividers are excised brackets with negative backward S-shaped elements (Figure 146). A white clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var*. *Gandy*

**Figure 146. cf. Ripley Engraved, *var. Gandy* carinated bowl rim sherds, Burial 23, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 14.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.6

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The rim panel has an engraved bisected diamond motif repeated four times around the vessel (Figure 147). Three times the motif consists of one large bisected diamond and one small excised bisected diamond, as well as upper and lower excised triangles; the fourth time also has two bisected diamonds, but the large one only fills half the panel and has a single horizontal engraved line emerging from its apex. Each of the motifs are divided by a single vertical engraved line. The vessel also has an interior engraved line at the carination point.

TYPE: Ripley Engraved, *var*. *Reed*

**Figure 147. Ripley Engraved, *var. Reed* carinated bowl, Burial 23, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Bottle with a collared neck and a carinated body (Figure 148)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (2.5YR 5/4)

EXTERIOR SURFACE COLOR: reddish-brown (2.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.8

ORIFICE DIAMETER (IN CM): 4.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.8; maximum body diameter is 14.3 cm

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 0.68 liters

DECORATION: The vessel has an exterior red slip, and the red slip was also applied to the upper interior bottle neck. The upper body also has raised chevron-shaped areas (Figure 148).

TYPE: Unidentified red-slipped fine ware

**Figure 148. Red-slipped bottle, Burial 23, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 23, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the body and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim; 7.0 mm, body; 8.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 25.7

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.2

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 7.3 liters

DECORATION: There are three broad rows of neck banding on the vessel rim (Figure 149).

TYPE: La Rue Neck Banded

**Figure 149. La Rue Neck Banded jar, Burial 23, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 24, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 150)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.3; 14.5 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has three widely-spaced rows of tool punctates (Figure 150). The rim also has two sets of two appliqued nodes placed under two of the rim peaks, and there are thick vertical appliqued ridges under the other two rim peaks. The vessel body has broadly-spaced diagonal incised lines that extend from the rim-body juncture to 3.3 cm above the vessel base.

TYPE: Unidentified incised-punctated-appliqued utility ware

**Figure 150. Punctated-appliqued-incised jar, Burial 24, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 24, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 17.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.7

BASE DIAMETER (IN CM): 6.6

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The rim panel has an engraved scroll motif repeated four times around the vessel. In two instances, the scroll divider is a single vertical engraved line, while in two others it is an excised bracket. The scroll fill zones are excised, and each have a single negative oval within them. The oval has a central dash or spur (Figure 151).

TYPE: cf. Ripley Engraved, *var. Gandy*

**Figure 151. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 24, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 24, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.9 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.2

ORIFICE DIAMETER (IN CM): 25.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.3

BASE DIAMETER (IN CM): 8.9

ESTIMATED VOLUME (IN LITERS): 3.3 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel. The scroll fill zones each have two negative ovals with either vertical dividing lines or short centrally-placed spurs within them (Figure 152).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 152. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 24, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 24, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim; 5.6 mm, body; 9.3 mm, base

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A; 7.1 cm upper/lower panel height

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 1.6+ liters

DECORATION: The upper rim panel has three equally and broadly-spaced horizontal engraved lines. The lower rim panel has an engraved continuous scroll motif repeated five times around the vessel (Figure 153). The upper and lower scroll fill zones consist of hatched triangular areas instead of ovals or negative ovals. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 153. Ripley Engraved, *var. Carpenter* compound bowl rim sherds, Burial 24, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 25, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Bottle with a flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.8; 16.5 cm maximum body diameter

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.41 liters

DECORATION: The vessel body has hooked arm engraved scrolls that are repeated three times, with the two arms beginning at upper and lower triangles. In this case the hooked arms to not meet at a central excised or cross-hatched engraved circle, but there are expanded cross-hatched areas on each arm of the scroll opposite the hooked arms (Figure 154). Two of the three upper and lower triangles have an oval outlined by cross-hatching, while the third set has cross-hatching in all three corners.

TYPE: Wilder Engraved, *var. unspecified*

**Figure 154. Wilder Engraved, *var. unspecified* bottle, Burial 25, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 25, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown (10YR 4/4)

EXTERIOR SURFACE COLOR: dark yellowish-brown (10YR 4/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim, upper panel; 6.4, rim, lower panel; 5.6 mm, body; 8.9 mm, base

INTERIOR SURFACE TREATMENT: burnished on the upper and lower rim panels

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.94 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines on it. The lower rim panel includes 12 large excised pendant triangles, each separated from the other by short vertical engraved lines (Figure 155). The interior and exterior vessel surfaces have also been red-slipped.

TYPE: Turner Engraved, *var. Turner*

**Figure 155. Turner Engraved, *var. Turner* compound bowl, Burial 25, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 25, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open area)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: gray (10YR 5/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim; 7.4 mm, body

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 36.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 35.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central circle in each motif has a smaller internal circle with a central excised dot; this smaller circle has triangular tick marks or excised rays on it (Figure 156). The same triangular tick marks are on the outer engraved lines of the upper and lower scroll fill zones.

TYPE: Ripley Engraved, *var. Galt*

**Figure 156. Ripley Engraved, *var. Galt* compound bowl, Burial 25, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 26, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red (10R 4/8)

EXTERIOR SURFACE COLOR: red (10R 4/8)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim, upper panel; 7.9 mm, rim, lower panel; 10.3 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 21.6

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 9.6

ESTIMATED VOLUME (IN LITERS): 4.3 liters

DECORATION: The upper rim panel has an engraved interlocking horizontal scroll motif (see Thurmond 1990:Figure 6g, *var*. *Pilgrims*) (Figure 157a). The lower rim panel features large engraved semi-circles repeated six times around the vessel. Each set of semi-circles have a small central engraved circle with excised rays. Dividing each set of semi-circles are excised brackets with three negative ovals, and these brackets are attached to areas with vertical excised and engraved lines as well as small circles with an internal excised dot (Figure 157b). The interior and exterior vessel surfaces have been red-slipped, and a white clay pigment has also been rubbed in the engraved designs.

TYPE: Ripley Engraved, *var*. *unspecified*

**Figure 157. Ripley Engraved, *var. unspecified* compound bowl, Burial 26, Pot 2: a, upper rim panel; b, lower rim panel sherds.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 26, Pot 3

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: light brown (7.5YR 6/3); fire clouding on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 13.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.2

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim of the vessel has horizontal brushing marks, while the vessel body has vertical brushing marks that extend to within 1.0 cm of the base (Figure 158).

TYPE: Bullard Brushed

**Figure 158. Bullard Brushed jar, Burial 26, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 26, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.6

ORIFICE DIAMETER (IN CM): 30.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.5

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 4.0 liters

DECORATION: The rim has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated eight times around the vessel (Figure 159). The upper and lower scroll fill zones have cross-hatched columns and triangular areas, and one has part of an oval with a broad excised spur along one edge.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 159. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 26, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 26, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim, body, and base; organic residues on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 7.0 mm, body; 9.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 29.3

ORIFICE DIAMETER (IN CM): 24.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.2

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 9.2 liters

DECORATION: The rim has four rows of diagonal tool punctations in five panels each divided by three rows of vertical tool punctations (Figure 160).

TYPE: Unidentified punctated utility ware

**Figure 160. Punctated jar, Burial 26, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 26, Pot 7

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim, body, and base; organic residues on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 7.7 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 13.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has five rows of diagonal tool punctations, as well as a single horizontal incised line at the rim-body juncture. The vessel body has vertical brushing marks that extend to within 4.0 cm of the base (Figure 161).

TYPE: Unidentified brushed-punctated utility ware

**Figure 161. Punctated-incised-brushed jar, Burial 26, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 26, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 35.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 34.4

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel rim and body have vertical brushing marks. There is also a tool punctated row at the rim-body juncture (Figure 162).

TYPE: Bullard Brushed

**Figure 162. Bullard Brushed jar, Burial 26, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 27, Pot 1

NON-PLASTICS: grog and hematite

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 6.5 mm, body; 11.7 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 35.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has two widely-spaced horizontal engraved lines. The lower rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four or more times around the vessel.

TYPE: Ripley Engraved, *var. Carpenter*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 27, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown (10YR 4/4)

EXTERIOR SURFACE COLOR: dark yellowish-brown (10YR 4/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): N/A

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 15.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.1

BASE DIAMETER (IN CM): 4.4

ESTIMATED VOLUME (IN LITERS): 0.76 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated five times around the vessel. Each of the central circles in the motif has a centrally-placed engraved dot within them (Figure 163).

TYPE: Ripley Engraved, *var. Galt*

**Figure 163. Ripley Engraved, *var. Galt* compound bowl, Burial 27, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 27, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 6.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.3

BASE DIAMETER (IN CM): 3.5

ESTIMATED VOLUME (IN LITERS): 0.20 liters

DECORATION: The rim panel has a poorly executed set of ovals, semi-circles, circles, and single short scroll lines, in no apparent pattern (Figure 164).

TYPE: Unidentified engraved fine ware

**Figure 164. Engraved carinated bowl of unknown type, Burial 27, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 27, Pot 5

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with four rim peaks and four appliqued loop handles under the rim peaks (Figure 165)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.0; 16.5 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 16.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim and rim peaks have randomly placed tool punctates. The vessel body has four repeating and alternating sets of appliqued fillet chevrons (four or five appliqued lines) that extend to just above the vessel base (Figure 165).

TYPE: Harleton Appliqued

**Figure 165. Harleton Appliqued jar, Burial 27, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 27, Pot 7

NON-PLASTICS: bone, hematite, and grog

VESSEL FORM: Jar with four rim peaks and two strap handles (Figure 166)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim; 6.9 mm, body; 7.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.4+

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 0.96+ liters

DECORATION: The vessel rim has horizontal brushing marks; the strap handles are covered with punctations. The vessel body has four sets of appliqued fillet circles. Inside each circle is a smaller incised circle, a short horizontal appliqued fillet, and a small centrally-placed appliqued node. The large appliqued fillet circles were laid down atop a large incised circle, which is visible where the fillet has broken away from the vessel surface (Figure 166).

TYPE: Harleton Appliqued

**Figure 166. Harleton Appliqued jar, Burial 27, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 27, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim; 6.3 mm, body; 8.0 mm, base

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.9

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 4.0 liters

DECORATION: The rim has an engraved scroll motif (Thurmond 1990:Figure 6b) repeated four times around the vessel (Figure 167). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *Gandy*

**Figure 167. Ripley Engraved, *var. Gandy* carinated bowl rim sherds, Burial 27, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 28, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the body and base; organic residue on the upper and lower rim panels

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.4 mm, rim; 5.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.7

ORIFICE DIAMETER (IN CM): 19.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.0

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The upper rim panel has two widely-spaced horizontal incised lines. The lower rim panel has a poorly executed engraved horizontal scroll repeated four times, and each scroll motif is separated from the others by hatched brackets.

TYPE: Unidentified engraved fine ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 29, Pot 1

NON-PLASTICS: bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, body; 11.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.2+

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.4

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 2.7+ liters

DECORATION: The upper rim panel is plain, but the lower rim panel has 18 sets of alternate nested engraved triangles. Each of these large triangles has small engraved triangles at their three corners (Figure 168).

TYPE: cf. Ripley Engraved, *var. Williams*

**Figure 168. cf. Ripley Engraved, *var. Williams* compound bowl, Burial 29, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 29, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Bottle with a long slender neck

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: weak red (10R 4/4) only on the upper neck

EXTERIOR SURFACE COLOR: weak red (10R 4/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, neck

INTERIOR SURFACE TREATMENT: smoothed at the neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 4.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.3; maximum body diameter is 9.0 cm

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.35 liters

DECORATION: The vessel has a red slip on the exterior neck and body surface (Figure 169) as well as along the upper part of the interior bottle neck.

TYPE: Unidentified red-slipped fine ware

**Figure 169. Red-slipped bottle, Burial 29, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 29, Pot 7

NON-PLASTICS: grog and hematite

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red (2.5YR 4/6)

EXTERIOR SURFACE COLOR: red (2.5YR 4/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.7

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 0.98 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has four sets of large opposed cross-hatched engraved triangles that extend across the panel, separated from each other by either single vertical or diagonal engraved lines (Figure 170).

TYPE: Turner Engraved, *var. Turner*

**Figure 170. Turner Engraved, *var. Turner* compound bowl, Burial 29, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 29, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 4/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim; 7.9 mm, body; 14.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 32.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines on it. The lower rim panel has an engraved scroll motif (Thurmond 1990:Figure 6b) that is repeated four times around the vessel. The scroll dividers are excised brackets with negative backward S-shaped elements. Each of the scroll fill zones include excised areas with negative ovals that have a central small spur element within them (Figure 171).

TYPE: Ripley Engraved, *var. Gandy*

**Figure 171. Ripley Engraved, *var. Gandy* compound bowl, Burial 29, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 30, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with two rim panels and four rim peaks (Figure 172)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.0; 9.5 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 16.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 0.90 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and semi-circle motif repeated four times around the vessel. The central semi-circle element has a single diamond element within it (Figure 172).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 172. Ripley Engraved, *var. unspecified* carinated bowl, Burial 30, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 30, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 7.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.0

BASE DIAMETER (IN CM): 3.8

ESTIMATED VOLUME (IN LITERS): 0.19 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated six times around the vessel. The upper and lower scroll fill zones consist of a single large excised triangle (Figure 173).

TYPE: Ripley Engraved, *var*. *Carpenter*

**Figure 173. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 30, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 30, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 10.6

ORIFICE DIAMETER (IN CM): 9.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.7

BASE DIAMETER (IN CM): 4.6

ESTIMATED VOLUME (IN LITERS): 0.59 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has 22 vertical appliqued ridges that extend from the rim-body juncture to approximately 2.2 cm above the base (Figure 174).

TYPE: Cass Appliqued

**Figure 174. Cass Appliqued jar, Burial 30, Pot 10, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 30, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.2

BASE DIAMETER (IN CM): 5.4

ESTIMATED VOLUME (IN LITERS): 0.58 liters

DECORATION: Plain (Figure 175)

TYPE: Unidentified plain ware

**Figure 175. Plain carinated bowl, Burial 30, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 31, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim; 8.3 mm, body; 9.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.7

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 32.0

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 4.2 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) that is repeated four times around the vessel. Two of the central circles have a smaller inner circle with rays, while the other two have simple cross-hatched circles. A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 31, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim; 8.1 mm, body; 12.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) that is repeated four times around the vessel. The central elements in the motif are circles (twice), with an inner excised circle with rays, and horizontal diamonds (twice), each with a smaller diamond within it (Figure 176). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 176. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Burial 31, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 31, Pot 5

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim; 8.0 mm, body; 10.3 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.8

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has three narrow horizontal engraved panels. The upper and lower panels each have eight sets of closely-spaced vertical engraved lines around the vessel.

TYPE: Unidentified engraved fine ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 31, Pot 8

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a short neck (Figure 177)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 4.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.6; maximum body diameter is 10.0 cm

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.42 liters

DECORATION: There is a single horizontal engraved on the bottle neck, below the lip. The vessel body has curvilinear engraved scrolls repeated four times on the body. The upper and lower arms of the scroll curve around each other and meet at a central circle (Figure 177). Three of the central circles are open, and one is filled with cross-hatching. The arms of the scroll have several widened cross-hatched filled areas. The scroll arms originate from upper and lower triangles with cross-hatched corners, and each of the triangles have small central circles within them. A red clay pigment was rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 177. Wilder Engraved, *var. Wilder* bottle, Burial 31, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 31, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Jar; the vessel has been recycled for use (to hold a red clay) without its rim

RIM AND LIP FORM: missing

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, body; 10.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel body has panels defined by vertical appliqued ridges. The panels are filled with vertical brushing marks.

TYPE: Unidentified brushed-appliqued utility ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the body and base; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.8

ORIFICE DIAMETER (IN CM): 16.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 1.15 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has 10 large excised or hatched triangles divided by either short vertical or short diagonal engraved lines (Figure 178).

TYPE: Turner Engraved, *var. Turner*

**Figure 178. Turner Engraved, *var. Turner* compound bowl, Burial 32, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 2

NON-PLASTICS: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding on the body and the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 7.1 mm, body; 9.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 11.4

ORIFICE DIAMETER (IN CM): 20.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.5

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) that is repeated five times around the vessel. The central circle element also has a smaller internal centrally-placed circle within it (Figure 179).

TYPE: Ripley Engraved, *var. Galt*

**Figure 179. Ripley Engraved, *var. Galt* carinated bowl, Burial 32, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 3

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 26.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.5

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 3.2 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. The scrolls are divided by partially excised brackets, and the outer line of the

upper and lower scroll fill zones have triangular tick marks on them (Figure 180). There is also an interior engraved line at the carination point.

TYPE: cf. Ripley Engraved, *var*. *Gandy*

**Figure 180. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 32, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, body; 8.1 mm, base

INTERIOR SURFACE TREATMENT: burnished on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.8

ORIFICE DIAMETER (IN CM): 27.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.0

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements of the motif include a large circle (twice) with an internal circle that has excised rays (Figure 181), as well as

upper and lower engraved or excised triangles (two times on the vessel) connected by a vertical engraved line.

TYPE: cf. Ripley Engraved, *var*. *McKinney*

**Figure 181. cf. Ripley Engraved, *var. McKinney* carinated bowl, Burial 32, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: black (10YR 2/1); fire clouding on the body; organic residues on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 25.5

ORIFICE DIAMETER (IN CM): 20.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.8

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 6.8 liters

DECORATION: There are three widely-spaced rows of tool punctations on the rim (Figure 182). One area of the vessel body has four widely-spaced vertical incised lines that extend to near the base; the remainder of the vessel is plain.

TYPE: Mockingbird Punctated

**Figure 182. Mockingbird Punctated jar, Burial 32, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 6

NON-PLASTICS: grog and hematite

VESSEL FORM: Stacked Bottle with flaring neck and Bowl (Figure 183)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the bottle

HEIGHT (IN CM): 20.2; the bowl is 7.0 cm in height

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.3

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.65 liters

DECORATION: The lower of the stacked vessels has 34 vertical appliqued ridges below an area of horizontal brushing where the two stacked vessels are conjoined. The upper vessel is an engraved bottle with four sets of curvilinear scrolls with two arms that meet at a small excised circle (Figure 183). One arm of the scroll has a widened excised area opposite the excised circle. The upper and lower arms of the scrolls originate from engraved triangles. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Wilder Engraved (*var. Wilder*)-Cass Appliqued (see Turner 1978:Figure 27h)

**Figure 183. Wilder Engraved-Cass Appliqued compound vessel, Burial 32, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 184)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim

EXTERIOR SURFACE COLOR: brown (7.5YR 5/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 7.5 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 17.6

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 2.5 liters

DECORATION: The rim has three rows of tool punctations, as well as appliqued lugs under each rim peak (Figure 184). The vessel body has four sets of vertical appliqued fillets, centered under the rim peaks and lugs, that extend to within 2.5 cm of the base.

TYPE: cf. Mockingbird Punctated

**Figure 184. cf. Mockingbird Punctated jar, Burial 32, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim; 5.7 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 15.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 0.55 liters

DECORATION: The rim has an engraved scroll motif that is repeated twice around the vessel. The most distinctive part of the scroll motif on this vessel is that each of the scroll lines have large diamonds at their centers; the diamonds have a small excised circle and rays within them. The scrolls end in hooked arms that originate at the scroll and from the scroll fill zone. There are rows of pendant triangles on the rim that alternate with the scroll fill zones. A white clay pigment has been rubbed in the engraved lines. There is also a single horizontal engraved line at the carination point on the vessel interior.

TYPE: Ripley Engraved, *var. unspecified* or Taylor Engraved

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 32, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.5

ORIFICE DIAMETER (IN CM): 7.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.5

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.16 liters

DECORATION: Plain

TYPE: Unidentified plain ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 1

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Bowl with effigy head and tab tail attachments (Figure 185). The effigy head and tab tail are both missing, but there are clay attachments under the lip on the vessel interior that may represent feet associated with the effigy head.

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 10.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.17 liters

DECORATION: The rim has a single horizontal engraved line below the lip, and there are eight excised ovals pendant from that engraved line around the vessel (Figure 185).

TYPE: Unidentified engraved fine ware

**Figure 185. Engraved effigy bowl of unknown type, Burial 33, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.5

ORIFICE DIAMETER (IN CM): 6.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 3.3

ESTIMATED VOLUME (IN LITERS): 0.09 liters

DECORATION: Plain (Figure 186)

TYPE: Unidentified plain ware

**Figure 186. Plain bowl, Burial 33, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar with two opposing suspension holes on the rim (Figure 187)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.1

ORIFICE DIAMETER (IN CM): 7.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.4

BASE DIAMETER (IN CM): 5.4

ESTIMATED VOLUME (IN LITERS): 0.30 liters

DECORATION: The vessel rim is plain, but the vessel body has a circular engraved motif that is repeated four times on the vessel; the four large central circles extend from the rim-body juncture to the vessel base. The large central circles have two internal circles, the innermost a small excised circle, and the other with a series of spurs attached to the engraved circle line (Figure 187). The circle motifs are divided by upper and lower excised triangles and a single connecting vertical excised line.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 187. Ripley Engraved, *var. unspecified* jar, Burial 33, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 4

NON-PLASTICS: shell

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.4 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.7

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.7

BASE DIAMETER (IN CM): 4.8

ESTIMATED VOLUME (IN LITERS): 0.65 liters

DECORATION: The rim panel has an engraved horizontal scroll motif repeated four times around the vessel. The upper and lower scroll fill zones have a series of closely-spaced vertical engraved lines, and each scroll is separated from the other by 3-4 short vertical engraved lines that extend across the rim panel (Figure 188).

TYPE: Simms Engraved

**Figure 188. Simms Engraved carinated bowl, Burial 33, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 4/3); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding on the rim and body; a pitch-like organic residue on the rim and body (Figure 189)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.6

ORIFICE DIAMETER (IN CM): 25.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.5

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 3.1 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. Each of the central circles have a cross-in-circle element within it (Figure 189). The scroll fill zones are comprised of open, hatched, cross-hatched, and excised vertical rectangular elements instead of ovals and negative ovals (cf. Thurmond 1990:Figure 6c).

TYPE: Ripley Engraved, *var. Galt*

**Figure 189. Ripley Engraved, *var. Galt* carinated bowl, Burial 33, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 7

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 4/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.8 mm, rim; 6.1 mm, body; 7.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.53 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The central elements of the motif include two circles with internal excised circles with rays as well as two diamond elements with an internal diamond within each of them (Figure 190). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 190. Ripley Engraved, *var. McKinney* carinated bowl, Burial 33, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Bottle with a flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 23.5

ORIFICE DIAMETER (IN CM): 5.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.8; maximum body diameter is 16.0 cm

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.80 liters

DECORATION: Underneath three horizontal engraved lines at the neck-body juncture, the vessel body has a curvilinear engraved scroll with upper and lower scroll arms that curve around each other and meet at a small central excised circle (Figure 191). There are widened hatched areas along each scroll arm, near the central excised circle. The scroll arms begin from the apex of upper and lower triangles with hatched or excised corners. The upper triangles also have a small central dash or dot. A red clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 191. Wilder Engraved, *var. Wilder* bottle, Burial 33, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Chalice, or bowl set on a flat pedestal base (Figure 192)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.7; the bowl height is 4.9 cm

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.43 liters

DECORATION: The vessel rim has a single horizontal engraved line beneath the lip, as well as 12 large hatched/excised pendant triangles repeated around the vessel. The large pendant triangles are separated from one another by a single near vertical engraved line (Figure 192). A white clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Turner Engraved, *var. Turner*

**Figure 192. cf. Turner Engraved, *var. Turner* chalice, Burial 33, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.3

ORIFICE DIAMETER (IN CM): 18.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.8

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.9 liters

DECORATION: The rim has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel (Figure 193). The upper and lower scroll fill zones include rectangles and ovals divided by excised columns, triangles, and large spurs. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 193. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 33, Pot 10, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: yellowish-brown (7.5YR 5/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim; 7.4 mm, body; 9.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 26.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel, with the addition of another central engraved element: two opposed hooked arms attached to a broad curvilinear arcing line. This particular engraved element occurs in conjunction with two central engraved circles and two engraved diamonds. The diamond element has a small open circle within it, while the engraved circle element is a cross-in-circle (Figure 194).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 194. Ripley Engraved, *var. unspecified* carinated bowl, Burial 33, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 33, Vessel 12

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.5

BASE DIAMETER (IN CM): 10.5

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel; the apex of the pendant triangles alternate between pointing towards the rim or pointing towards the vessel carination (Figure 195). The central elements in the motif are alternating engraved circles and diamonds, At the center of each element is a smaller circle with four excised rays or spurs jutting from it.

TYPE: Ripley Engraved, *var. McKinney*

**Figure 195. Ripley Engraved, *var. McKinney* carinated bowl, Burial 33, Pot 12, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 34, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.2 mm, rim; 6.9 mm, body; 7.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 30.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.4

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central engraved element in the motif is a diamond (repeated four times), with a smaller diamond within it (Figure 196). There is also an interior horizontal engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. McKinney*

**Figure 196. Ripley Engraved, *var. McKinney* carinated bowl, Burial 34, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 34, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 10.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 35.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 12.9 liters

DECORATION: The rim has five or more rows of diagonal linear punctates, and there is a single horizontal incised line at the rim-body juncture (Figure 197).

TYPE: Unidentified incised-punctated utility ware

**Figure 197. Punctated-incised jar, Burial 34, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 34, Vessel 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim; 7.2 mm, body; 8.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.7

ORIFICE DIAMETER (IN CM): 21.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM): 5.3

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel; the apex of the upper and lower pendant triangles point towards each other. The central elements in the motif include circles and diamonds. The circles have a smaller circle with rays within them, while the diamonds

have a smaller centrally-placed diamond within the larger element (Figure 198). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

**Figure 198. Ripley Engraved, *var. McKinney* carinated bowl, Burial 34, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 35, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks and four lug handles; the handles are on the rim, below the rim peaks (Figure 199)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.6

BASE DIAMETER (IN CM): 5.6

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim is plain, but the body has four curvilinear panels created by vertical appliqued ridges that extend midway down the vessel body. Each panel has a continuous series of very closely-spaced appliqued ridges that form a single triangular zone filled with appliqued ridges (Figure 199). The body also has four vertical appliqued

ridges that extend to near the vessel base, each beginning from the central part of the appliqued panels and underneath each rim peak.

TYPE: Harleton Appliqued

**Figure 199. Harleton Appliqued jar, Burial 35, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 36, Pot 4

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, body; 10.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.8

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.8

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circle has an internal small circle with four excised rays (Figure 200). The outer lines of the upper and lower scroll fill zones have triangular tick

marks, and the scroll fill zones consist only of excised triangular areas. There is also an interior horizontal engraved line at the vessel carination.

TYPE: cf. Ripley Engraved, *var. Galt*

**Figure 200. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 36, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 36, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, body; 9.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 19.5

ORIFICE DIAMETER (IN CM): 28.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 5.0 liters

DECORATION: The rim has an engraved horizontal scroll motif repeated four times on the vessel. The scrolls are divided by excised brackets (Figure 201). The scroll fill zones have either a single excised triangle or an excised negative oval with a central dash or

spur in it (cf. Thurmond 1990:Figure 6d-e, h). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 201. Ripley Engraved, *var. unspecified* carinated bowl, Burial 36, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 36, Vessel 7

NON-PLASTICS: grog

VESSEL FORM: Jar with a tall rim (Figure 202)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 9.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.3

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.8 liters

DECORATION: The rim has two widely-spaced horizontal engraved lines. The vessel body has curvilinear scrolls repeated four times on the vessel with arms that wind and hook around each other, but do not meet (Figure 202). Each of the arms has widened

areas filled with hatched or cross-hatched lines. The two scroll arms begins from upper and lower triangles with hatched corners.

TYPE: Wilder Engraved, *var*. *unspecified*

**Figure 202. Wilder Engraved, *var. unspecified* jar, Burial 36, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 36, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.3

ORIFICE DIAMETER (IN CM): 16.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.9

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: There are three widely-spaced horizontal engraved lines on the vessel rim (Figure 203).

TYPE: Unidentified engraved fine ware

**Figure 203. Horizontal engraved jar, Burial 36, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 36, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 34.0

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 11.5 liters

DECORATION: The rim has horizontal brushing marks around four sets of two appliqued lugs. The vessel body has both horizontal and opposing brushing marks that extend to within 5.0 cm of the vessel base (Figure 204).

TYPE: Bullard Brushed

**Figure 204. Bullard Brushed jar, Burial 36, Pot 10, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 36, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Bottle with a squat body and a slightly flaring neck (Figure 205)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): none

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: 12.8

HEIGHT (IN CM): 3.5

ORIFICE DIAMETER (IN CM):

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.4; maximum body diameter is 13.2 cm

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.28 liters

DECORATION: The vessel body has engraved curvilinear scrolls, that repeat four times, whose upper and lower arms circle around each other, but do not meet (hooked arm scrolls) (Figure 205). The two arms of the scroll have widened cross-hatched areas at the ends of the arms. The scrolls begin from the apex of upper and lower triangles, and there are also four rectangular cross-hatched zones above each hooked arm scroll motif. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. unspecified*

**Figure 205. Wilder Engraved, *var. unspecified* bottle, Burial 36, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 37, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Effigy bowl with a tab tail; the effigy head is missing (Figure 206)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim; 7.2 mm, body; 9.1 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.2

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.20 liters

DECORATION: There are two horizontal engraved lines on the rim (Figure 206). The lines dip down under both the tab tail and effigy head attachments.

TYPE: Hood Engraved

**Figure 206. Hood Engraved effigy bowl, Burial 37, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 37, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 20.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.1

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. Each of the central circles has a smaller circle within it. The upper and lower scroll fill zones have a negative horizontal S-shaped element instead of ovals or negative ovals (Figure 207). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

**Figure 207. Ripley Engraved, *var. Galt* carinated bowl, Burial 37, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 37, Pot 4

NON-PLASTICS: bone and grog

VESSEL FORM: Jar with four rim peaks (Figure 208)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 15.0; 16.3 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.1

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has four vertical appliqued ridges that extend to near the base, and the panels between the appliqued ridges have four sets of six vertically-oriented appliqued nodes (Figure 208).

TYPE: Unidentified brushed-appliqued utility ware

**Figure 208. Brushed-appliqued jar, Burial 37, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 37, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim; 7.0 mm, body; 8.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 15.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.7

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.7 liters

DECORATION: The rim has an engraved scroll and semi-circle motif repeated two times around the vessel. The engraved motifs are divided by two sets of vertical engraved lines (Figure 209). The outer lines on several of the upper and lower scroll fill zones have open and/or excised pendant triangles.

TYPE: Ripley Engraved, *var. unspecified,* cf. *var. Caldwell*

**Figure 209. Ripley Engraved, *var. unspecified* carinated bowl, Burial 37, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 37, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 28.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.5

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 4.3 liters

DECORATION: The rim has an engraved alternate nested triangle motif repeated six times around the vessel. There are also two alternating semi-circular elements on the rim, set between the nested triangles. The nested triangles either have two or three hatched corners or hatched pendant triangles within the larger engraved element (Figure 210).

TYPE: cf. Ripley Engraved, *var. Williams*

**Figure 210. cf. Ripley Engraved, *var. Williams* carinated bowl, Burial 37, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 38, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1); organic residue on the rim

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.9 mm, rim; 7.4 mm, body; 8.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.6

ORIFICE DIAMETER (IN CM): 24.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: Plain

TYPE: Unidentified plain ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 39, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.6

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.15 liters

DECORATION: Plain

TYPE: Unidentified plain ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 39, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 211)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residues on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.9; 11.5 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.94 liters

DECORATION: The rim has a series of hatched and cross-hatched incised triangles. The vessel body has three large alternating incised triangles filled with vertical to diagonal opposed incised lines; these triangles extend to within 3.0 cm of the vessel base (Figure 211).

TYPE: Unidentified incised utility ware

**Figure 211. Incised jar, Burial 39, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 39, Pot 6

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 11.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.2

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.27 liters

DECORATION: The rim panel has an engraved continuous scroll motif repeated six times around the vessel. The upper and lower scroll fill zones consist of a single large excised pendant triangle (Figure 212).

TYPE: Ripley Engraved, *var*. *Carpenter*

**Figure 212. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 39, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 40, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.7 mm, rim; 7.2-8.6 mm, body; 11.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.4

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has a series of equally-spaced vertical incised lines. These run between a row of tool punctates beneath the lip and a second row at the rim-body juncture (Figure 213).

TYPE: Unidentified incised-punctated utility ware

**Figure 213. Incised-punctated jar, Burial 40, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 40, Pot 4a

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.4

BASE DIAMETER (IN CM): 7.8

ESTIMATED VOLUME (IN LITERS): 4.0 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. The scroll dividers are broad excised brackets, and the scroll fill zones are also excised (Figure 214).

TYPE: Ripley Engraved, *var. Gandy*

**Figure 214. Ripley Engraved, *var. Gandy* carinated bowl, Burial 40, Pot 4a, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 40, Pot 4b

NON-PLASTICS: grog and organics

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/4)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/4); fire clouding on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim; 5.6 mm, body; 10.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.6

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 3.3 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times. Each central circle has a smaller circle with excised rays within it. The upper and lower scroll fill zones are comprised of cross-hatched rectangular-shaped areas and brackets. A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 40, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The rim has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated five times around the vessel. The upper and lower scroll fill zones are large excised triangles (Figure 215). There is also an interior horizontal engraved line at the carination.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 215. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 40, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 40, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: gray (10YR 5/1)

EXTERIOR SURFACE COLOR: gray (10YR 5/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.3

ORIFICE DIAMETER (IN CM): 7.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.2

BASE DIAMETER (IN CM): 3.8

ESTIMATED VOLUME (IN LITERS): 0.18 liters

DECORATION: Plain (Figure 216)

TYPE: Unidentified plain ware vessel

**Figure 216. Plain jar, Burial 40, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 40, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim; 5.5 mm, body; 8.0 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 19.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.3

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has two widely-spaced horizontal engraved lines as well as a panel with cross-hatched engraved rectangles, vertical engraved lines, excised brackets, and a large negative oval that fits into the panel as well as the rim peaks. Each of these large negative ovals have a single dash or spur at its lower end (see Thurmond 1990:Figure 6d-e, h). The lower rim panel has widely-spaced excised triangles. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. unspecified*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 41, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light reddish-brown (5YR 6/4)

EXTERIOR SURFACE COLOR: light reddish-brown (5YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.4

ORIFICE DIAMETER (IN CM): 17.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.9

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.87 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated six times around the vessel. The central circle element has two smaller internal circles, one of which is a swastika-in-circle (Figure 217). The upper and lower scroll fill zones have negative ovals and circles outlined by excised areas. There is also a single interior horizontal engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. Galt*

**Figure 217. Ripley Engraved, *var. Galt* carinated bowl, Burial 41, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 41, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Bottle with a collared neck (Figure 218)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 20.0

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.6; maximum body diameter is 14.5 cm

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The vessel body has an engraved and vertically-oriented scroll and circle motif repeated four times around the vessel. The large central circles have a smaller swastika-in-circle element within them. Above and below the central engraved circles are either large rectangular or curvilinear engraved zones; the rectangular zones have cross-hatched triangles at the corners, while the curvilinear engraved zone has negative ovals outlined by cross-hatching. A final engraved element in the decoration of this body are smaller engraved circles with four excised rays within a diamond-shaped area on either side of the large central circle and swastika-in-circle motif (Figure 218). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Ripley*

**Figure 218. Ripley Engraved, *var. Ripley* bottle, Burial 41, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 41, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim; 8.5 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 30.5

ORIFICE DIAMETER (IN CM): 27.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.1

BASE DIAMETER (IN CM): 11.0

ESTIMATED VOLUME (IN LITERS): 11.0 liters

DECORATION: The rim has 12 panels of diagonal incised lines around the vessel. The rim and body are separated by a single broad horizontal grooved area at the rim-body juncture. The vessel body has closely-spaced vertical incised lines that extend to within 9.0 cm of the vessel base (Figure 219).

TYPE: cf. Maydelle Incised

**Figure 219. cf. Maydelle Incised jar, Burial 41, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 42, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 6.8 mm, body; 10.0 mm, base

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.1

ORIFICE DIAMETER (IN CM): 25.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 3.0 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central circle element has a smaller circle within it which has a central dot and hatched triangles pendant from the circle (Figure 220). The outer lines of the upper and lower scroll fill zones also have hatched engraved pendant triangles.

TYPE: Ripley Engraved, *var. Galt*

**Figure 220. Ripley Engraved, *var. Galt* carinated bowl, Burial 42, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 42, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.7

ORIFICE DIAMETER (IN CM): 18.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.2

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 0.97 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central circle element has a smaller circle with four excised rays within it (Figure 221). The upper and lower scroll fill zones have negative ovals and cross-hatched triangular areas. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

**Figure 221. Ripley Engraved, *var. Galt* carinated bowl, Burial 42, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 42, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.4

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 0.97 liters

DECORATION: The upper rim panel has three horizontal engraved lines. The lower rim panel has six large hatched triangles, each divided from the other by a single short vertical engraved line (Figure 222).

TYPE: Turner Engraved, *var. Turner*

**Figure 222. Turner Engraved, *var. Turner* compound bowl, Burial 42, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 42, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.7

ORIFICE DIAMETER (IN CM): 14.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.93 liters

DECORATION: The rim has three widely-spaced horizontal engraved lines. The vessel body has four sets of engraved curvilinear scrolls with two arms that wrap around each other, and meet at a small central cross-hatched circle (Figure 223). Each arm of the scrolls have widened areas filled with cross-hatching. The arms of the scrolls begin from upper and lower engraved triangles that are either open or filled with cross-hatched engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 223. Wilder Engraved, *var. Wilder* jar, Burial 42, Pot 6, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 42, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 15.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.6

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 0.63 liters

DECORATION: The rim panel has an engraved bisected diamond motif repeated four times around the vessel. The bisected diamond is open, and there is a small cross-hatched bisected diamond within it, pendant from one of the two vertical engraved lines that separate the motifs from each other (Figure 224). There is also an interior horizontal engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. Reed*

**Figure 224. Ripley Engraved, *var. Reed* carinated bowl, Burial 42, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 43, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim; 6.3 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.5

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.82 liters

DECORATION: The rim panel has an engraved continuous scroll motif that is repeated five times around the vessel. The upper and lower scroll fill zones consist of hatched triangles (Figure 225). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 225. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 43, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 43, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 14.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.4

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated seven times around the vessel (Figure 226). The upper and lower scroll fill zones have cross-hatched columns, negative ovals, and excised triangular areas. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 226. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 43, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 43, Pot 5

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-red (5YR 5/6); fire clouding on the rim and body; organic residue on the rim and body

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 11.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.3

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.8 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has four panels defined by vertical appliqued ridges. Within each panel are appliqued chevrons formed from six appliqued ridges (Figure 227).

TYPE: Harleton Appliqued

**Figure 227. Harleton Appliqued jar, Burial 43, Pot 5, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 43, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Bottle with a flaring neck (Figure 228)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (7.5YR 4/2)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.3 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 20.2

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.0; maximum body diameter is 16.0 cm

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 0.73 liters

DECORATION: The vessel body has an engraved circle and circle and cross motif repeated four times around the vessel. To either side of the central circle motif are four large engraved diamonds with smaller hatched diamonds within them (Figure 228). Above each of the large central circle elements is a rectangular engraved zone with triangular hatched corners, while on the bottom side of the large central circle element are two large hatched triangles.

TYPE: Ripley Engraved, *var*. *Ripley*

**Figure 228. Ripley Engraved, *var. Ripley* bottle, Burial 43, Pot 7, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: brown (10YR 4/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim; 7.1 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A; 7.1 cm height of upper and lower rim panels

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 1.7+ liters

DECORATION: The upper rim panel is plain. The lower rim panel has an engraved scroll and semi-circle motif repeated five times around the vessel. One of the semi-circle elements has a spur or dash in its center (cf. Thurmond 1990:Figure 6d). The upper and lower scroll fill zones are triangular areas with cross-hatching zones and a single vertical engraved line (Figure 229). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Caldwell*

**Figure 229. Ripley Engraved, *var. Caldwell* compound bowl, Burial 44, Pot 1, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim; 7.5 mm, body; 10.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 4.1 liters

DECORATION: The upper rim panel is plain. The lower rim panel has a simple engraved scroll repeated eight times around the vessel, with hatched and excised vertical column dividers. The upper and lower scroll fill zones include cross-hatched and excised triangles and triangular areas (Figure 230). A white clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var*. *Carpenter*

**Figure 230. cf. Ripley Engraved, *var. Carpenter* compound bowl, Burial 44, Pot 2, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 6.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.9

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.20 liters

DECORATION: The rim panel has a simple engraved scroll motif repeated twice around the vessel. The scroll fill zone dominates the motif, and it is filled with several curvilinear engraved lines.

TYPE: cf. Ripley Engraved, *var*. *unspecified*

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 10

NON-PLASTICS: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.6

ORIFICE DIAMETER (IN CM): 15.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.62 liters

DECORATION: The rim has two widely-spaced horizontal engraved lines on it. The lower engraved rim line has 11 cross-hatched engraved triangles pendant from it. Each of

the triangles are separated by either a single short vertical or diagonal engraved line (Figure 231).

TYPE: Turner Engraved, *var. Turner*

**Figure 231. Turner Engraved, *var. Turner* carinated bowl, Burial 44, Pot 10, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 232)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 13.2; 13.7 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM): 5.1

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The rim has closely-spaced rows of punctations that simulate neck banding. There are four sets of three appliqued nodes set vertically on the rim and under the rim peaks. The vessel body has vertical brushed-incised lines that extend to within 2.5 cm of the vessel base (Figure 232).

TYPE: Unidentified incised-punctated-appliqued utility ware

**Figure 232. Punctated-incised-appliqued jar, Burial 44, Pot 11, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 12

NON-PLASTICS: grog

VESSEL FORM: Square-shaped bowl (Figure 233)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 12.0 x 10.2 cm in length and width

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: Each side of the bowl has an engraved scroll and circle motif; the central circle elements have small central excised or cross-hatched circles within them. The upper and lower scroll fill zones consist of rectangular cross-hatched or hatched areas and horizontal negative S-shaped scrolls outlined by cross-hatching (Figure 233).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 233. Ripley Engraved, *var. unspecified* bowl, Burial 44, Pot 12, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 44, Pot 14

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with a short rim (Figure 234)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 11.3

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.1

BASE DIAMETER (IN CM): 9.3

ESTIMATED VOLUME (IN LITERS): 0.81 liters

DECORATION: There is one row of neck banding on the vessel rim (Figure 234).

TYPE: La Rue Neck Banded

**Figure 234. La Rue Neck Banded jar, Burial 44, Pot 14, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 45, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted, almost flat, rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/4)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.4 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 8.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.7

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.23 liters

DECORATION: Plain (Figure 235)

TYPE: cf. Simms Plain

**Figure 235. cf. Simms Plain inverted rim carinated bowl, Burial 45, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 45, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim; 8.2 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved continuous scroll motif that is repeated four times around the vessel. The upper and lower scroll fill zones consist of large hatched triangles (Figure 236). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 236. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 45, Pot 4, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 45, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Square-shaped bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 3.5

ORIFICE DIAMETER (IN CM): 8.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.12 liters

DECORATION: The rim area has four sets of engraved triangular lines (four sets of triangular lines). Alternating triangular lines have short dashes on them.

TYPE: Unidentified engraved fine ware

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 45, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Bottle, with a straight and thin neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, neck; 8.7 mm, body; 6.3 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 3.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.4; maximum body diameter is 9.5 mm

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.37 liters

DECORATION: The vessel body has a series of engraved semi-circles and circles (or sun bursts with rays) connected by vertical, diagonal, and curvilinear lines with no repeating pattern. There is a single hatched engraved triangle pendant from one of the vertical engraved lines (Figure 237). A red clay pigment has been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var*. *unspecified*

**Figure 237. cf. Ripley Engraved, *var. unspecified* bottle, Burial 45, Pot 8, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Burial 45, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Effigy bowl with effigy head (42 x 29 cm in width and height) and tab tail (24 x 40 cm in length and width) attachments (Figure 238)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 3.9; 5.9 cm at the top of the effigy head

ORIFICE DIAMETER (IN CM): 8.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.8

ESTIMATED VOLUME (IN LITERS): 0.13 liters

DECORATION: Plain body and effigy head

TYPE: Unidentified plain ware vessel

**Figure 238. Plain effigy bowl, Burial 45, Pot 9, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Tuck Carpenter

VESSEL NO.: Unknown

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-yellow (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, rim; 6.6 mm, body; 9.2 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 10.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.3

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.36 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central element of the motif is a small central engraved circle, rather than alternating circles and diamonds. A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

## Vessel Recordation Forms, Harold Williams (41CP10)

There are 21 Caddo ceramic vessels from the Harold Williams site in the Turner collections. Eight of them are likely from Middle Caddo period burials, while the others are from burials J, K, N, and S from the large Titus phase cemetery at the site (Turner 1997; Turner and Smith 2003).

The likely Middle Caddo vessels from the site include both fine wares, utility wares, and plain wares. The fine wares are represented by a red-slipped Spoonbill Engraved carinated bowl, a large bottle with an engraved rattlesnake motif, an engraved bowl, and an engraved-punctated Washington Square Paneled compound bowl. Among the utility wares is a very large rim punctated jar, a very large brushed jar, and a large cf. Pease Brushed-Incised jar. There is also one plain bowl.

The Titus phase ceramics in the collection are primarily from engraved fine wares (77%). These include Wilder Engraved jars (n=1) and bottles (n=2), several varieties of Ripley Engraved carinated bowls (n=3) and compound bowls (n=1), a Turner Engraved, *var. Horton* carinated bowl, a small engraved bottle, and a miniature engraved carinated bowl. The utility wares are represented by cf. Mockingbird Punctated jars (n=2), and a brushed-appliqued jar.

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial J, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.8

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): 0.55 liters

DECORATION: The rim panel has an engraved scroll motif (cf. Thurmond 1990:Figure 6b) repeated four times around the vessel. The upper and lower scroll fill zones are comprised of a single excised triangle, and the scroll dividers are excised brackets (Figure 239). A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

**Figure 239. Ripley Engraved, *var. Gandy* carinated bowl, Burial J, Pot 1, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial J, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.7

ORIFICE DIAMETER (IN CM): 15.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: There are two rows of tool punctations on the vessel rim (Figure 240).

TYPE: Unidentified punctated utility ware vessel, cf. Mockingbird Punctated

**Figure 240. cf. Mockingbird Punctated jar, Burial J, Pot 2, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial K, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 19.0

ORIFICE DIAMETER (IN CM): 27.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.4

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 4.7 liters

DECORATION: The rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central circle element has a smaller circle and cross element within it (Figure 241).

TYPE: Ripley Engraved, *var*. *Galt*

**Figure 241. Ripley Engraved, *var. Galt* carinated bowl, Burial K, Pot 2, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial K, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (7.5YR 4/1)

EXTERIOR SURFACE COLOR: gray (7.5YR 5/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.5

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.36 liters

DECORATION: The rim panel has an engraved continuous scroll (Thurmond 1990:Figure 6f) repeated four times around the vessel. The vertical scroll dividers are composed of 3-4 vertical engraved lines (Figure 242). A white clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var*. *Carpenter*

**Figure 242. cf. Ripley Engraved, *var. Carpenter* carinated bowl, Burial K, Pot 3, Tuck Carpenter site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial K, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim; 6.2 mm, body

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.3; 10.6 cm maximum body diameter

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.38 liters

DECORATION: The vessel body has a continuous scroll repeated four times that arcs from upper and lower triangular elements and meets at a small excised circle (Figure 243). Each triangular element has a single triangular tick mark. A red clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 243. Wilder Engraved, *var. Wilder* bottle, Burial K, Pot 4, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial K, Pot 5

NON-PLASTICS: bone and hematite

VESSEL FORM: Jar with four rim peaks (Figure 244)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base and the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim; 6.6 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 12.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The rim has horizontal brushing marks. The rim has four sets of two appliqued nodes under each rim peak, and there are four sets of three vertical appliqued ridges that extend towards the vessel base (Figure 244).

TYPE: Unidentified brushed-appliqued vessel

**Figure 244. Brushed-appliqued jar, Burial K, Pot 5, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial K, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 245)

RIM AND LIP FORM: Direct rim with a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.6; 12.0 cm at rim peaks

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.4

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has 12 large cross-hatched engraved triangles separated by engraved dashes just above the vessel carination. On each of the rim peaks is a negative oval outlined by excising (Figure 245).

TYPE: Turner Engraved, *var*. *Horton*

**Figure 245. Turner Engraved, *var. Horton* compound bowl, Burial K, Pot 7, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial N, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim; 4.9 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 13.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.86 liters

DECORATION: The upper rim panel has two horizontal engraved lines. Each of the four rim peaks has a negative oval-shaped area outlined by excising. The lower panel has a circle and nested triangle engraved motif (see Thurmond 1990:Figure 6e) repeated four times around the vessel. Each circle has a central engraved dot.

TYPE: Ripley Engraved, *var*. *Cash*

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial N, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1); fire clouding

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim; 6.4 mm, body; 10.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.1

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 1.7 liters

DECORATION: Three rows of tool punctates on the rim, one under the lip, a second midway down the rim, and the third at the rim-body juncture (Figure 246).

TYPE: cf. Mockingbird Punctated

**Figure 246. cf. Mockingbird Punctated jar, Burial N, Pot 3, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial S, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.9; 5.8 cm maximum body diameter

BASE DIAMETER (IN CM): 4.9

ESTIMATED VOLUME (IN LITERS): 0.18 liters

DECORATION: The vessel body has three horizontal engraved lines on it, two closely-spaced lines under the neck and the other just above the vessel base (Figure 247).

TYPE: Unidentified fine ware bottle

**Figure 247. Engraved bottle, Burial S, Pot 1, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Burial S, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Miniature carinated bowl (Figure 248)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 3.9

ORIFICE DIAMETER (IN CM): 6.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.7

BASE DIAMETER (IN CM): 3.7

ESTIMATED VOLUME (IN LITERS): 0.16 liters

DECORATION: The rim panel has a bewildering series of engraved triangles, circles, circles within triangles, rectangles, circles within rectangles, and hatched triangular and circular areas (Figure 248).

TYPE: Unidentified engraved fine ware vessel

**Figure 248. Miniature engraved carinated bowl, Burial S, Pot 2, Harold Williams site.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brownish-yellow (10YR 6/8)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.9

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.1

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 3.1 liters

DECORATION: The rim is plain, but the vessel body has a curvilinear engraved scroll motif repeated four times around the vessel that begins at upper and lower hatched triangle elements (hatched at two of the three corners) under the neck and above the base. The arms of the scrolls arc towards each other and meet at a cross-hatched engraved circle (Figure 249). The scroll line above this circle also has a widened cross-hatched engraved zone on it.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 249. Wilder Engraved, *var. Wilder* jar, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with a scalloped lip (Figure 250)

RIM AND LIP FORM: Direct rim and a rounded, interior beveled lip

CORE COLOR: Undetermined

INTERIOR SURFACE COLOR: red (2.5YR 4/8)

EXTERIOR SURFACE COLOR: red (2.5YR 4/8)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The vessel is red-slipped on both interior and exterior vessel surfaces (Figure 250). The interior vessel surface has 29 excised pendant triangles on the interior beveled lip.

TYPE: Spoonbill Engraved (Perttula et al. 2007)

**Figure 250. Spoonbill Engraved carinated bowl, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 3

NON-PLASTICS: grog

VESSEL FORM: Jar with four small lug handles (Figure 251)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: brown (10YR 4/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 27.5

ORIFICE DIAMETER (IN CM): 21.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.5

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 7.6 liters

DECORATION: The rim has light horizontal brushing marks (Figure 251).

TYPE: Unidentified brushed utility ware vessel

**Figure 251. Brushed jar, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 4

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding and organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 27.8

ORIFICE DIAMETER (IN CM): 20.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.2

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 7.4 liters

DECORATION: There are six rows of linear tool punctations on the vessel rim (Figure 252).

TYPE: cf. Mockingbird Punctated

**Figure 252. cf. Mockingbird Punctated jar, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 5

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.30 liters

DECORATION: Plain (Figure 253)

TYPE: Unidentified plain ware vessel

**Figure 253. Plain bowl, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 7

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 18.3

ORIFICE DIAMETER (IN CM): 16.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.2

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 2.7 liters

DECORATION: The rim has two rows of tool punctations, one near the lip and the other at the rim-body juncture. The vessel body is divided into four panels by vertical appliqued fillets, and each panel is filled with vertical incised lines that extend down near the vessel base (Figure 254).

TYPE: cf. Pease Brushed-Incised

**Figure 254. cf. Pease Brushed-Incised jar, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams or Albert Hilton Farm

VESSEL NO.: Camp Co. 11

NON-PLASTICS: grog

VESSEL FORM: Miniature Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 2.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.5

BASE DIAMETER (IN CM): 2.4

ESTIMATED VOLUME (IN LITERS): 0.07 liters

DECORATION: The vessel body has four sets of curvilinear scrolls that meet at a central excised circle (Figure 255). A red clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 255. Wilder Engraved, *var. Wilder* bottle, Harold Williams or Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Area A

NON-PLASTICS: grog

VESSEL FORM: Bottle with a collared neck (Figure 256a)

RIM AND LIP FORM: Direct rim; lip is missing

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.0+

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.6; maximum body diameter is 13.6 cm

BASE DIAMETER (IN CM): 10.5

ESTIMATED VOLUME (IN LITERS): 0.76+ liters

DECORATION: The vessel body has an engraved rattlesnake scroll motif repeated four times on the vessel, twice with the rattlesnake head facing to the right and twice with the head facing to the left. The rattlesnake heads have dots for eyes and forked tongues, as well as chevrons-shaped cross-hatched engraved zones on the snake body. The rattlesnake tails end touching a central scroll circle (either plain or cross-hatched). Scroll fill zones include hatched rectangles and triangles (Figure 256a). The bottle neck has five vertical tool stamped rows on it (Figure 256b). A red clay pigment has been rubbed in the engraved lines.

TYPE: cf. Nacogdoches Engraved (see Hart 1982)

**Figure 256. cf. Nacogdoches Engraved bottle, Harold Williams site, Area A: side view; b, side view showing the stamped bottle neck decoration.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Area A

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 15.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.1

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.62 liters

DECORATION: The rim has a single engraved rectangle and an adjacent vertical engraved line (Figure 257).

TYPE: Unidentified fine ware vessel

**Figure 257. Engraved carinated bowl of unknown type, Harold Williams site, Area A.**

SITE NAME OR SITE NUMBER: Harold Williams

VESSEL NO.: Area A

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The upper rim panel has four horizontal engraved lines. The lower rim has three sets of horizontal interlocking scrolls and interconnecting brackets executed with tool punctates. There are also horizontal rows of tool punctates at the carination and at the juncture of the upper and lower rim panel (Figure 258).

TYPE: Washington Square Paneled (see Hart 1982)

**Figure 258. Washington Square Paneled compound bowl, Harold Williams site, Area A.**

## Vessel Recordation Forms, Possibly Albert Hilton Farm (Harold Williams Site), Camp County

According to the notes of Robert L. Turner, Jr., three vessels in his collection may be from the Albert Hilton Farm (otherwise known as the Harold Williams site, 41CP10) but the provenience is not clear, except that it is known that they come from a Camp County, Texas Caddo site. The three vessels include a Ripley Engraved carinated bowl, a Turner Engraved compound bowl, and a Harleton Appliqued jar.

SITE NAME OR SITE NUMBER: possibly Albert Hilton Farm

VESSEL NO.: Camp Co. 6

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.8

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.9

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim has three widely-spaced horizontal rows of tool punctations: under the lip, midway down the rim, and at the rim-body juncture. The body has six alternating appliqued fillet chevrons that extend to near the vessel base. Within the uppermost chevron in each set is a single large appliqued node (Figure 259).

TYPE: Harleton Appliqued

**Figure 259. Harleton Appliqued jar, possibly Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: possibly Albert Hilton Farm

VESSEL NO.: Camp Co. 9

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 260)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.6; 8.8 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 19.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.2

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The upper rim panel is plain. The lower rim panel has a single horizontal engraved line at the top of the panel and a series (n=18) of large excised pendant triangles whose apex points towards the vessel body (Figure 260). A white clay pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

**Figure 260. Turner Engraved, *var. Turner* compound bowl, possibly Albert Hilton Farm.**

SITE NAME OR SITE NUMBER: possibly Albert Hilton Farm

VESSEL NO.: Camp Co. 10

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim; 6.1 mm, body; 9.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the body

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.8

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.43 liters

DECORATION: The rim panel has an engraved scroll motif repeated four times around the vessel (Figure 261). The scroll dividers are engraved and spurred brackets, not S-shaped elements (cf. Thurmond 1990:Figure 6b). A Red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

**Figure 261. Ripley Engraved, *var. Gandy* carinated bowl, possibly Albert Hilton Farm.**

## Vessel Recordation Forms, B. J. Horton Site (41CP20)

A total of 30 Caddo vessels from the B. J. Horton site are in the Robert L. Turner collections, several more than were mentioned in Hunt et al.'s (1996:Appendix F) summary of the collection. The vessels are from Burial 1 (n=1), Burial 2 (n=8), Burial 4 (n=7), Burial 10 (n=10), and Burial 15 (n=4).

The documented vessels include both utility wares (n=7, 23.3%)) and fine wares (n=20, 66.7%), as well as plain bowls (n=1), compound bowls (n=1), and jars (n=1). Among the utility wares are Karnack Brushed-Incised jars (n=1), cf. Pease Brushed-Incised jars (n=1), La Rue Neck Banded jars (n=1), Mockingbird Punctated jars (n=1), brushed-punctated jars (n=1), incised jars (n=1), and punctated jars (n=1). The fine wares include several decorated varieties of Ripley Engraved carinated bowls and compound bowls (n=9), Simms Engraved carinated bowls (n=1), Turner Engraved compound bowls (n=1), Hood Engraved effigy bowls (n=1), Wilder Engraved bottles (n=1), Ripley Engraved bottles (n=1), other engraved carinated bowls and compound bowls (n=4, including one that may be a Turner Engraved vessel), unidentified engraved bottles (n=2)

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 1, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the rim

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, body; 8.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has three rows of tool punctations on the rim, and the body of the vessel has vertical brushing marks that extend to within 2.5 cm of the base (Figure 262).

TYPE: Unidentified utility ware vessel

**Figure 262. Punctated-brushed jar, Burial 1, Pot 1, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim; 8.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 36.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 36.1

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS):

DECORATION: The rim panel has an engraved circle and nested triangle motif repeated twice around the vessel. The central engraved circle has a small cross and circle element within it, while the nested triangle has two semi-circles within it.

TYPE: Ripley Engraved, *var. Cash*

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-yellow (7.5YR 6/6)

EXTERIOR SURFACE COLOR: reddish-yellow (7.5YR 6/6); fire clouding on the base; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim; 7.1 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 23.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.3

BASE DIAMETER (IN CM): 10.2

ESTIMATED VOLUME (IN LITERS): 3.0 liters

DECORATION: The rim has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central circle has a smaller circle within it that has opposed hatched triangles (Figure 263). The outer scroll fill zone and central slanting scroll line of the motif have excised and hatched pendant triangles on them, as would otherwise be used on the engraved pendant triangle motif (see Thurmond 1990:Figure 6a).

TYPE: cf. Ripley Engraved, *var. Galt*

**Figure 263. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 2, Pot 3, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 264)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.0; 13.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.7

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The rim is plain, but the vessel body has diagonal incised lines that begin at the rim-body juncture and extend midway down the body towards the base (Figure 264).

TYPE: Unidentified incised utility ware vessel

**Figure 264. Incised jar, Burial 2, Pot 4, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 5

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with a short rim (Figure 265)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1); organic residue on vessel body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 22.2

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 9.6

ESTIMATED VOLUME (IN LITERS): 2.9 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has broad vertical incised lines that extend to near the base (Figure 265).

TYPE: Karnack Brushed-Incised

**Figure 265. Karnack Brushed-Incised jar, Burial 2, Pot 5, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 6

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl; described as a "small cup-like pot" in Hunt et al. (1996:F-7)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): 11.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.42 liters

DECORATION: Plain (Figure 266)

TYPE: Unidentified plain ware vessel

**Figure 266. Plain bowl, Burial 2, Pot 6, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 267)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim; 7.0 mm, body

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.8; 9.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 15.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): 0.98 liters

DECORATION: Plain (Figure 267)

TYPE: Unidentified plain ware vessel

**Figure 267. Plain compound bowl, Burial 2, Pot 7, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 9

NON-PLASTICS: grog and bone

VESSEL FORM: Globular carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): N/A

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 18.4

ORIFICE DIAMETER (IN CM): 17.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.8

BASE DIAMETER (IN CM): 9.9

ESTIMATED VOLUME (IN LITERS): 2.8 liters

DECORATION: The rim panel is plain, but the body has alternating engraved semi-circles repeated eight times around the vessel (Figure 268). The lower part of the vessel body has four broadly-spaced horizontal engraved lines, the last just above the vessel base.

TYPE: Unidentified engraved fine ware vessel

**Figure 268. Engraved carinated bowl of unknown type, Burial 2, Pot 9, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 2, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Four-cornered bottle with a square base (Figure 269)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brownish-gray (10YR 6/2)

EXTERIOR SURFACE COLOR: light brownish-gray (10YR 6/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.0; neck is 3.0 cm in height

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.1; maximum body diameter is 7.0 cm

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.15 liters

DECORATION: The vessel body has poorly executed hatched triangles, hatched ladders, ovals, and semi-circles in no apparent repeated pattern on the vessel body, set between upper and lower horizontal engraved lines (Figure 269).

TYPE: Unidentified engraved fine ware vessel

**Figure 269. Engraved bottle, Burial 2, Pot 10, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 3. In Hunt et al. (1996:F-11), Pot 3 is listed as a large brushed vessel, which this vessel is assuredly not.

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 270)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); organic residue on the body

EXTERIOR SURFACE COLOR: brown (10YR 4/3); organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.8 mm, rim; 4.7 mm, body; 7.5 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.74 liters

DECORATION: The upper rim panel is plain. There are teardrop-shaped excised areas in engraved ovals on the rim peaks (as seen on some Turner Engraved, *var. Horton* vessels). The lower rim panel has an engraved continuous scroll motif repeated eight times around the vessel (Figure 270).

TYPE: cf. Ripley Engraved, *var. Carpenter*

**Figure 270. cf. Ripley Engraved, *var. Carpenter* compound bowl, Burial 4, Pot 3, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim; 6.3 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM): N/A; rounded base

ESTIMATED VOLUME (IN LITERS): 1.8 liters

DECORATION: There are a series of eight engraved concentric semi-circles on the rim panel, and the outermost circle has short spur-like lines. The engraved concentric semi-circles are divided by cross-hatched brackets (Figure 271).

TYPE: Simms Engraved

**Figure 271. Simms Engraved carinated bowl, Burial 4, Pot 4, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the vessel body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.0+

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.41+ liters

DECORATION: The vessel body has panels of vertical brushing divided by four vertical appliqued fillets. The fillets and brushing extend to within 2.0 cm of the base (Figure 272).

TYPE: cf. Pease Brushed-Incised

**Figure 272. cf. Pease Brushed-Incised jar, Burial 4, Pot 5, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 273)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5; 9.0 cm height at the rim peaks

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The upper rim panel is plain, but each rim peak has an engraved and excised oval with a single spur or short hooked arm, as seen on the circle and nested triangle (Thurmond 1990:Figure 6e) and alternating nested triangle (Thurmond 1990:Figure 6h) motifs defined for different varieties of Ripley Engraved. The lower rim panel has two widely-spaced horizontal engraved lines (Figure 273).

TYPE: Unidentified engraved fine ware vessel, cf. Turner Engraved, *var. unspecified* or *var. Horton*?

**Figure 273. Engraved compound bowl of unknown type, Burial 4, Pot 6, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim; 6.4 mm, body; 9.2 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel body has arcing curvilinear scrolls that meet at a small central cross-hatched engraved circle. The scrolls also have widened cross-hatched areas to either side of the scrolls. The arms of the scrolls originate from upper and lower engraved triangles.

TYPE: Wilder Engraved, *var. Wilder*

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim; 5.1 mm, body; 7.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved continuous scroll motif repeated four times around the vessel. This decoration differs from the archetypal motif (see Thurmond 1990:Figure 6f) in that the scroll fill zones lack engraved ovals and there are engraved pendant triangles on the outer line of the scroll fill zone. There is also a single interior engraved line at the vessel carination.

TYPE: cf. Ripley Engraved, *var*. *Carpenter*

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 4, Pot 12

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red (10R 3/6)

EXTERIOR SURFACE COLOR: red (10R 3/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim; 5.8 mm, body; 8.9 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The upper rim panel has two widely-spaced horizontal engraved lines. The lower rim panel has upper and lower cross-hatched engraved pendant triangles, eight on the upper part of the panel, and four on the lower part (Figure 274). Between each of the pendant triangles on the upper part of the panel is either a short vertical or curvilinear engraved line that reaches only midway down the panel. The vessel has a red slip on both vessel surfaces, and a white pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

**Figure 274. Turner Engraved, *var. Turner* compound bowl, Burial 4, Pot 12, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 1

NON-PLASTICS: grog

VESSEL FORM: jar with two small strap handles and two rim peaks (Figure 275)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim; 4.6 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.8

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.7

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has two rows of neck banding, while the vessel body has four widely-spaced horizontal rows of linear punctations in four panels defined by vertical appliqued ridges that extend from the rim-body juncture to just above the vessel base (Figure 275).

TYPE: La Rue Neck Banded

**Figure 275. La Rue Neck Banded jar, Burial 10, Pot 1, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 3

NON-PLASTICS: bone, hematite, and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a flat lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 6.9 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 10.6

ORIFICE DIAMETER (IN CM): 10.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.4

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: There are two rows of tool punctations on the rim, one below the lip and the other at the rim-body juncture (Figure 276).

TYPE: cf. Mockingbird Punctated

**Figure 276. cf. Mockingbird Punctated jar, Burial 10, Pot 3, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 6.5 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 19.0

ORIFICE DIAMETER (IN CM): 4.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.9; maximum body diameter is 14.1 cm

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 0.55 liters

DECORATION: The vessel body has four large and nestled engraved concentric semi-circles. The outer semi-circular line on the alternating semi-circles has small excised spurs. Alternating semi-circles have either two or three inner concentric semi-circles, one of which has five small excised spurs on it (Figure 277).

TYPE: cf. Ripley Engraved, *var. unspecified*

**Figure 277. cf. Ripley Engraved, *var. unspecified* bottle, Burial 10, Pot 4, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 17.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.2

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 0.73 liters

DECORATION: The rim panel has an engraved diamond and hooked arm motif repeated four times around the vessel; the hooked arm element begins at one end of each engraved diamond (Figure 278). The central engraved diamonds have a single smaller engraved diamond within it. Both of the diamonds have small engraved spurs or tick marks on them. Upper and lower fill elements include triangles and semi-circles, each with outward-facing small engraved spurs on them.

TYPE: cf. Ripley Engraved, *var. unspecified*

**Figure 278. cf. Ripley Engraved, *var. unspecified* carinated bowl, Burial 10, Pot 5, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip; cf. Redwine mode lip (Walters n.d.)

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very pale brown (10YR 8/4)

EXTERIOR SURFACE COLOR: very pale brown (10YR 8/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.6

ORIFICE DIAMETER (IN CM): 18.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.7

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: There is a row of linear punctations under the lip, as noted in Ripley Engraved, *var. Walkers Creek* vessels (Perttula 2005, ed.). The upper panel has a single centrally-placed horizontal engraved line on it. The lower rim panel has an engraved circle and nested triangle motif (Thurmond 1990:Figure 6e) repeated four times around the vessel. Each circle has a small semi-circle within it, and the nested triangles have either small excised triangles, ovals, or small excised pendant triangles (Figure 279).

TYPE: Ripley Engraved, *var. Cash*

**Figure 279. Ripley Engraved, *var. Cash* compound bowl, Burial 10, Pot 6, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 7

NON-PLASTICS: bone and grog

VESSEL FORM: Jar with four rim peaks and appliqued lugs under each rim peak (Figure 280)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 11.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.81 liters

DECORATION: The rim has randomly placed tool punctates between each of the appliqued lugs (Figure 280).

TYPE: Unidentified punctated utility ware vessel

**Figure 280. Punctated jar, Burial 10, Pot 7, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with a scalloped lip (Figure 281)

RIM AND LIP FORM: Inverted rim with a rounded, scalloped lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.4 mm, rim; 6.6 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.5

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has opposed and alternating engraved triangles and semi-circles, and at least two of the engraved semi-circles have a single short engraved spur within them (Figure 281).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 281. Ripley Engraved, *var. unspecified* carinated bowl, Burial 10, Pot 9, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 10

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.5

ORIFICE DIAMETER (IN CM): 12.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 5.6

ESTIMATED VOLUME (IN LITERS): 0.41 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times around the vessel (Figure 282).

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 282. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 10, Pot 10, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim with a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim; 8.1 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.7

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel (Figure 283). The central engraved circle is plain or otherwise embellished. The upper and lower scroll fill zones include cross-hatched columns and triangular areas.

TYPE: Ripley Engraved, *var. Galt*

**Figure 283. Ripley Engraved, *var. Galt* carinated bowl rim sherds, Burial 10, Pot 11, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 10, Pot 13

NON-PLASTICS: grog

VESSEL FORM: Effigy bowl with opposed effigy head and tab tail attachments (Figure 284)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: brown (10YR 4/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim; 7.2 mm, body; 9.1 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 9.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.17 liters

DECORATION: The rim has three horizontal engraved lines; the lines are continuous, except under the attachment for the effigy head and tab tail (Figure 284). The effigy head is stylized, with large circular excised circles in the area of the eyes.

TYPE: Hood Engraved

**Figure 284. Hood Engraved effigy bowl, Burial 10, Pot 13, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 15, Pot 1

NON-PLASTICS: grog and hematite

VESSEL FORM: Bottle with a flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 8/2)

EXTERIOR SURFACE COLOR: very pale brown (10YR 8/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.6; 7.9 cm maximum body diameter

BASE DIAMETER (IN CM): 4.3

ESTIMATED VOLUME (IN LITERS): 0.18 liters

DECORATION: The vessel body has two adjacent engraved hooked arm scrolls, two vertical scrolls, and an engraved triangle with an attached vertical engraved line extending from the apex of the triangle (Figure 285).

TYPE: Unidentified engraved fine ware bottle, probably Wilder Engraved

**Figure 285. Engraved bottle, Burial 15, Pot 1, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 15, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with four rim peaks (Figure 286)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red (2.5YR 4/6)

EXTERIOR SURFACE COLOR: red (2.5YR 4/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 7.0; 8.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 16.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.70 liters

DECORATION: The rim panel has cross-hatched engraved bisected diamonds (cf. Thurmond 1990:Figure 6j) and triangles repeated four times around the vessel. The bisected diamonds and triangles are separated by sets of four vertical engraved lines (Figure 286). The vessel has both an interior and exterior red slip. There is also an interior engraved line at the carination point.

TYPE: Ripley Engraved, *var*. *Reed*

**Figure 286. Ripley Engraved, *var. Reed* carinated bowl, Burial 15, Pot 3, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 15, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.4

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.88 liters

DECORATION: There are four equally-spaced appliqued nodes on the vessel at the rim-body juncture (Figure 287).

TYPE: Unidentified appliqued utility ware vessel

**Figure 287. Appliqued jar, Burial 15, Pot 4, B. J. Horton site.**

SITE NAME OR SITE NUMBER: B. J. Horton

VESSEL NO.: Burial 15, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red (2.5YR 4/6)

EXTERIOR SURFACE COLOR: red (2.5YR 4/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim; 8.3 mm, body; 10.3 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 0.45 liters

DECORATION: The rim panel has an engraved bisected diamond motif (see Thurmond 1990:Figure 6j) repeated six times around the vessel. The bisected diamond motif includes two opposed triangles whose apexes touch; within each large triangle are smaller excised triangles (Figure 288). There are two horizontal engraved lines on the interior of the vessel. The vessel is also red-slipped on both interior and exterior vessel surfaces.

TYPE: Ripley Engraved, *var*. *Reed*

**Figure 288. Ripley Engraved, *var. Reed* bowl, Burial 15, Pot 5, B. J. Horton site.**

## Vessel Recordation Forms, Pug Wilson Site (41CP76)

Both of the Titus phase vessels documented from the Pug Wilson site are from a single burial (Burial 2) excavated there some years ago; no other details are available on the archeological context of these materials. The two vessels include a Wilder Engraved, *var*. *Wilder* jar and a Ripley Engraved, *var*. *McKinney* carinated bowl.

SITE NAME OR SITE NUMBER: Pug Wilson

VESSEL NO.: Burial 2, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 10.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 14.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 6.6

ESTIMATED VOLUME (IN LITERS): 1.34 liters

DECORATION: The rim has three widely-spaced horizontal engraved lines. The vessel body has a curvilinear scroll element repeated four times that is composed of arcing engraved lines that start from hatched and spurred triangles at the top and bottom of the body that meet at a central engraved circle. The central circle has either a small inner circle (two times) or engraved and hatched swastika elements (twice) (Figure 289). There are two broad zones of hatching along each scroll line, above the below the central engraved circle. A red clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

**Figure 289. Wilder Engraved, *var. Wilder* jar, Burial 2, Pot 1, Pug Wilson site.**

SITE NAME OR SITE NUMBER: Pug Wilson

VESSEL NO.: Burial 2, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.1

ORIFICE DIAMETER (IN CM): 11.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.8

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.35 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) with alternating circle or diamond central elements repeated twice around the vessel. Each circle has a smaller circle within it, while the two central diamond elements have smaller internal excised diamonds with tick marks or excised rays at each corner of the diamond (Figure 290).

TYPE: Ripley Engraved, *var. McKinney*

**Figure 290. Ripley Engraved, *var. McKinney* carinated bowl, Burial 2, Pot 2, Pug Wilson site.**

## Vessel Recordation Forms, Cecil Guest Site (41CP78)

There are a total of 19 vessels in the Robert L. Turner, Jr. collection from the Cecil Guest site, including 18 vessels from four different burials (Burials 1-3 and 6). The 19 vessels include plain jars (n=2), plain carinated bowls (n=1), plain bowls (n=1), Maydelle Incised jars (n=1), La Rue Neck Banded jars (n=1), brushed jars (n=1), punctated-incised jars (n=1), an incised-punctated vessel with a Ripley scroll motif, Ripley Engraved carinated bowls and compound bowls (n=5), Taylor Engraved carinated bowls (n=1), other engraved carinated bowls and bowls (n=3), and engraved bottles (n=1) of unidentified type.

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 1, Camp Co. 65

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim; 5.8 mm, body; 6.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.81 liters

DECORATION: The rim has six engraved bisected diamond panels (Thurmond 1990:Figure 6j) around the vessel. The panels are divided by sets of three vertical engraved lines, and the corners of each panel have cross-hatched triangles.

TYPE: Ripley Engraved, *var*. *Reed*

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 1, Camp Co. 66

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim; 5.9 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 5.3

ORIFICE DIAMETER (IN CM): 12.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.9

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: Plain (Figure 291)

TYPE: Unidentified plain ware vessel

**Figure 291. Plain carinated bowl, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 1, Camp Co. 67

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/4)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.2

ORIFICE DIAMETER (IN CM): 14.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.4

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.62 liters

DECORATION: The rim has an engraved meandering hooked arm scroll motif that is repeated six times around the vessel. Each of the central scroll lines have small tick marks on them (Figure 292).

TYPE: Taylor Engraved

**Figure 292. Taylor Engraved carinated bowl, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 1, Camp Co. 68

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.0 mm, body; 13.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 21.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.0

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel rim has horizontal brushing marks (Figure 293).

TYPE: cf. Bullard Brushed

**Figure 293. cf. Bullard Brushed jar, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 1, Camp Co. 69

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 7.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.3

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: Plain

TYPE: Unidentified plain ware vessel

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: strong brown (7.5YR 5/6); fire clouding on the body and base

EXTERIOR SURFACE COLOR: strong brown (7.5YR 5/6); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.4 mm, body; 12.7 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: Plain

TYPE: Unidentified plain ware vessel

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 2

NON-PLASTICS: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.9 mm, body; 13.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 27.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved scroll and circle motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The central circle has two inner circles, the outermost of which has a series of spurs.

TYPE: Ripley Engraved, *var. Galt*

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 3

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, scalloped lip (Figure 294)

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.5; 14.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 20.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.8

BASE DIAMETER (IN CM): 9.2

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has a scroll and circle engraved motif (Thurmond 1990:Figure 6c) repeated four times around the vessel. The principal circle element has a small centrally-placed cross-in-circle element (Figure 294).

TYPE: Ripley Engraved, *var. Galt*

**Figure 294. Ripley Engraved, *var. Galt* compound bowl, Burial 2, Pot 3, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 4

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: Inverted rim and a flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.6

ORIFICE DIAMETER (IN CM): 11.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.6

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: The rim panel has a unique but poorly executed design consisting of two widely-spaced sets of two or three vertical engraved lines, as well as two triangles, and a small scroll (Figure 295).

TYPE: Unidentified engraved fine ware vessel

**Figure 295. Engraved bowl, Burial 2, Pot 4, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 5

NON-PLASTICS: bone and hematite

VESSEL FORM: Bottle with a slightly flaring neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.9 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none, but eroded

HEIGHT (IN CM): 20.2

ORIFICE DIAMETER (IN CM): 5.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.8; 14.9 cm maximum body diameter

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 0.55 liters

DECORATION: The vessel body has a continuous engraved scroll and broad hooked arm elements that meander above and below large engraved triangles (Figure 296).

TYPE: Unidentified engraved fine ware vessel

**Figure 296. Engraved bottle, Burial 2, Pot 5, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 7.6 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.4

ORIFICE DIAMETER (IN CM): 9.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.72 liters

DECORATION: There are six horizontal engraved lines on the rim and upper body of this vessel (Figure 297).

TYPE: Unidentified engraved fine ware vessel

**Figure 297. Horizontal engraved jar, Burial 2, Pot 7, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 8

NON-PLASTICS: bone and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 12.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 0.30 liters

DECORATION: The rim has four rectangular engraved panels divided by either one or three vertical engraved lines. One of the panels is bisected by a single horizontal line; a second has a horizontal engraved line and a triangle element; and two others have a single horizontal engraved line that ends in a hatched triangle (Figure 298). There is also an interior engraved line at the carination point.

TYPE: Unidentified engraved fine ware vessel, cf. Ripley Engraved, *var*. *Reed*?

**Figure 298. Engraved carinated bowl of unknown type, Burial 2, Pot 8, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-yellow (7.5YR 6/6); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: pink (7.5YR 8/4); organic residue; fire clouding on the base and lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim; 7.4 mm, body; 8.9 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 15.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.7

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The rim has four rows of tool punctations. The vessel body has vertical incised lines that extend to within 3.0 cm of the base (Figure 299).

TYPE: Unidentified incised-punctated utility ware

**Figure 299. Punctated-incised jar, Burial 2, Pot 9, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 2, Pot 10

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 6.2 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has three horizontal engraved lines, and between these lines are engraved diagonal lines, triangles, and isolated curvilinear elements.

TYPE: Unidentified engraved fine ware vessel

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 3, Pot 1

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the body

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.7

ORIFICE DIAMETER (IN CM): 14.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.2

BASE DIAMETER (IN CM): 9.1

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim of the vessel has a continuous scroll motif as seen in Ripley Engraved vessels (Thurmond 1990:Figure 6f), but the motif is executed with incised lines. The scroll fill zones are incised, and filled with tool punctations (Figure 300).

TYPE: Unidentified incised-punctated utility ware, cf. Ripley Incised

**Figure 300. Incised-punctated jar with a scroll motif, Burial 3, Pot 1, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 3, Pot 2a

NON-PLASTICS: bone and grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 18.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.7

BASE DIAMETER (IN CM): 8.1

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has an engraved alternating nested triangle motif (see Thurmond 1990:Figure 6h) repeated four times around the vessel. Within the nested triangles are small semi-circles and ovals, as well as sets of 2-3 vertical engraved lines (Figure 301). A white clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Williams*

**Figure 301. Ripley Engraved, *var. Williams* compound bowl, Burial 3, Pot 2a, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 3, Pot 2b

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim; 6.0 mm, body; 8.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has sets of opposed and alternating incised-filled triangles. The body has vertical brushing marks that extend to within 2.5 cm of the vessel base (Figure 302).

TYPE: Maydelle Incised

**Figure 302. Maydelle Incised rim and body sherds, Burial 3, Pot 2b, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: Burial 6, Pot 1

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with four rim peaks (Figure 303)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim; 6.2 mm, body; 7.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 33.3

ORIFICE DIAMETER (IN CM): 17.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 7.6 liters

DECORATION: There are three rows of neck banded coils on the rim, as well as four vertical appliqued ridges under each rim peak. The vessel body has four appliqued ridge

chevrons, each divided by a vertical appliqued ridge that extend midway down the vessel body (Figure 303).

TYPE: La Rue Neck Banded

**Figure 303. La Rue Neck Banded jar, Burial 6, Pot 1, Cecil Guest site.**

SITE NAME OR SITE NUMBER: Cecil Guest

VESSEL NO.: No #

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks and four appliqued lug handles (Figure 304)

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, body; 13.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.9

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has five rows of tool punctations, and a single horizontal incised line at the rim-body juncture. The vessel body is divided into four panels with vertical appliqued fillets that extend to within 4.0 cm of the base. The panels are filled with a series of vertical to diagonal incised lines (Figure 304).

TYPE: Unidentified utility ware vessel

**Figure 304. Punctated-incised-appliqued jar rim and body sherds, Cecil Guest site.**

## Vessel Recordation Form, Boyd Farm, Camp County

There is only a single small engraved carinated bowl of unidentified type from the Boyd Farm site.

SITE NAME OR SITE NUMBER: Boyd Farm

VESSEL NO.: none

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: yellow (10YR 7/8); fire clouding on the base

EXTERIOR SURFACE COLOR: yellow (10YR 7/8)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.4

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.6

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.45 liters

DECORATION: The horizontal engraved rim panel has diagonal, vertical, and curvilinear engraved lines that are continuous around the vessel (Figure 305). A red clay pigment has been rubbed in the engraved lines.

TYPE: Unidentified fine ware vessel

**Figure 305. Engraved carinated bowl of unknown type, Boyd Farm site.**

## Vessel Recordation Forms, Lineburger Site (41CP493), Camp County

There are two Caddo vessels from the Lineburger site in the Tommy Johns collection, along with a large chipped biface (see below). One of the vessels is a small inverted rim carinated bowl with a typologically unidentifiable engraved motif, and the other is a small punctated jar.

SITE NAME OR SITE NUMBER: Lineburger

VESSEL NO.: none

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks and four lug handles (Figure 306)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on upper body

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.7; 11.0 cm at rim peaks

ORIFICE DIAMETER (IN CM): 9.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.9

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: There are nine rows of small tool punctations on the vessel rim (Figure 306).

TYPE: Unidentified punctated utility ware vessel

**Figure 306. Punctated jar, Lineburger site.**

SITE NAME OR SITE NUMBER: Lineburger

VESSEL NO.: none

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-red (5YR 4/6)

EXTERIOR SURFACE COLOR: yellowish-red (5YR 4/6); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 10.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.1

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 0.57 liters

DECORATION: The horizontal engraved rim panel has a series of unique elements, including vertical engraved lines, ovals, semi-circles, and diagonal engraved lines, without apparent rhyme or pattern (Figure 307).

TYPE: Unidentified engraved fine ware

**Figure 307. Engraved carinated bowl of unknown type, Lineburger site.**

## Vessel Recordation Forms, Avinger Rest Stop/Carl Owens Site (41CS132), Cass County, Texas

In the present collections, we documented two prehistoric Caddo ceramic vessels from the Avinger Rest Stop/Carol Owens site (41CS132). One of these was a plain bottle with a flaring neck, and the other was a punctated rim jar.

SITE NAME OR SITE NUMBER: Avinger Rest Stop/Carl Owens

VESSEL NO.: none

NON-PLASTICS: grog

VESSEL FORM: Bottle with a flaring neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.1

ORIFICE DIAMETER (IN CM): 4.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.8; 10.6 cm maximum body diameter

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.24 liters

DECORATION: Plain (Figure 308)

TYPE: Unidentified plain ware bottle

**Figure 308. Plain bottle from the Avinger Rest Stop/Carl Owens site.**

SITE NAME OR SITE NUMBER: Avinger Rest Stop/Carl Owens

VESSEL NO.: none

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 12.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.4

BASE DIAMETER (IN CM): 6.9

ESTIMATED VOLUME (IN LITERS): 0.89 liters

DECORATION: There are four rows of tool punctations on the vessel rim, and the body has diagonal brushing marks (Figure 309).

TYPE: Unidentified punctated-brushed utility ware

**Figure 309. Punctated-brushed jar from the Avinger Rest Stop/Carl Owens site.**

## Vessel Recordation Forms, Unknown Site near Harleton, Lake O' the Pines, Harrison County, Texas

It is suspected that this unknown site in Harrison County, Texas, may be the Peanut Patch or Patton site (41HS825), a large Titus phase cemetery on Arms Creek, a tributary to Big Cypress Creek in the near vicinity of Lake O' the Pines. Vessels from this site have been previously documented in the Buddy Calvin Jones collection (Perttula 2006), now curated at the Gregg County Historical Museum. The two vessels in the Tommy Johns collection include a Ripley Engraved carinated bowl and a Hodges Engraved bottle with a spool neck.

SITE NAME OR SITE NUMBER: Lake O' the Pines

VESSEL NO.: none

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 3.0 liters

DECORATION: The rim panel has an engraved scroll motif repeated four times around the vessel, but instead of having upper and lower scroll fill zones of small brackets and ovals (see Thurmond 1990:Figure 6b), this vessel has tick marks on the upper and lower rim panel. The scroll dividers are brackets with a single central diagonal engraved line (Figure 310).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 310. Ripley Engraved, *var. unspecified* carinated bowl, probably from the Peanut Patch or Patton site (41HS825).**

SITE NAME OR SITE NUMBER: Lake O' the Pines

VESSEL NO.: none

NON-PLASTICS: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: N/A

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel body has two tiers of meandering scrolls outlined by cross-hatched zones that end in hooked arms. There are negative ovals within these cross-hatched zones (Figure 311). A red clay pigment has been rubbed in the engraved lines.

TYPE: Hodges Engraved

**Figure 311. Hodges Engraved bottle, probably from the Peanut Patch or Patton site (41HS825).**

## Vessel Recordation Forms, Lone Star Lake Site (41MX65)

There are 39 vessels from the Lone Star Lake site (41MX65) in the Turner collection. Most of the vessels were purchased by Turner from various collectors, but nine vessels came from two burials (Vessels 59-62 in one burial and Vessels 63-67 from the second grave) excavated at the site by Robert L. Turner, Sr. and Robert L. Turner, Jr.

The 39 vessels include 26 (66.7%) fine wares, 11 (28.2%) utility wares, and two (5.1%) plain wares. The fine wares include Ripley Engraved carinated bowls and bowls (n=12), Taylor Engraved carinated bowls and bowls (n=3), Turner Engraved compound bowls (n=1), a Bailey Engraved bowl, Bailey Engraved bottles (n=3), Simms Engraved carinated bowls (n=1), a Wilder Engraved olla, Wilder Engraved bottles (n=2), a Hodges Engraved bottle, and an engraved carinated bowl of unidentified type. Among the utility wares are Karnack Brushed-Incised jars (n=3), Harleton Appliqued jars (n=3), La Rue Neck Banded jars (n=1), Maydelle Incised jars (n=1), vertically brushed jars (n=1), and incised-punctated jars (n=2). The plain wares include bottles (n=1) and bowls (n=1).

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 30

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the body; fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.1

ORIFICE DIAMETER (IN CM): 30.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.9

BASE DIAMETER (IN CM): 9.2

ESTIMATED VOLUME (IN LITERS): 4.1 liters

DECORATION: The rim panel has two distinct motifs that are each repeated four times around the vessel. The first motif includes two large nested ovals within triangles,

resembling an “eye,” divided by a cross-hatched bracket (Figure 312). The second motif is comprised of a group of four alternating nested triangles or bisected diamonds. Two of the nested triangles have small hatched triangles within them, a third nested triangle contains an oval or semi-circle, and the four nested triangle contains a semi-circle with a small central circle with excised rays.

TYPE: cf. Ripley Engraved, *var. unspecified*

**Figure 312. Ripley Engraved, *var. unspecified* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 31

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.1

ORIFICE DIAMETER (IN CM): 26.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.3

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: The rim panel has an engraved continuous scroll and semi-circle motif that is repeated four times around the vessel. The large semi-circle also has a small central engraved circle within it (Figure 313).

TYPE: Ripley Engraved, *var. Caldwell*

**Figure 313. Ripley Engraved, *var. Caldwell* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 32

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: dark brown (10YR 3/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 28.0

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.0

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 9.5 liters

DECORATION: The rim has a plain but roughened surface, much like selected examples of McKinney Plain (Suhm and Jelks 1962:97). The vessel body has vertical, horizontal, and curvilinear brushing extending to the vessel base (Figure 314).

TYPE: Unidentified utility ware vessel

**Figure 314. Brushed jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 33

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.8 mm, plain

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 21.4

ORIFICE DIAMETER (IN CM): 19.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.4

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 3.7 liters

DECORATION: The rim has two rows of tool punctations, one row under the lip and the other at the rim-body juncture. The body has four sets of appliqued ridge diamonds that extend from the rim-body juncture to the vessel base, and completely cover the vessel body (Figure 315).

TYPE: Harleton Appliqued

**Figure 315. Harleton Appliqued jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 34

NON-PLASTICS: grog

VESSEL FORM: Jar with a short rim (Figure 316)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 15.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.5

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 2.6 liters

DECORATION: The rim of the vessel has horizontal brushing marks, while the vessel body has vertical brushing that extends near the base (Figure 316).

TYPE: Karnack Brushed-Incised

**Figure 316. Karnack Brushed-Incised jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 35

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 31.5

ORIFICE DIAMETER (IN CM): 24.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 10.0 liters

DECORATION: The rim has 10 opposed and alternating incised triangles, along with two rows of tool punctations. The first row is below the lip and the second is at the rim-body juncture. The vessel body has vertical incised lines that extend to within 6.0 cm of the base (Figure 317).

TYPE: Maydelle Incised

**Figure 317. Maydelle Incised jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 36

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 9.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 25.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): 9.6

ESTIMATED VOLUME (IN LITERS): 3.1 liters

DECORATION: The upper rim panel has three horizontal engraved lines. The lower rim panel has short engraved dashes or triangular tick marks pendant from the lowermost horizontal engraved line from the upper rim panel (Figure 318). A white clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Turner Engraved, *var*. *Turner*

**Figure 318. Turner Engraved, *var. Turner* compound bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 37

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: very dark brown (7.5YR 2.5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 21.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.0

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim has a continuous engraved meandering scroll that is repeated four times around the vessel. The upper and lower scroll fill zones are filled with short curvilinear engraved lines and/or excised triangular areas (Figure 319). A red clay pigment has been rubbed in the engraved lines.

TYPE: cf. Taylor Engraved

**Figure 319. cf. Taylor Engraved carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 38

NON-PLASTICS: grog

VESSEL FORM: Olla

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 22.8

ORIFICE DIAMETER (IN CM): 8.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.1; 23.4 cm maximum body diameter

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 1.6 liters

DECORATION: The vessel body has four sets of curvilinear scrolls with two arms, beginning at upper and lower hatched triangles, that circle into one another but that is not marked by a central engraved or excised circle (Figure 320). A red clay pigment has been rubbed in the engraved lines.

TYPE: cf. Wilder Engraved, *var. unspecified*

**Figure 320. cf. Wilder Engraved, *var. unspecified* olla, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 39

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 4/2); fire clouding

EXTERIOR SURFACE COLOR: brown (7.5YR 4/2); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 8.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.8

ESTIMATED VOLUME (IN LITERS): 0.16 liters

DECORATION: The vessel, including the base, has five (four sets on the body) sets of engraved spirals that end in hooked arms. Each set of hooked arm spirals is divided by two or three closely-spaced vertical engraved lines (Figure 321). A red clay pigment has been rubbed in the engraved lines.

TYPE: Taylor Engraved

**Figure 321. Taylor Engraved bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 40

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.3

ORIFICE DIAMETER (IN CM): 20.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.3

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim panel has an engraved scroll motif (Thurmond 1990:Figure 6b) repeated four times around the vessel. The scrolls are divided by cross-hatched engraved brackets, and the upper and lower scroll fill zones are filled with a series of near vertical lines (Figure 322). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var*. *Gandy*

**Figure 322. Ripley Engraved, *var. Gandy* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 41

NON-PLASTICS: grog-hematite

VESSEL FORM: Jar with a short rim

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 4/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 16.4

ORIFICE DIAMETER (IN CM): 20.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.0

BASE DIAMETER (IN CM): 10.1

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The vessel has four sets of concentric engraved arcs on the body that point upward towards the rim, as well as four arcs below the rim that are filled with small punctations (Figure 323).

TYPE: cf. Bailey Engraved

**Figure 323. cf. Bailey Engraved jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 42

NON-PLASTICS: grog

VESSEL FORM: Jar with four appliqued lugs (Figure 324)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue on the body and rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.5

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim has three rows of tool punctations, as well as appliqued lugs under the vessel lip. The vessel body is divided into four panels by vertical appliqued ridges that extend to within 1.5 cm of the base. Within each panel is an appliqued fillet chevron whose apex points towards the vessel base (Figure 324).

TYPE: Harleton Appliqued

**Figure 324. Harleton Appliqued jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 43

NON-PLASTICS: grog

VESSEL FORM: Bottle with a spool neck (Figure 325)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.0; 3.2 cm neck height

ORIFICE DIAMETER (IN CM): 6.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.9; maximum diameter is 11.0 cm

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: The vessel bottle has two tiers of four excised hook arm scrolls as well as eight negative ovals within the hatched and excised horizontal dividers between tiers (Figure 325). A red clay pigment has been rubbed in the engraved lines.

TYPE: Hodges Engraved

**Figure 325. Hodges Engraved spool-necked bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 44

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: weak red (10R 4/4)

EXTERIOR SURFACE COLOR: weak red (10R 4/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 16.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.81 liters

DECORATION: The rim panel has four sets of upper and lower engraved/excised pendant triangles and horizontal scrolls. The pendant triangles and scrolls are divided by vertical excised brackets, not engraved circles or diamonds (cf. Thurmond 1990:Figure 6a). The vessel has been red-slipped on both interior and exterior surfaces (Figure 326). A white clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var*. *McKinney*

**Figure 326. cf. Ripley Engraved, *var. McKinney* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 47

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the body and burnished on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 8.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.8

BASE DIAMETER (IN CM): 4.4

ESTIMATED VOLUME (IN LITERS): 0.19 liters

DECORATION: The rim panel has four sets of upper and lower engraved/excised pendant triangles and horizontal scrolls (Figure 327). The pendant triangles and scrolls are divided by vertical excised brackets, not engraved circles or diamonds (cf. Thurmond 1990:Figure 6a).

TYPE: cf. Ripley Engraved, *var*. *McKinney*

**Figure 327. cf. Ripley Engraved, *var. McKinney* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 48

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.4

ORIFICE DIAMETER (IN CM): 9.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.5

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.25 liters

DECORATION: The rim panel has an engraved scroll and circle (Thurmond 1990:Figure 6c) repeated four times around the vessel. The scroll fill zones are filled with curvilinear lines rather than ovals or negative ovals. The central circle element has an inner circle with excised rays or spurs along its outer margins (Figure 328).

TYPE: cf. Ripley Engraved, *var*. *Galt*

**Figure 328. cf. Ripley Engraved, *var. Galt* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 49

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 12.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.7

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.71 liters

DECORATION: The rim panel has an engraved scroll and circle (Thurmond 1990:Figure 6c) repeated only three times around the vessel. The scroll fill zones are filled with ovals or negative ovals created by excising. The central circle element has an inner diamond element as well as a small excised dot (Figure 329). A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

**Figure 329. Ripley Engraved, *var. Galt* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 50

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired in a reducing environment)

INTERIOR SURFACE COLOR: red (10R 5/6)

EXTERIOR SURFACE COLOR: dark red (10R 3/6); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.47 liters

DECORATION: The rim panel has an engraved alternating nested triangle motif (Thurmond 1990:Figure 6h) repeated four times around the vessel. The dividers between the engraved nested triangles included one or two diagonal engraved lines as well as one or two diagonal hatched ladder elements (Figure 330). The vessel has an interior and exterior red slip.

TYPE: Ripley Engraved, *var. Williams*

**Figure 330. Ripley Engraved, *var. Williams* bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 51a

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.0; 10.5 cm maximum body diameter

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.22 liters

DECORATION: There is a single horizontal engraved line on the upper part of the bottle neck. The vessel body has a curvilinear scroll with two arms that meet in a large engraved open circle. Each scroll arm begins at an upper and lower triangular element on the vessel body (Figure 331). A red clay pigment has been rubbed in the engraved lines.

TYPE: cf. Wilder Engraved, var. Wilder

**Figure 331. cf. Wilder Engraved, *var. Wilder* bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 51b

NON-PLASTICS: grog

VESSEL FORM: Jar with a short rim (Figure 332)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 9.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.59 liters

DECORATION: There is a single row of tool punctations on the rim. The vessel body has five incised diamonds and incised nested triangles that extend from the rim-body juncture to the base (Figure 332).

TYPE: Unidentified utility ware vessel

**Figure 332. Punctated-incised jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 52

NON-PLASTICS: grog

VESSEL FORM: Shouldered bottle with a straight neck (Figure 333)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.8; maximum body diameter is 10.0 cm

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.26 liters

DECORATION: Plain (Figure 333)

TYPE: Unidentified plain ware vessel

**Figure 333. Plain bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 53

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.76 liters

DECORATION: Plain (Figure 334)

TYPE: Unidentified plain ware vessel

**Figure 334. Plain bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 55

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 22.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.1

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim panel has an engraved continuous scroll motif with hooked arms that is repeated five times around the vessel. Scroll dividers include small engraved brackets (Figure 335).

TYPE: Taylor Engraved

**Figure 335. Taylor Engraved carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 56

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3); fire clouding on the base

EXTERIOR SURFACE COLOR: brown (7.5YR 5/3); fire clouding on the body and the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 9.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.43 liters

DECORATION: The rim has vertical incised lines as well as a single row of tool punctations at the rim-body juncture. The body has a single tool punctated row 0.7 cm above the vessel base, and the vessel body between this row and the rim-body juncture is filled with randomly-placed teardrop-shaped tool punctations (Figure 336).

TYPE: Unidentified incised-punctated utility ware vessel

**Figure 336. Incised-punctated jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 58

NON-PLASTICS: none apparent

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 19.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.4

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim panel has six sets of engraved rectangles around the vessel, the rectangles being defined by closely-spaced and short vertical engraved lines (between 4-7 lines). The area within the engraved rectangle also has downward-pointing triangular tick marks (Figure 337). The lip also has regular notching marks on it.

TYPE: Simms Engraved

**Figure 337. Simms Engraved carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 59

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 338)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.1

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has four sets of appliqued nodes below each of the rim peaks. On the body, but set below each of the rim nodes, is a vertical appliqued ridge that extends midway down the vessel body. Between each of the appliqued ridges is an appliqued chevron pendant from the rim-body juncture (Figure 338).

TYPE: Harleton Appliqued

**Figure 338. Harleton Appliqued jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 60

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 20.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim panel has an engraved scroll motif repeated four times around the vessel. Each scroll has a single upper and lower tick mark instead of a scroll fill zone. The scrolls are divided by four vertical or near vertical engraved lines that together resemble an engraved bracket (Figure 339). The engraved lines are filled with a red clay pigment.

TYPE: Ripley Engraved, *var. unspecified*

**Figure 339. Ripley Engraved, *var. unspecified* carinated bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 62

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct to slightly inverted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 14.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.4

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.60 liters

DECORATION: The rim panel has engraved nested rectangles that are repeated five times around the vessel. At the center of each rectangle is a single horizontal engraved line. The rectangles are divided from each other by two opposed sets of 3-5 vertical to arcing lines that extend from the rim to the carination point (Figure 340). A red clay pigment has been rubbed in the engraved lines.

TYPE: Unidentified engraved fine ware vessel

**Figure 340. Engraved carinated bowl of unknown type, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 63

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: missing

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark gray (10YR 4/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.0+

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A; maximum body diameter is 17.5 cm

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.29 liters

DECORATION: The vessel body has four panels of concentric engraved arcs (Figure 341). A red clay pigment has been rubbed in the engraved lines.

TYPE: Bailey Engraved

**Figure 341. Bailey Engraved bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 64

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim; 5.1 mm, body; 11.3 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central element is an engraved circle with a centrally-placed engraved diamond within each of the circles. There is also an interior engraved line at the carination.

TYPE: Ripley Engraved, *var*. *McKinney*

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 65

NON-PLASTICS: bone and hematite

VESSEL FORM: Jar with a very short rim (Figure 342)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body and base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim; 5.6 mm, body; 10.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 19.5

ORIFICE DIAMETER (IN CM): 10.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): 1.8 liters

DECORATION: There is a row of tool punctates under the vessel lip. The body has vertical brushed-incised lines that extend to the vessel base (Figure 342).

TYPE: Karnack Brushed-Incised

**Figure 342. Karnack Brushed-Incised jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 66

NON-PLASTICS: grog

VESSEL FORM: Jar with a tall rim

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim; 7.0 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 26.0

ORIFICE DIAMETER (IN CM): 19.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 6.7 liters

DECORATION: The rim has horizontal brushing-incising, with a row of tool punctates at the rim-body juncture. The vessel body is divided into four panels by four vertical appliqued fillets that extend to within 2.0 cm of the base. Each panel is filled with vertical brushing marks (Figure 343).

TYPE: cf. Pease Brushed-Incised

**Figure 343. cf. Pease Brushed-Incised jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 67

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.6

ORIFICE DIAMETER (IN CM): 4.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.5; 11.0 cm maximum body diameter

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: The vessel body has a curvilinear scroll that ends in a single hooked arm element, rather than two arms of a scroll that meet at a circle. Each of the scroll arms begins at an upper hatched engraved triangle (Figure 344). Between each panel is a single prominent engraved dash, somewhat reminiscent of the series of engraved dashes on Belcher Engraved bottles (see Suhm and Jelks 1962:Plate 5k-m). A red clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Wilder Engraved, *var. unspecified*

**Figure 344. cf. Wilder Engraved, *var. unspecified* bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 68

NON-PLASTICS: grog and charred organics

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 12.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.33 liters

DECORATION: The rim area has 18 large alternating engraved nested triangles around the vessel (Figure 345).

TYPE: cf. Ripley Engraved, *var. unspecified*

**Figure 345. cf. Ripley Engraved, *var. unspecified* bowl, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 69

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); organic residue on the body

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 9.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.54 liters

DECORATION: The rim has two rows of neck bands. The vessel body is defined into panels by four sets of three closely-spaced vertical appliqued ridges. Each panel also has three sets of appliqued nodes immediately below the rim-body juncture (Figure 346).

TYPE: La Rue Neck Banded

**Figure 346. La Rue Neck Banded jar, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 70

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished on the neck and smoothed on the body

HEIGHT (IN CM): 12.5

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.6; 9.5 cm maximum body diameter

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: The vessel body has four panels of concentric engraved arcs, either widening towards the vessel base or towards the vessel neck. Partially dividing each of the concentric arcs of engraved lines are four triangular areas under the neck that are filled with small tool punctations made after the vessel had been fired (Figure 347). There is a red clay pigment rubbed into the engraved lines and the tool punctates.

TYPE: Bailey Engraved

**Figure 347. Bailey Engraved bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 71

NON-PLASTICS: bone

VESSEL FORM: Bottle with a spool neck and four body peaks (Figure 348)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 4.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.1; 8.3 cm is the maximum body diameter

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.27 liters

DECORATION: The body has four panels of seven concentric engraved semi-circles. Every other concentric engraved line has downward-pointing triangular tick marks. Partially separating each of the panels are triangular areas under the neck that are filled with small punctations (Figure 348). A red clay pigment has been rubbed in the engraved lines and the punctations.

TYPE: cf. Bailey Engraved

**Figure 348. cf. Bailey Engraved spool-necked bottle, Lone Star Lake site.**

SITE NAME OR SITE NUMBER: Lone Star Lake

VESSEL NO.: 72

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 15.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.78 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements include two sets of alternating circles and diamonds. Within each of the large circles and diamonds are small centrally-placed circles with four rays or spurs (Figure 349).

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 349. Ripley Engraved, *var. McKinney* carinated bowl, Lone Star Lake site.**

## Vessel Recordation Forms, Keith Site (41TT11)

The Turner collection has nine vessels from the Keith site (41TT11). Eight of the vessels are from Burial 1, and the ninth vessel is from Burial 2. According to Turner's notes, the latter vessel was from a previously dug burial, and "the pot thrown back in probably because it was broken." The nine vessels from the two burials include several varieties (particularly *var*. *McKinney*) of Ripley Engraved carinated bowls (n=4), a Ripley Engraved jar, a Wilder Engraved bottle, an engraved bowl of unidentified type, a plain bottle, and a plain bowl.

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/3); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim; 8.3 mm, body; 12.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.5

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 4.2 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central element in the motif alternates between an engraved circle (twice) and an engraved diamond (twice). Each central element has a small central circle with four excised rays or spurs (Figure 350).

TYPE: Ripley Engraved, *var. McKinney*

**Figure 350. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Pot 1, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 2

NON-PLASTICS: bone and grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: C (incompletely oxidized during firing)

INTERIOR SURFACE COLOR: reddish-brown (5YR 4/4)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 7.6 mm, body; 10.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.76 liters

DECORATION: The upper part of the vessel has a horizontal engraved panel filled with equally-spaced curvilinear to near vertical lines (Figure 351). A red clay pigment has been rubbed in the engraved lines.

TYPE: Unidentified engraved fine ware vessel

**Figure 351. Engraved bowl of unknown type, Burial 1, Pot 2, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 6.6 mm, body; 12.0 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central element in the motif alternates between an engraved circle (twice) and an engraved diamond (twice). Each central element has either a small central open circle or a small central open diamond (Figure 352).

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 352. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Pot 3, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 4

NON-PLASTICS: bone and grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.8

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.0; 7.1 cm is maximum body diameter

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.23 liters

DECORATION: Plain (Figure 353)

TYPE: Unidentified plain ware bottle

**Figure 353. Plain bottle, Burial 1, Pot 4, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 5

NON-PLASTICS: bone and grog

VESSEL FORM: Miniature bowl (Figure 354); glauconite residue on the vessel interior

RIM AND LIP FORM: Direct rim and rounded, exterior folded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/4)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 3.0

ORIFICE DIAMETER (IN CM): 6.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 3.2

ESTIMATED VOLUME (IN LITERS): 0.08 liters

DECORATION: Plain (Figure 354)

TYPE: Unidentified plain ware vessel

**Figure 354. Plain miniature bowl, Burial 1, Pot 5, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 6

NON-PLASTICS: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.65 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) with alternating circle (n=2) and diamond (n=2) central elements. Each central element also has a small central circle with four excised rays or spurs (Figure 355).

TYPE: Ripley Engraved, *var. McKinney*

**Figure 355. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Pot 6, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 7

NON-PLASTICS: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/4)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body and burnished on the rim

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.8

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.86 liters

DECORATION: The rim has a simplified engraved scroll and circle motif repeated two times around the vessel. The scroll elements resemble the continuous scroll (see Thurmond 1990:Figure 6f), but with scroll fill zones comprised only of excised triangles, and there are excised triangles on the central vertical engraved line of the scroll. The scroll elements alternate with engraved circles, each with small central excised diamonds within them (Figure 356).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 356. Ripley Engraved, *var. unspecified* carinated bowl, Burial 1, Pot 7, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 1, Pot 8

NON-PLASTICS: bone and grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Missing

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: gray (10YR 5/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.5+

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A; 10.2 cm at maximum body diameter

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.46 liters

DECORATION: The body has four sets of curvilinear engraved scroll lines or arms that hook around each other and have small excised triangular areas where the upper and lower scroll lines meet. The scrolls originate from upper and lower hatched triangles (Figure 357).

TYPE: Wilder Engraved, *var. Wilder*

**Figure 357. Wilder Engraved, *var. Wilder* bottle, Burial 1, Pot 8, Keith site.**

SITE NAME OR SITE NUMBER: Keith

VESSEL NO.: Burial 2, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: gray (10YR 5/1)

EXTERIOR SURFACE COLOR: gray (10YR 5/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.8 mm, rim; 4.8 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.0

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has four horizontal engraved lines on it. The vessel body has four sets of engraved concentric circles of varying sizes, and the outer concentric circle has two hatched pendant triangles. The circles are divided by large brackets with a single S-shaped engraved line (Figure 358).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 358. Ripley Engraved, *var. unspecified* jar, Burial 2, Pot 1, Keith site.**

## Vessel Recordation Forms, Alex Justiss Site (41TT13)

There are five Ripley Engraved vessels in the Robert L. Turner collection from the Alex Justiss site. Four of these vessels were previously documented by Perttula (2003) during the course of PBS&J data recovery investigations at the site, but Burial 24, Pot 3 was overlooked during the previous study.

The Ripley Engraved vessels in the Turner collection include *var. McKinney* (n=1), *var. Gandy* (n=2), and *var. Pilgrims* (n=2) carinated bowls. Other ceramic types identified in the Alex Justiss ceramic funerary offerings from other collections are Pease Brushed-Incised, La Rue Neck Banded, Bullard Brushed, Harleton Appliqued, Wilder Engraved, Taylor Engraved, Simms Engraved, Avery Engraved, and Keno Trailed (Bell 1981; Rogers et al. 2003).

SITE NAME OR SITE NUMBER: Alex Justiss

VESSEL NO.: Burial 22; Perttula (2003:Figure 26) refers to this as Burial 22, Vessel 2.

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: brownish-yellow (10YR 6/6); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.5

BASE DIAMETER (IN CM): 10.1

ESTIMATED VOLUME (IN LITERS): 1.85 liters

DECORATION: The rim panel has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central element includes circles (or buttons) and diamonds that alternate twice on the rim panel. Each central element has a small central engraved diamond within it (Figure 359).

TYPE: Ripley Engraved, *var. McKinney*

**Figure 359. Ripley Engraved, *var. McKinney* carinated bowl, Burial 22, Pot 2, Alex Justiss site.**

SITE NAME OR SITE NUMBER: Alex Justiss

VESSEL NO.: Burial 22; Perttula (2003:Figure 27) refers to this as Burial 22, Vessel 3.

NON-PLASTICS: grog, hematite, and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 24.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.1

BASE DIAMETER (IN CM): 8.6

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim panel has an engraved scroll motif (see Thurmond 1990:Figure 6b) repeated four times around the vessel. The scrolls are divided by brackets filled with upper and lower oval elements and a single central horizontal engraved line, rather than a vertical S-shaped element (Figure 360).

TYPE: Ripley Engraved, *var*. *Gandy*

**Figure 360. Ripley Engraved, *var. Gandy* carinated bowl, Burial 22, Pot 3, Alex Justiss site.**

SITE NAME OR SITE NUMBER: Alex Justiss

VESSEL NO.: Burial 24, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 16.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.2

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): 0.59 liters

DECORATION: The rim panel has an engraved scroll motif (see Thurmond 1990:Figure 6b; see also Perttula 2003:Figure 28) repeated four times around the vessel. The scrolls are divided by brackets with two triangular tick marks, creating a poorly defined vertical and negative S-shaped element (Figure 361).

TYPE: Ripley Engraved, *var*. *Gandy*

**Figure 361. Ripley Engraved, *var. Gandy* carinated bowl, Burial 24, Pot 1, Alex Justiss site.**

SITE NAME OR SITE NUMBER: Alex Justiss

VESSEL NO.: Burial 24, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.7

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.1

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 4.2 liters

DECORATION: The rim panel has an engraved horizontal interlocking scroll motif (see Thurmond 1990:Figure 6g) repeated four times around the vessel. Each upper and lower part of the rim panel also has a single engraved pendant triangle (Figure 362). The individual scrolls are divided by three vertical to curvilinear engraved lines rather than brackets (see also Perttula 2003:Figure 29).

TYPE: cf. Ripley Engraved, *var. Pilgrims*

**Figure 362. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Burial 24, Pot 2, Alex Justiss site.**

SITE NAME OR SITE NUMBER: Alex Justiss

VESSEL NO.: Burial 24, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim; 8.4 mm, body; 10.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.9

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.5

BASE DIAMETER (IN CM): 9.6

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim panel has an engraved horizontal interlocking scroll motif (see Thurmond 1990:Figure 6g) repeated four times around the vessel. Each upper and lower part of the rim panel also has a single small triangular tick or spur mark. The individual scrolls are divided by cross-hatched brackets (Figure 363).

TYPE: cf. Ripley Engraved, *var. Pilgrims*

**Figure 363. cf. Ripley Engraved, *var. Pilgrims* carinated bowl, Burial 24, Pot 3, Alex Justiss site.**

## Vessel Recordation Forms, Graydon Adkins, Site 2 (41UR17)

There are 11 Caddo ceramic vessels from the Graydon Adkins #2 site, 10 of which are from four of the burials (Burial 2, 4, 5, and 8) excavated there in the 1950s; one of the vessels does not have any provenience information, but may be from Burial 8 (see Turner 1997:Figure 18). The 11 vessels in the Turner collection include plain bowls (n=4), plain carinated bowls (n=1), plain bottles (n=1), punctated jars (n=1), an incised jar with strap handles (n=1), engraved bowls (n=2), and engraved bottles (n=1) of unidentified types. The percentage of plain wares in these funerary vessels is 55%.

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 2, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

EXTERIOR SURFACE COLOR: dark reddish-brown (5YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 13.2, base

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 21.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 10.5

ESTIMATED VOLUME (IN LITERS): 0.85 liters

DECORATION: The vessel has a wide cross-hatched horizontal and vertical scroll zone repeated four times on the upper part of the vessel. These broad cross-hatched scroll zones are divided by sets of two horizontal and vertical engraved lines (Figure 364). A red clay pigment has been rubbed in the engraved lines.

TYPE: Unidentified engraved fine ware vessel

**Figure 364. Engraved bowl of unknown type, Burial 2, Pot 2, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 2, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: dark reddish-gray (5YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 8.3 mm, body; 10.2 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.3; 9.5 cm maximum body diameter

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.36 liters

DECORATION: Plain (Figure 365)

TYPE: Unidentified plain ware bottle

**Figure 365. Plain bottle, Burial 2, Pot 3, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 2, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/4); fire clouding on the base

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim; 8.3 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.7

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: Plain

TYPE: Unidentified plain ware

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 4, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Deep bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark gray (10YR 4/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim; 5.8 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 12.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.98 liters

DECORATION: Plain (Figure 366)

TYPE: Unidentified plain ware vessel

**Figure 366. Plain deep bowl, Burial 4, Pot 1, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 4, Pot 2

NON-PLASTICS: bone and grog

VESSEL FORM: Bowl

RIM AND LIP FORM: missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.0+

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: Plain

TYPE: Unidentified plain ware vessel

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 5, Pot 1

NON-PLASTICS: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.5

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.0

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: The rim has five or more rows of tear drop-shaped tool punctations (Figure 367).

TYPE: Unidentified punctated utility ware vessel

**Figure 367. Punctated jar, Burial 5, Pot 1, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 5, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 6.4 mm, body; 8.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.91 liters

DECORATION: Plain (Figure 368)

TYPE: Unidentified plain ware vessel

**Figure 368. Plain carinated bowl rim, body, and base sherds, Burial 5, Pot 2, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 5, Pot 3

NON-PLASTICS: bone, grog, and hematite

VESSEL FORM: Bottle with a slightly tapered neck

RIM AND LIP FORM: Direct rim; the lip is missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 22.5

ORIFICE DIAMETER (IN CM): 6.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.3; maximum body diameter of 14.5 cm

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.68 liters

DECORATION: There are three horizontal engraved lines below the bottle neck. The body has two tiers of panels, the lower tier extending to the vessel base. The upper tier has both three vertical panels with hatched triangles, and one rectangle, along the edge of each panel, as well as two panels with squares or rectangles. The panels are divided by three vertical engraved lines. The lower tier has three vertical panels divided into four rectangles with triangular hatched corners (Figure 369).

TYPE: Unidentified engraved fine ware vessel

**Figure 369. Engraved bottle, Burial 5, Pot 3, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 5, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 7.3 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 20.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 0.87 liters

DECORATION: The upper part of the vessel has six sets of vertical engraved lines (usually four lines) divided by poorly executed diagonal and cross-hatched engraved lines (Figure 370).

TYPE: Unidentified engraved fine ware vessel

**Figure 370. Engraved bowl of unknown type, Burial 5, Pot 4, Graydon Adkins, Site 2.**

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: Burial 8, Pot 2

NON-PLASTICS: bone and grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 7.0 mm, body; 11.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 0.42 liters

DECORATION: Plain

TYPE: Unidentified plain ware vessel

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 2

VESSEL NO.: none

NON-PLASTICS: bone and grog

VESSEL FORM: Jar with two opposed strap handles (Figure 371)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding and organic residue

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding and organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim; 4.7 mm, body; 10.1 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has 5-6 horizontal incised lines; the strap handles have vertical incised lines. The vessel body has sets of vertical incised lines (4-5 lines) separated by a single vertical incised line under each strap handle (Figure 371).

TYPE: Unidentified incised utility ware vessel

**Figure 371. Incised jar, Graydon Adkins, Site 2.**

## Vessel Recordation Forms, Graydon Adkins, Site 1 (41UR21)

All three of the vessels in the Turner collection from the Graydon Adkins #1 site were given to Turner by Ralph Nicholas. The archeological context of these vessels is not known. The vessels include a plain carinated bowl, a Ripley Engraved, *var. Galt* compound bowl, and a carinated bowl with four opposed appliqued nodes on the rim panel.

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 1

VESSEL NO.: No # (given to Turner by Ralph Nicholas)

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim; 7.2 mm, body; 10.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.2

BASE DIAMETER (IN CM): 8.6

ESTIMATED VOLUME (IN LITERS): 0.97 liters

DECORATION: The exterior vessel surface is plain, but there is a single horizontal engraved line on the vessel interior at the carination point.

TYPE: Unidentified fine ware vessel

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 1

VESSEL NO.: No # (given to Turner by Ralph Nicholas)

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-yellow (7.5YR 6/6); fire clouding on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-yellow (7.5YR 6/6); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim; 5.5 mm, body; 7.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 27.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has a single centrally-placed horizontal engraved line on it. The lower rim panel has an engraved scroll and circle motif (see Thurmond 1990:Figure 6c) repeated four times around the vessel. The circle element also has a single small central circle within it.

TYPE: Ripley Engraved, *var. Galt*

SITE NAME OR SITE NUMBER: Graydon Adkins, Site 1

VESSEL NO.: No # (given to Turner by Ralph Nicholas)

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim; 4.2 mm, body; 6.3 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.9

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: There are four evenly-spaced appliqued nodes on the rim panel.

TYPE: Unidentified utility ware vessel

## Vessel Recordation Forms, Keeling Site, Upshur County, Texas

The Caddo vessels that we documented from the Keeling site are held at the Northeast Texas Rural Heritage Museum in Pittsburg, Texas. During excavations by the Keeling family, a total of 15 Titus phase burials were explored, and these vessels are among the many funerary offerings.

The utility ware vessels from the Keeling site include an appliqued jar, Harleton Appliqued jars (n=5), Karnack Brushed-Incised jars (n=1), and an incised-punctated-brushed jar. Among the fine wares are engraved bowls (n=1) of unidentified type, several varieties of Ripley Engraved carinated bowls (n=9), Taylor Engraved carinated bowls (n=1), Turner Engraved, *var. Horton* compound bowls (n=1), a Wilder Engraved jar, a compound bowl with both Taylor Engraved and Ripley Engraved motifs/decorative elements, a carinated bowl with Simms Engraved and Taylor Engraved motifs/decorative elements, a Bailey Engraved olla, a Keno Trailed, *var. Phillips* bowl (dating to the late 17$^{th}$-early 18$^{th}$ century), a Poynor Engraved, *var. Blackburn* carinated bowl, Ripley Engraved bottles (n=3), a Wilder Engraved, *var. Wilder* bottle, and Hodges Engraved bottles (n=1). There are also plain carinated bowls (n=1) and bottles (n=2) in the collection.

In addition to the 34 Caddo vessels from the Keeling site in this collection, there are also four ground stone celts (siltstone, ferruginous sandstone, quartzite, and graywacke), a gray chert large biface, a gray chert flake tool, a Gary point preform of quartzite, a quartzite polishing stone, and two pieces of fired kaolin clay. Although not documented as part of this project, there were reportedly 72 arrow points recovered from the 15 burials, among them 66 Talco (91.7%) and six Bassett (8.3%) points.

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.001

NON-PLASTICS: grog-bone-hematite

VESSEL FORM: Jar with two opposed suspension holes (Figure 372)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a low oxygen environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 9.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.8

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.36 liters

DECORATION: There are four vertical appliqued ridges that extend from near the rim to near the base.

TYPE: Unidentified appliqued utility ware vessel, cf. Cass Appliqued

**Figure 372. cf. Cass Appliqued jar, Keeling site, Vessel .001.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.002

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.9

ESTIMATED VOLUME (IN LITERS): 0.32 liters

DECORATION: The upper part of the vessel has a horizontal engraved panel filled with 12 opposed sets of triangular engraved elements (Figure 373).

TYPE: unidentified fine ware vessel

**Figure 373. Engraved bowl of unknown type, Keeling site, Vessel .002.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.003

NON-PLASTICS: grog-hematite

VESSEL FORM: Jar with four rim peaks and four appliqued lugs (Figure 374)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment, and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 17.5 cm; 18.2 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: There are single rows of tool punctates on the rim, one under the lip and on the rim peaks, the other at the rim-body juncture. A horizontal appliqued ridge is nestled under this punctated row. The remainder of the rim is covered with short vertical appliqued ridges (Figure 374).

On the body are four repeating sets of appliqued scroll (four in number per set) and circle elements, with a central appliqued node within each appliqued circle. There are also four small hooked arm appliqued ridges above the appliqued scrolls. The area not covered with appliqued elements is covered with brushing marks (Figure 374).

TYPE: Harleton Appliqued

**Figure 374. Harleton Appliqued jar, Keeling site, Vessel .003.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.004

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks (Figure 375)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.5 cm; 17.4 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 18.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 2.7 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has eight alternating appliqued fillet chevrons, four with the apex pointing towards the rim and four with the apex pointing towards the base (Figure 375).

TYPE: Harleton Appliqued

**Figure 375. Harleton Appliqued jar, Keeling site, Vessel .004.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.005

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with four rim peaks

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.7

ORIFICE DIAMETER (IN CM): 12.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.4

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.92 liters

DECORATION: The rim has alternating sets of triangular incised lines, with 10 such sets around the rim. On the vessel body are four appliqued fillet panels filled with appliqued fillet diamonds and a central appliqued node. There are also appliqued nodes on either side of the top of each vertical appliqued fillet panel (Figure 376).

TYPE: Harleton Appliqued

**Figure 376. Harleton Appliqued jar, Keeling site, Vessel .005.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.006

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim and base

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 15.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.7

BASE DIAMETER (IN CM): 5.9

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The rim has randomly placed tool punctations. The body has four nearly vertical appliqued ridge panels filled with unique sets of diagonal and triangular appliqued ridges (Figure 377).

TYPE: cf. Harleton Appliqued

**Figure 377. cf. Harleton Appliqued jar, Keeling site, Vessel .006.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.007

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with four rim peaks (Figure 378)

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim is horizontally brushed, with four sets of two appliqued nodes under each rim peak. There is a distinct raised collar at the rim-body juncture (Figure 378).

The vessel body has four panels, defined by vertical appliqued fillets, of concentric appliqued fillet semi-circles and a central circle, with a large central appliqued node within the central circle. Each appliqued fillet panel divider begins with a triangular appliqued fillet element underneath the rim-body juncture (Figure 378).

TYPE: Harleton Appliqued

**Figure 378. Harleton Appliqued jar, Keeling site, Vessel .007.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.008

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark red (10R 3/6)

EXTERIOR SURFACE COLOR: dark red (10R 3/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.4

ORIFICE DIAMETER (IN CM): 15.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.2

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.79 liters

DECORATION: The rim panel has a central ticked oval repeated four times around the vessel; within each oval is a vertical ticked scroll line. Between each of the ovals is a diagonal scroll line (also ticked) and upper and lower fill zones defined by sets of four negative ovals (Figure 379). The largest of the negative ovals has a small vertical dash or

spur within it, similar to the small dashed mark or spur used on the circle and nested triangle and alternate nested triangles motifs on Ripley Engraved vessels (Thurmond 1990:Figure 6e, h). Both the interior and exterior vessel surfaces have a red slip.

TYPE: cf. Ripley Engraved, var. unspecified

**Figure 379. cf. Ripley Engraved, *var. unspecified* carinated bowl, Keeling site, Vessel .008.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.009

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 4/3); fire clouding on the rim

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2) and brown (7.5YR 4/3); fire clouds on the rim; organic residue on the lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 17.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.85 liters

DECORATION: The rim has 25 engraved panels defined by vertical dividers or brackets, each with hatched upper and lower triangular corners (Figure 380).

TYPE: Poynor Engraved, *var*. *Blackburn* (Perttula 2008:Figure 1b); this vessel appears to be a trade vessel from the upper Neches River basin

**Figure 380. Poynor Engraved, *var. Blackburn* carinated bowl, Keeling site, Vessel .009.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.010

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.83 liters

DECORATION: The rim panel has two different scroll motifs, each repeated twice around the vessel rim. The first motif includes both a vertical engraved line and vertical curvilinear line that reach from the rim to the carination, as well as hatched upper and lower scroll fill zones. The other motif includes a single vertical curvilinear line that reaches from the rim to the carination as well as a single continuous scroll line; there are also upper and lower hatched scroll fill zones (Figure 381).

TYPE: Ripley Engraved (see Thurmond 1990:Figure 6b), *var. unspecified*

**Figure 381. Ripley Engraved, *var. unspecified* carinated bowl, Keeling site, Vessel .010.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.011

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 4/3)

EXTERIOR SURFACE COLOR: brown (10YR 4/3); dark grayish-brown fire clouds

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.8

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.85 liters

DECORATION: The rim panel has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated four times on the rim (Figure 382). The upper and lower scroll fill zones include ovals and excised brackets.

TYPE: Ripley Engraved, *var. Carpenter*

**Figure 382. Ripley Engraved, *var. Carpenter* carinated bowl, Keeling site, Vessel .011.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.012

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.2 mm, rim; 5.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 17.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.8

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.86 liters

DECORATION: The rim panel has a scroll and circle motif (see Thurmond 1990:Figure 6c) repeated four times around the vessel. Each circle has a small central circle with five small triangular tick marks or excised rays (Figure 383).

TYPE: Ripley Engraved, *var. Galt*

**Figure 383. Ripley Engraved, *var. Galt* carinated bowl, Keeling site, Vessel .012.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.013

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding on the base

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.61 liters

DECORATION: The rim panel has an engraved pendant triangle motif (see Thurmond 1990:Figure 6a) repeated four times around the vessel rim. The central part of the motif alternates between a circle and a diamond element, each with a smaller central circle or diamond with excised rays (Figure 384).

TYPE: Ripley Engraved, *var. McKinney*

**Figure 384. Ripley Engraved, *var. McKinney* carinated bowl, Keeling site, Vessel .013.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.014

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (2.5YR 5/4)

EXTERIOR SURFACE COLOR: reddish-brown (2.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 13.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.3

BASE DIAMETER (IN CM): 5.2

ESTIMATED VOLUME (IN LITERS): 0.48 liters

DECORATION: The rim panel has an engraved pendant triangle motif (see Thurmond 1990:Figure 6a) repeated four times around the vessel rim. The central part of the motif alternates between a circle and a diamond element; the diamond element has a smaller central diamond with four large excised rays (Figure 385). The vessel has both an interior and exterior red slip.

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 385. Ripley Engraved, *var. McKinney* carinated bowl, Keeling site, Vessel .014.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.015

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-red (5YR 5/6); fire clouding on the base

EXTERIOR SURFACE COLOR: yellowish-red (5YR 5/6); fire clouding on the base and organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.5

ORIFICE DIAMETER (IN CM): 26.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.1

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim panel has a modified pendant triangle engraved motif (Figure 386). There are upper and lower lines of pendant triangles, two engraved circle central elements (both with a smaller central diamond element with four excised rays), and vertical negative S elements (see Thurmond 1990:Figure 6b) at the end of each upper and lower scroll bracket (see Thurmond 1990:Figure 6a).

TYPE: cf. Ripley Engraved, *var. McKinney*

**Figure 386. cf. Ripley Engraved, *var. McKinney* carinated bowl, Keeling site, Vessel .015.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.016

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim with a rounded and exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.5 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 23.5

ORIFICE DIAMETER (IN CM): 32.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 33.2

BASE DIAMETER (IN CM): 9.4

ESTIMATED VOLUME (IN LITERS): 6.3 liters

DECORATION: The upper rim panel has a single horizontal engraved line below the lip. The lower rim panel of the vessel has a pendant triangle motif (see Thurmond 1990:Figure 6a) that is repeated four times around the vessel. The central elements of the motif are engraved diamonds and circles. The circle is unadorned, but the engraved diamonds have a smaller centrally-placed diamond within it (Figure 387).

TYPE: Ripley Engraved, *var*. *McKinney*

**Figure 387. Ripley Engraved, *var. McKinney* compound bowl, Keeling site, Vessel .016.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.017

NON-PLASTICS: grog

VESSEL FORM: Olla

RIM AND LIP FORM: Direct rim with a rounded and exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: -

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 28.5

ORIFICE DIAMETER (IN CM): 9.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0; maximum body diameter is 25.5 cm

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: There are four sets of 18 arcing concentric engraved lines on the upper part of the vessel body. Above the concentric lines is a single horizontal engraved line under the neck (Figure 388); viewed from above, the engraved line forms a square around the olla neck.

TYPE: Bailey Engraved

**Figure 388. Bailey Engraved olla, Keeling site, Vessel .017.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.018

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 27.5

ORIFICE DIAMETER (IN CM): 31.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.0

BASE DIAMETER (IN CM): 10.4

ESTIMATED VOLUME (IN LITERS): 6.1 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has hooked arm scrolls repeated four times, with each scroll divided by a vertical negative S-shaped element (see Thurmond 1990:Figure 6b). There are a total of four negative S-shaped elements, one of which is a backward negative S (Figure 389). The upper and lower scroll fill zones consist of excised triangle elements.

TYPE: cf. Ripley Engraved, *var. unspecified*

**Figure 389. cf. Ripley Engraved, *var. unspecified* compound bowl, Keeling site, Vessel .018.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.019

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray (7.5YR 4/1)

EXTERIOR SURFACE COLOR: light brown (7.5YR 6/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim; 11.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 39.0

ORIFICE DIAMETER (IN CM): 28.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.0

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 14.4 liters

DECORATION: The vessel rim has two separate decorations. Half of the rim has random tool punctations, while the other has alternating incised triangles filled with tool punctations. The vessel also has vertical brushing on the body that extends to within 3.5 cm of the base (Figure 390).

TYPE: Unidentified incised-punctated-brushed utility ware vessel, cf. Maydelle Incised

**Figure 390. Incised-brushed-punctated jar, Keeling site, Vessel .019.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.020

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): 15.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.58 liters

DECORATION: The vessel rim and body has four sets of interlocked upper and lower vertical trailed lines (eight trailed lines per upper and lower parts of the motif) (Figure 391). The rim is also lip notched, and a red clay pigment has been rubbed in the trailed lines.

TYPE: Keno Trailed, *var*. *Phillips* (Schambach and Miller 1984)

**Figure 391. Keno Trailed, *var. Phillips* bowl, Keeling site, Vessel .020.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.021

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl with narrow rim (Figure 392)

RIM AND LIP FORM: Inverted to direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: very dark grayish-brown (10YR 3/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER (IN CM): 9.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.5

BASE DIAMETER (IN CM): 5.2

ESTIMATED VOLUME (IN LITERS): 0.33 liters

DECORATION: The rim panel has alternating sets of closely-spaced vertical and diagonal engraved lines. The vessel body has hooked arms scrolls that are repeated four times on the vessel (Figure 392). The hooked arm scrolls are divided by upper and lower nested triangles (two times) or a sideways triangle with a small central triangular element within it. A red pigment has been rubbed in the engraved lines on both rim panels.

TYPE: cf. Simms Engraved and/or Taylor Engraved

**Figure 392. cf. Simms-Taylor Engraved carinated bowl, Keeling site, Vessel .021.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.022

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouds on the vessel body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, body; 7.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The body of the vessel has vertical brushed marks and incised lines on it (Figure 393).

TYPE: cf. Karnack Brushed-Incised

**Figure 393. cf. Karnack Brushed-Incised jar, Keeling site, Vessel .022.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.023

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; the vessel has a glauconite staining

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the base and lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 7.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.3

BASE DIAMETER (IN CM): 3.3

ESTIMATED VOLUME (IN LITERS): 0.18 liters

DECORATION: The rim panel has a circle and nested triangle motif (Thurmond 1990:Figure 6e) repeated four times around the vessel. Each central circle has only a single central excised dot. The nested triangle element is repeated twice on the upper and lower rim, alternating with excised triangular elements (Figure 394). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

**Figure 394. Ripley Engraved, *var. Cash* carinated bowl, Keeling site, Vessel .023.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.024

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim with a rounded and exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim; 5.9 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.6

ORIFICE DIAMETER (IN CM): 8.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.7

BASE DIAMETER (IN CM): 4.3

ESTIMATED VOLUME (IN LITERS): 0.17 liters

DECORATION: The rim has a scroll motif repeated four times around the vessel, engraved pendant triangles as upper and lower scroll fill zones under the lip and at the carination, and four hatched vertical brackets (Figure 395).

TYPE: Ripley Engraved, *var. unspecified*

**Figure 395. Ripley Engraved, *var. unspecified* carinated bowl, Keeling site, Vessel .024.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.025

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/4)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.7

ORIFICE DIAMETER (IN CM): 8.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.8

BASE DIAMETER (IN CM): 5.4

ESTIMATED VOLUME (IN LITERS): 0.25 liters

DECORATION: Plain (Figure 396)

TYPE: Unidentified plain ware vessel

**Figure 396. Plain carinated bowl, Keeling site, Vessel .025.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.026

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks (Figure 397)

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.8 mm, rim; 4.6 mm, body

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.9 cm; 4.5 cm in height at the rim peak

ORIFICE DIAMETER (IN CM): 8.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.8

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.26 liters

DECORATION: The upper rim panel has a single centrally-placed horizontal engraved line; the rim peaks have a decoration consisting of negative ovals with a small central engraved circle (Figure 397). The lower rim panel, defined by a single upper horizontal engraved line, has 12 sets of hatched engraved triangles divided by either vertical or diagonal (pitched in different directions) engraved lines.

TYPE: Turner Engraved, *var*. *Horton*

**Figure 397. Turner Engraved, *var. Horton* compound bowl, Keeling site, Vessel .026.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.027

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: missing

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.0+

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 9.0 cm maximum body diameter

BASE DIAMETER (IN CM): 4.4

ESTIMATED VOLUME (IN LITERS): 0.16+ liters

DECORATION: The engraved decoration on the vessel body is delimited by two horizontal engraved lines at the base of the bottle neck and two horizontal engraved lines above the vessel base. The decoration on the body includes concentric circles, cross in circles, concentric rectangles, and concentric ovals, all with no consistent orientation or design execution. Bottle panel dividers include vertical engraved panels filled with rectangles, as well as triangular, and semi-circular elements (Figure 398). A red pigment has been rubbed in the engraved lines.

TYPE: cf. Ripley Engraved, *var. unspecified*

**Figure 398. cf. Ripley Engraved, *var. unspecified* bottle, Keeling site, Vessel .027.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.028

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a flaring neck; it is square in plan view with four body peaks and nodes (Figure 399)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 19.0

ORIFICE DIAMETER (IN CM): 4.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 14.4 cm is the maximum body diameter

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.61 liters

DECORATION: Below, three horizontal engraved lines below the bottle neck, the body is divided into four parts with repeating sets of concentric engraved circles separated by upper and lower engraved nested triangles (Figure 399). At the center of each of the sets of engraved concentric circles is an appliqued node at the body peak.

TYPE: cf. Taylor Engraved

**Figure 399. cf. Taylor Engraved bottle, Keeling site, Vessel .028.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.029

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck, a collar at the base of the neck, and four body peaks (Figure 400)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.9

ORIFICE DIAMETER (IN CM): 4.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.1

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.36 liters

DECORATION: There are three horizontal engraved lines below the base of the neck, as well as a single horizontal engraved line above the base. The vessel body decoration consists of engraved semi-circles repeated four times, with rectangular engraved zones both above and below the semi-circles. The innermost engraved semi-circle in each set has small hatched pendant triangles. The semi-circles are divided by four sets of engraved diamonds that are pendant from the lower horizontal engraved line, but connected to the upper engraved lines by a single vertical engraved line (Figure 400). The engraved diamond element has a small central engraved diamond within it.

TYPE: Ripley Engraved, *var. Ripley*

**Figure 400. Ripley Engraved, *var. Ripley* bottle, Keeling site, Vessel .029.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.030

NON-PLASTICS: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown (10YR 5/6)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/6); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.6

ORIFICE DIAMETER (IN CM): 4.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.5

BASE DIAMETER (IN CM): 5.3

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: Plain (Figure 401)

TYPE: Unidentified plain ware bottle

**Figure 401. Plain bottle, Keeling site, Vessel .030.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.031

NON-PLASTICS: grog and bone

VESSEL FORM: Jar or olla

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.1 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.6

ORIFICE DIAMETER (IN CM): 7.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.9

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The vessel body has a hooked arm engraved scroll that is repeated four times around the vessel. There are small triangular elements at the upper and lower ends of the vessel that divide the hooked arm scrolls from one another; the hooked arms of the scroll begin at the apex of the triangular elements (Figure 402). There is a single horizontal engraved line above the vessel base.

TYPE: Wilder Engraved, *var. unspecified*

**Figure 402. Wilder Engraved, *var. unspecified* olla, Keeling site, Vessel .031.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.032

NON-PLASTICS: grog

VESSEL FORM: Bottle with a slightly flaring neck

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 3.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.9

BASE DIAMETER (IN CM): 5.1

ESTIMATED VOLUME (IN LITERS): 0.22 liters

DECORATION: Plain (Figure 403)

TYPE: Unidentified plain ware bottle

**Figure 403. Plain bottle, Keeling site, Vessel .032.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.033

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a straight and narrow neck

RIM AND LIP FORM: missing

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.7+

ORIFICE DIAMETER (IN CM): 3.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.0; maximum body diameter is 8.0 cm

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.23+ liters

DECORATION: The vessel body is delimited by three horizontal engraved lines under the bottle neck and one horizontal engraved line above the base. On the body is a vertical engraved scroll, repeated three times, with upper and lower arms that meet at the center at a small excised circle. To either side of this excised circle are excised areas that Suhm and Jelks (1962:155) describe as "swellings." The upper and lower arms of the scroll begin from the apex of large upper and lower engraved pendant triangles with hatched corners (Figure 404).

TYPE: Wilder Engraved, *var. Wilder*

**Figure 404. Wilder Engraved, *var. Wilder* bottle, Keeling site, Vessel .033.**

SITE NAME OR SITE NUMBER: Keeling

VESSEL NO.: 2003.010.034

NON-PLASTICS: grog and possibly also a fine shell

VESSEL FORM: Bottle with a straight neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.9 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 4.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.5

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.35 liters

DECORATION: The vessel body has a negative meandering scroll outlined by upper and lower cross-hatched areas. These cross-hatched areas end in four sets of hooked arms. The lower cross-hatched area encompasses four empty engraved circles (Figure 405).

TYPE: Hodges Engraved

**Figure 405. Hodges Engraved bottle, Keeling site, Vessel .034.**

## Vessel Recordation Forms, Moughon Site, Upshur County, Texas

The one vessel from the Moughon site that we have documented is a large engraved bottle classified as Ripley Engraved, *var. Ripley*. As mentioned above, this is a new variety of Ripley Engraved defined on the basis of the current vessel documentation project.

SITE NAME OR SITE NUMBER: Moughon

VESSEL NO.: Burial 2, Pot 10

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight to flaring neck and four extreme body peaks (Figure 406)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black (10YR 2/1)

EXTERIOR SURFACE COLOR: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 20.0

ORIFICE DIAMETER (IN CM): 4.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 11.4 cm is the maximum body diameter

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.60 liters

DECORATION: The body has four repeating sets of adjacent circles and diamonds, underneath three horizontal engraved lines at the base of the bottle neck. The central engraved circle has a smaller circle within it that has triangular tick marks that face inward. The larger engraved diamond element has two smaller diamonds within it, the middle diamond having triangular tick marks that face outward (Figure 406). Underneath and above the central engraved circles are curvilinear zones with outward-facing triangular tick marks, and there is a small engraved rectangle within each of the zones. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Ripley*

**Figure 406. Ripley Engraved, *var. Ripley* bottle, Burial 2, Pot 10, Moughon site.**

## Sulphur River Basin Site

Red Martin was an artifact collector that worked the shoreline at Lake Wright Patman, amassing an impressive range of chipped stone artifacts and ceramic sherds from a range of sites that he mounted in glass frames. There is no information available on which sites—or their locations—the materials were collected from at Lake Wright Patman. Tommy Johns purchased the collection some years ago. In addition to the projectile points and ceramic sherds, there is a single prehistoric Caddo pottery vessel in the collection.

## Vessel Recordation Form, Red Martin, Cass County, Texas

The one Red Martin collection vessel we documented from Lake Wright Patman is a small brushed-appliqued jar, probably of the Pease Brushed-Incised type (Suhm and Jelks 1962:Plate 60). Pease Brushed-Incised vessels were made and used by Caddo Indian peoples in both Middle (ca. A.D. 1200-1400) and Late Caddo (ca. A.D. 1400-1680) period times in the lower Sulphur River basis (Jelks 1961; Cliff 1997; Perttula 1998).

SITE NAME OR SITE NUMBER: Red Martin Collection, Lake Wright Patman

VESSEL NO.: No #

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4);; fire clouding on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.7

ORIFICE DIAMETER (IN CM): 12.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.7

BASE DIAMETER (IN CM): 6.6

ESTIMATED VOLUME (IN LITERS): 0.80 liters

DECORATION: The rim has horizontal brushing marks on it. The vessel body has multiple widely-spaced vertical appliqued ridges with vertical brushing between the ridges (Figure 407).

TYPE: Unidentified brushed-appliqued vessel, cf. Pease Brushed-Incised (Suhm and Jelks 1962:119).

**Figure 407. Brushed-appliqued jar, Red Martin Collection.**

## Neches-Angelina River Basin Sites

## Vessel Recordation Forms, Unknown Cherokee County Site

According to Robert L. Turner's notes, the vessels from the unknown Cherokee County site originally came from the R. G. Upton collection. They were found in about 1930 at the "forks of Bowles and White Oak creeks" in west central Cherokee County.

The three vessels from this site include a deep bowl, a small Killough Pinched jar, and a brushed-incised-appliqued jar. The occurrence of the Killough Pinched vessel suggests the site from which the vessels came likely dates to the Late Caddo Frankston phase (ca. A.D. 1400-1650).

SITE NAME OR SITE NUMBER: Unknown Cherokee County site, Upton

VESSEL NO.: none

NON-PLASTICS: undetermined

VESSEL FORM: Deep bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: N/A

INTERIOR SURFACE COLOR: N/A (vessel heavily reconstructed)

EXTERIOR SURFACE COLOR: N/A

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.7 mm, rim

INTERIOR SURFACE TREATMENT: N/A

EXTERIOR SURFACE TREATMENT: N/A

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.25 liters

DECORATION: Plain (Figure 408)

TYPE: Unidentified plain ware vessel

**Figure 408. Plain deep bowl, Unknown Cherokee County site.**

SITE NAME OR SITE NUMBER: Unknown Cherokee County site, Upton

VESSEL NO.: none

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.9

ORIFICE DIAMETER (IN CM): 9.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.8

BASE DIAMETER (IN CM): 6.6

ESTIMATED VOLUME (IN LITERS): 0.71 liters

DECORATION: There are nine rows of linear punctations on the rim. The vessel body has 33 vertical pinched rows (Figure 409).

TYPE: Killough Pinched

**Figure 409. Killough Pinched jar, Unknown Cherokee County site.**

SITE NAME OR SITE NUMBER: Unknown Cherokee County site, Upton

VESSEL NO.: none

NON-PLASTICS: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim with a rounded and exterior folded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown (5YR 5/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.5 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.79 liters

DECORATION: The rim has horizontal brushing marks and incised lines. The vessel body has panels defined by vertical appliqued fillets. Within each panel are closely-spaced vertical incised lines (Figure 410).

TYPE: cf. Reavely Brushed-Incised (Hart 1982)

**Figure 410. cf. Reavely Brushed-Incised jar, Unknown Cherokee County site.**

## Vessel Recordation Forms, Deshazo Site (41NA27)

Bob Turner and his father excavated nine burials (Burials 1-9) from Area A at the southern end of the Deshazo site in the late 1930s (Story 1995:1). They recovered a total of 13 vessels from these burials, and they have been described by Fields (1995:203-208).

The fine ware vessels include Patton Engraved bowls and jars (n=2), Taylor Engraved carinated bowls (n=1), Natchitoches Engraved bowls (n=1), a possible Hume Engraved bowl, and unidentified engraved carinated bowls and compound bowls (n=2). The utility wares are incised-brushed jars (n=1), brushed-punctated jars (n=1), punctated jars (n=1), appliqued jars (n=1), and a brushed-appliqued jar (n=1). There is also a plain bowl (n=1).

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 1 (Turner); Fields (1995:206) refers to this as Vessel 12

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim with a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: dark grayish-brown (10YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.4

ESTIMATED VOLUME (IN LITERS): 0.35 liters

DECORATION: The vessel has two engraved hooked arm scrolls (composed of three engraved lines) within oval engraved panels consisting of two arcing lines. The outer line of the oval panels have triangular tick marks, as does the outer line of the hooked arm element. There are also hatched triangular elements on the outside of the oval panels and hooked arm scrolls, at both the top and bottom of the bowl (Figure 411).

The oval panels and scrolls are set within an area of the vessel delimited by two upper (under the lip) and lower (above the base) sets of horizontal engraved lines. In the case of the upper set of horizontal engraved lines, the area between the two lines is filled with 38 hatched pendant triangles (Figure 411). In one area at the rim, there are five additional hatched pendant triangles below the second horizontal engraved line.

There is an engraved open cross on the vessel base.

TYPE: Patton Engraved, *var*. *Patton*

**Figure 411. Patton Engraved, *var. Patton* bowl, Deshazo site, Burial 1.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 2 (Turner); Fields (1995:203) refers to this as Vessel 6

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: missing

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); organic residue

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.0+

ORIFICE DIAMETER (IN CM): 8.7+

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.52+ liters

DECORATION: A small portion of the remaining rim has a set of diagonal incised lines. The vessel body has opposed brushing marks, and there is at least one appliqued node at the rim-body juncture (Figure 412).

TYPE: Unidentified utility ware vessel

**Figure 412. Incised-brushed-appliqued jar, Deshazo site, Burial 2.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 2 (Turner); Fields (1995:203) refers to this as Vessel 1

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown (10YR 5/2)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 10.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.25 liters

DECORATION: Plain (Figure 413)

TYPE: Unidentified plain ware vessel

**Figure 413. Plain bowl, Deshazo site, Burial 2.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 2 (Turner); Fields (1995:206) refers to this as Vessel 8

NON-PLASTICS: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the rim

EXTERIOR SURFACE COLOR: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 9.9

ORIFICE DIAMETER (IN CM): 10.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.5

BASE DIAMETER (IN CM): 4.7

ESTIMATED VOLUME (IN LITERS): 0.64

DECORATION: There are six rows of tool punctations on the rim, divided by two sets of vertical rows of punctations repeated four times on the rim. On the body, there are 13 rows of tool punctations, divided by three sets of vertical rows of punctations repeated five times on the body (Figure 414).

TYPE: Unidentified punctated jar

**Figure 414. Punctated jar, Deshazo site, Burial 2.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 3 (Turner); Fields (1995:206) refers to this as Vessel 11

NON-PLASTICS: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown (5YR 4/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/3); fire clouding on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim and smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.7

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: There are two horizontal engraved lines on the rim, forming a panel filled with rows of large hatched pendant triangles on the rim, including 30 hatched triangles pendant from both upper and lower horizontal lines (Figure 415).

TYPE: cf. Hume Engraved

**Figure 415. cf. Hume Engraved bowl, Deshazo site, Burial 3.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 4 (Turner); Fields (1995:206) refers to this as Vessel 10

NON-PLASTICS: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: strong brown (7.5YR 5/6); fire clouding

EXTERIOR SURFACE COLOR: reddish-brown (5YR 5/4); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim; 4.3 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.6

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.63 liters

DECORATION: There are two horizontal engraved lines on the rim, each with downward-pointing triangular tick marks.

TYPE: Patton Engraved, *var*. *Allen*

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 5 (Turner); Fields (1995:203) refers to this as Vessel 4

NON-PLASTICS: grog and large pieces of bone

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark reddish-gray (5YR 4/2)

EXTERIOR SURFACE COLOR: dark reddish-gray (5YR 4/2); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 9.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.54 liters

DECORATION: The only decoration is two opposed appliqued nodes below the vessel lip (Figure 416).

TYPE: Unidentified appliqued utility ware vessel

**Figure 416. Appliqued jar, Deshazo site, Burial 5.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 5 (Turner); Fields (1995:203-204) refers to this as Vessel 7

NON-PLASTICS: grog and bone; the vessel has a sandy paste

VESSEL FORM: Miniature Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: red (2.5YR 5/8); fire clouding

EXTERIOR SURFACE COLOR: red (2.5YR 5/8); fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.7

ORIFICE DIAMETER (IN CM): 6.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.3

BASE DIAMETER (IN CM): 3.6

ESTIMATED VOLUME (IN LITERS): 0.25 liters

DECORATION: There is a single row of tool punctations under the vessel lip. The body has diagonal brushing marks that extend to within 10 mm of the vessel base (Figure 417).

TYPE: Unidentified brushed-punctated utility ware

**Figure 417. Brushed-punctated jar, Deshazo site, Burial 5.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 5 (Turner); Fields (1995:207-208) refers to this as Vessel 15

NON-PLASTICS: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct to slightly everted rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-red (5YR 4/6)

EXTERIOR SURFACE COLOR: dark reddish-gray (5YR 4/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.7

ORIFICE DIAMETER (IN CM): 11.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.3

BASE DIAMETER (IN CM): 4.7

ESTIMATED VOLUME (IN LITERS): 0.47 liters

DECORATION: The rim has six rectangular engraved panels. Five have three horizontal-vertical scroll lines, a fourth vertical engraved line, and a fifth small rectangle with excised corners. The sixth panel is unique, with two vertical engraved lines, two horizontal-vertical scroll lines, and upper and lower rows of triangular tick marks (Figure 418).

TYPE: Unidentified engraved fine ware vessel, cf. Natchitoches Engraved?

**Figure 418. Engraved carinated bowl of unknown type, Deshazo site, Burial 5.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 6 (Turner); Fields (1995:207) refers to this as Vessel 14

NON-PLASTICS: bone and hematite

VESSEL FORM: Bowl; there is a collar between the rim and the body (Figure 419)

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: strong brown (7.5YR 5/6); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 13.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.43 liters

DECORATION: The rim has five rectangular engraved panels marked by vertical engraved bands filled with tool punctates. Within each rim panel is a single horizontal engraved and ticked line, an attached vertical engraved band filled with punctates, and a single curvilinear interlocking scroll line that has two short vertical engraved bands filled with tool punctates (Figure 419).

On the vessel body, there is a continuous curvilinear engraved scroll with hatched attachments, that meanders around either five sets of vertical engraved bands filled with punctates or four opposed sets of hatched zones (Figure 419). One scroll section has a second engraved line instead of a hatched zone that has triangular tick marks on it.

TYPE: cf. Natchitoches Engraved

**Figure 419. cf. Natchitoches Engraved bowl, Deshazo site, Burial 6.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 7 (Turner); Fields (1995:206) refers to this as Vessel 13

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.0

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.46 liters

DECORATION: The rim panel has six double hooked arm engraved scrolls, with sets of horizontal engraved lines between the scrolls. The short horizontal engraved lines have triangular tick marks on them (Figure 420). So too does one of the hooked arm scroll lines. There is a white pigment rubbed in the engraved lines.

TYPE: cf. Taylor Engraved

**Figure 420. cf. Taylor Engraved carinated bowl, Deshazo site, Burial 7.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 8 (Turner); Fields (1995:208) refers to this as Vessel 16

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: strong brown (7.5YR 5/6); fire clouding on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower panel and body

HEIGHT (IN CM): 11.2

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 1.28 liters

DECORATION: The upper rim panel has 11 alternating upper and lower engraved triangles filled with either hatched (upper set) or cross-hatched (lower set) lines. The lower rim panel has 12 rectangular panels defined by narrow bands of engraved cross-hatching. Alternating panels either have a central small engraved circle or are plain (Figure 421).

TYPE: Unidentified engraved fine ware vessel

**Figure 421. Engraved compound bowl of unknown type, Deshazo site, Burial 8.**

SITE NAME OR SITE NUMBER: Deshazo

VESSEL NO.: Burial 9 (Turner); Fields (1995:203) refers to this as Vessel 5

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 1.18 liters

DECORATION: The rim has faint vertical brushing marks. There is a horizontal appliqued fillet at the rim-body juncture, and four panels on the vessel body defined by vertical appliqued fillets that extend from the rim-body juncture to the base. The body panels have diagonal brushing marks (Figure 422). Each panel has a centrally placed appliqued node.

TYPE: Unidentified brushed-appliqued utility ware

**Figure 422. Brushed-appliqued jar, Deshazo site, Burial 9.**

## Vessel Recordation Forms, Stephens Farm Site (41NA202)

The Stephens Farm site (41NA202) was excavated by Robert L. Turner, Jr. and his father in 1940-1941 (Turner 2008). Turner (2008:9) is of the opinion that the ceramic vessels and vessel sections were from "at least one shallow grave of an individual that had been plowed up and the grave offerings scattered from the yearly cultivation of the area." In addition to the ceramic vessels, the Turner's recovered more than 7240 glass trade beads and two silver beads.

The six vessels from the Stephens Farm site include both fine wares and plain wares. The engraved fine wares are of the Natchitoches Engraved (n=1) and Patton Engraved types (n=1), both types found in Historic Caddo contexts in the Neches-

Angelina River basins, especially in contexts dating after ca. A.D. 1720. The plain wares include a plain bowl and three plain bottles, all small in size.

SITE NAME OR SITE NUMBER: Stephens Farm

VESSEL NO.: none

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim; 4.4 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: There are three horizontal engraved lines encircling the rim—the central line has triangular tick marks that point both towards the rim and towards the vessel base. Below the horizontal engraved lines are at least one hooked arm engraved scroll, with the central scroll line ticked, hatched fill zones and negative ovals, demarcated by three vertical engraved lines, one of which has tick marks (Figure 423).

TYPE: cf. Natchitoches Engraved

**Figure 423. cf. Natchitoches Engraved bowl, Stephens Farm.**

SITE NAME OR SITE NUMBER: Stephens Farm

VESSEL NO.: none

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.6

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.29 liters

DECORATION: There are four sets of arcing hooked arm scrolls on the rim and body; one set begins below the rim and the other begins near the vessel base. The sets of hooked arm scrolls have either three or four engraved lines, the outermost of which have triangular tick marks (Figure 424). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Patton Engraved, *var*. *Patton*

**Figure 424. Patton Engraved, *var. Patton* bowl, Stephens Farm.**

SITE NAME OR SITE NUMBER: Stephens Farm

VESSEL NO.: none

NON-PLASTICS: grog, hematite, and bone

VESSEL FORM: Bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.28 liters

DECORATION: Plain (Figure 425).

TYPE: Unidentified plain ware vessel

**Figure 425. Plain bowl Stephens Farm.**

SITE NAME OR SITE NUMBER: Stephens Farm

VESSEL NO.: none

NON-PLASTICS: grog and hematite

VESSEL FORM: Neckless bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: brown (7.5YR 4/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.6 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.5

ORIFICE DIAMETER (IN CM): 2.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.5 cm maximum body diameter

BASE DIAMETER (IN CM): 2.0

ESTIMATED VOLUME (IN LITERS): 0.05 liters

DECORATION: Plain (Figure 426)

TYPE: Unidentified plain ware vessel

**Figure 426. Plain bottle, Stephens Farm.**

SITE NAME OR SITE NUMBER: Stephens Farm

VESSEL NO.: none

NON-PLASTICS: grog and hematite

VESSEL FORM: Neckless bottle (Figure 427)

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: brown (7.5YR 5/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/3)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.1 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 2.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.4 cm maximum body diameter

BASE DIAMETER (IN CM): 2.5

ESTIMATED VOLUME (IN LITERS): 0.05 liters

DECORATION: Plain (Figure 427)

TYPE: Unidentified plain ware vessel

**Figure 427. Plain bottle, Stephens Farm.**

SITE NAME OR SITE NUMBER: Stephens Farm

VESSEL NO.: none

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Bottle

RIM AND LIP FORM: missing

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.5 mm, neck; 3.5 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 3.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.1; maximum body diameter is 5.0 cm

BASE DIAMETER (IN CM): 2.5

ESTIMATED VOLUME (IN LITERS): 0.05 liters

DECORATION: Plain (Figure 428)

TYPE: Unidentified plain ware vessel

**Figure 428. Plain bottle, Stephens Farm.**

## Vessel Recordation Form, Indian Creek Site, Nacogdoches County, Texas

The Indian Creek site is located in western Nacogdoches County (Robert L. Turner, Jr., 2009 personal communication). Its exact location is unknown and the site has not been formally recorded with the State of Texas. The one vessel from the site is a punctated jar.

SITE NAME OR SITE NUMBER: Indian Creek

VESSEL NO.: none

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in a high oxygen environment)

INTERIOR SURFACE COLOR: very pale brown (10YR 7/4)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 4.7

ORIFICE DIAMETER (IN CM): 5.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.7

BASE DIAMETER (IN CM): 2.9

ESTIMATED VOLUME (IN LITERS): 0.16 liters

DECORATION: There are vertical rows of tool punctations covering the rim and vessel body surface (Figure 429).

TYPE: Unidentified punctated utility ware

**Figure 429. Punctated jar, Indian Creek site, Nacogdoches County, Texas.**

## Sabine River Basin Site

The Bison site, Area B (16SA30/X16SA4), was excavated by Southern Methodist University prior to construction of Toledo Bend Reservoir (Woodall 1969). This Late Caddo site was situated on a low bluff overlooking Brown's Bend of the Sabine River.

During the excavations, Woodall (1969:29-39) identified a midden deposit on the bluff, as well as 16 burials, two large pits filled with trash (likely storage pits), a hearth, five small (38-53 cm in diameter) pits with charred deposits, and 14 post holes, possibly associated with an arbor structure. The burials included a variety of funerary offerings, including 84 ceramic vessels (identified by Woodall [1969] as Wilder Engraved, Ripley Engraved, Taylor Engraved, Belcher Engraved, Glassell Engraved, Pineland Punctated-Incised, Pease Brushed-Incised, Belcher Ridged, Karnack Brushed-Incised, Harleton Appliqued, and Cass Appliqued, along with several plain vessels), two sandstone ear spools, and 31 arrow points (Bassett and a corner-notched form). According to Jeff Girard (August 2009 personal communication), additional burials were excavated at the site by persons unknown after Woodall's work was completed and before the site was inundated.

## Vessel Recordation Form, Bison, Area B (16SA30/X16SA4)

The one Caddo vessel from the Bison, Area B site in the present collections is a plain bone-tempered jar.

SITE NAME OR SITE NUMBER: Bison, Area B

VESSEL NO.: 7

NON-PLASTICS: bone

VESSEL FORM: Jar

RIM AND LIP FORM: direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: 10YR 6/4; sooted

EXTERIOR SURFACE COLOR: 10YR 6/4; sooted and organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.4 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.4

ORIFICE DIAMETER (IN CM): 12.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.81 Liters

DECORATION: Plain (Figure 430)

TYPE: Unidentified plain ware vessel

**Figure 430. Plain jar, Bison site, Area B.**

## Pottery Vessel Comparisons and Ceramic Traditions

The majority of the 463 pottery vessels in the Turner and Johns collections (not including vessels from the Johns site, see Perttula et al. 2010) are from Late Caddo period Titus phase (ca. A.D. 1430-1680) cemeteries in the Big Cypress Creek basin in Northeast Texas (see Figures 1 and 6). As such, they are dominated by engraved fine ware vessels of different size ranges, particularly a number of varieties of Ripley Engraved carinated bowls and compound bowls, a diverse set of decorated utility ware cooking jars and bowls, many of them decorated with brushing, and a low proportion of plain wares. They are also grog-tempered ceramic vessel assemblage, but with a significant use of crushed and burned bone temper or hematite temper, and the majority of vessels were fired in a low oxygen or reducing environment.

There are also assemblages from two post-A.D. 1680 Historic Caddo period in the Angelina River basin in East Texas (Nacogdoches County), but they comprise less than 5% of the vessels under consideration in this report (see Table 1).

Finally, the pottery vessels from the Graydon Adkins site, No. 2, are apparently from a Middle Caddo period cemetery (see Turner 1997). There are a few vessels, based on decorative elements, from the Rumsey and Harold Williams site that may also be from Middle Caddo burials at these sites (see below).

In the discussions that follow, the analyses of the character of the different mortuary assemblages is based primarily on the sites with the largest samples of vessels. In particular, our interest is in examining differences and similarities in technological, functional, and stylistic attributes between mortuary vessel assemblages in post-15$^{th}$ century Titus phase and Allen phase cemeteries in the Big Cypress and Angelina River basins, respectively, and also consider the character of the one discrete Middle Caddo (ca. A.D. 1200-1400) cemetery at Graydon Adkins, Site 2.

### Vessel Forms

Titus phase mortuary vessel assemblages in the Big Cypress Creek basin are dominated by carinated bowls and jars, i.e., serving bowls and cooking pots. These vessel forms comprise 66.3% of the assemblages (Table 2). Other important vessel forms in these Titus phase assemblages are bottles (13.3%), bowls (10.3%), and compound bowls (9.3%). Rare vessel forms include ollas at two sites and a single chalice at the Tuck Carpenter.

**Table 2. Vessel Forms from Selected Caddo Sites in the Turner and Johns Collections.**

| Site | Jar | Carinated Bowl | Compound Bowl | Bowl | Bottle | Olla | Chalice |
|---|---|---|---|---|---|---|---|
| **Big Cypress Creek basin, Titus phase components** | | | | | | | |
| Rumsey | 33.3* | 24.1 | 5.6 | 20.4 | 16.7 | - | - |
| Carpenter | 29.5 | 42.3 | 11.5 | 6.5 | 9.5 | - | 0.5 |
| Williams | 33.3 | 33.3 | 9.5 | 4.8 | 19.0 | - | - |
| Horton | 26.7 | 33.3 | 16.7 | 10.0 | 13.3 | - | - |
| Guest | 42.1 | 31.6 | 10.5 | 10.5 | 5.3 | - | - |
| Keeling | 26.5 | 33.3 | 8.8 | 5.9 | 20.6 | 2.9 | - |
| Lone Star Lake | 28.2 | 35.9 | 2.6 | 12.8 | 17.9 | 2.6 | - |
| All Big Cypress Creek sites | 28.8 | 37.5 | 9.3 | 10.3 | 13.3 | 0.5 | 0.2 |
| **Big Cypress Creek basin, Middle Caddo component** | | | | | | | |
| Adkins, 2 | 18.2 | 9.1 | - | 36.3 | 36.3 | - | - |
| **Angelina River basin, Historic Caddo components** | | | | | | | |
| Stephens Farm | - | - | - | 50.0 | 50.0 | - | - |
| Deshazo | 46.2 | 15.4 | 7.7 | 30.8 | - | - | - |
| Subtotal, Neches-Angelina River basin sites | 39.1 | 8.7 | 4.3 | 34.8 | 13.0 | 0.0 | 0.0 |

*percentage

The one Middle Caddo period mortuary vessel assemblage in the Big Cypress basin, conversely, is dominated by bowls and bottles. These vessel forms comprise 72.6% of the vessels from Graydon Adkins, Site 2 (see Table 2). Jars and carinated bowls represent only 27.3% of the vessels documented from this cemetery.

The two Allen phase mortuary vessel assemblages considered in this report are dominated by jars and bowls (see Table 2). They account for 73.9% of the vessels in the small sample from the Deshazo and Stephens Farm sites. Bottles and carinated bowls were much less frequently placed as funerary offerings in the burials of the Southern Caddo peoples living in the Angelina River basin.

Much larger Titus phase (n=1347) and Frankston-Allen phase (n=415) mortuary vessel assemblages from the region (see Perttula 2000:Table 7) confirm the relative proportions of the different vessel forms in cemeteries from these two different groups in the region. In the larger Titus phase vessel sample, carinated bowls and jars represent 82% of the mortuary vessels, compared to 66% from our sample. Conversely, jars and bowls comprise 72% in the larger Frankston-Allen phase vessel sample and almost 74% in the vessel sample discussed in this report.

**Vessel Sizes**

The ceramic vessels from the Titus phase sites documented in this report were made in a wide range of sizes, based on volume (as well as orifice diameter and overall vessel height). These vessels range from as small in volume as 0.1 liters (bowls and a single bottle) to as large as 18.4 liters (an utility ware jar).

Among the different forms of vessels, generally speaking, the principal vessel forms are on average less than 1.0 liter in volume (Table 3). This includes 31% of the jars, 56% of the carinated bowls and 39% of the compound bowls, 100% of the bottles, and 92% of the bowls. The median vessel size for the bottles is 0.26-0.50 liters, while the median peak size of the bowls is 0.11-0.25 liters. The one chalice falls in the 0.26-0.50 liter range, while the two ollas range between 1.51-2.25 liters in volume. The large (greater than 3 liters) and very large (greater than 6 liters) vessels at the various Titus phase sites are exclusively jars, carinated bowls, and compound bowls.

**Table 3. Vessel sizes (in liters) among the Titus phase vessels.**

| Liters | Jar | Carinated Bowl | Compound Bowl | Bottle | Olla | Bowl | Chalice |
|---|---|---|---|---|---|---|---|
| 0-0.1 | - | - | - | 1 | - | 2 | - |
| 0.11-0.25 | 1 | 12 | - | 13 | - | 15 | - |
| 0.26-0.50 | 7 | 15 | 1 | 21 | - | 14 | 1 |
| 0.51-0.75 | 9 | 29 | 3 | 12 | - | 2 | - |
| 0.76-1.0 | 17 | 19 | 10 | 4 | - | 2 | - |
| 1.01-1.25 | 9 | 6 | 4 | - | - | 2 | - |
| 1.26-1.50 | 8 | 6 | 2 | - | - | 1 | - |
| 1.51-1.75 | 2 | - | 3 | - | 1 | - | - |
| 1.76-2.0 | 1 | 10 | 1 | - | - | - | - |

**Table 3. Vessel sizes (in liters) among the Titus phase vessels, cont.**

| Liters | Jar | Carinated Bowl | Compound Bowl | Bottle | Olla | Bowl | Chalice |
|---|---|---|---|---|---|---|---|
| 2.01-2.25 | 5 | 4 | 1 | - | 1 | - | - |
| 2.26-2.5 | 8 | 1 | 1 | - | - | - | - |
| 2.51-2.75 | 7 | - | 1 | - | - | - | - |
| 2.76-3.0 | 2 | 4 | - | - | - | - | - |
| 3.01-3.25 | 1 | 4 | 2 | - | - | - | - |
| 3.26-3.5 | 3 | 7 | - | - | - | - | - |
| 3.51-3.75 | 3 | 1 | - | - | - | - | - |
| 3.76-4.0 | 1 | 5 | - | - | - | - | - |
| 4.01-4.25 | - | 3 | 2 | - | - | - | - |
| 4.26-4.5 | 1 | 3 | 1 | - | - | - | - |
| 4.51-4.75 | - | 2 | - | - | - | - | - |
| 4.76-5.0 | - | 2 | - | - | - | - | - |
| 5.01-5.25 | 1 | - | - | - | - | - | - |
| 5.51-5.75 | - | - | 1 | - | - | - | - |
| 6.01-6.25 | 1 | - | 1 | - | - | - | - |
| 6.26-6.5 | 2 | - | 2 | - | - | - | - |
| 6.51-6.75 | 1 | - | - | - | - | - | - |
| 6.76-7.0 | 1 | - | - | - | - | - | - |
| 7.26-7.5 | 2 | - | - | - | - | - | - |
| 7.51-7.75 | 3 | - | - | - | - | - | - |
| 9.26-9.5 | 1 | - | - | - | - | - | - |
| 9.76-10.0 | 1 | - | - | - | - | - | - |
| 10.01-10.25 | 2 | - | - | - | - | - | - |
| 10.26-10.5 | 1 | - | - | - | - | - | - |
| 10.76-11.0 | 2 | - | - | - | - | - | - |
| 11.26-11.5 | 1 | - | - | - | - | - | - |
| 11.51-11.75 | 1 | - | - | - | - | - | - |
| 12.76-13.0 | 1 | - | - | - | - | - | - |
| 14.26-14.5 | 1 | - | - | - | - | - | - |

**Table 3. Vessel sizes (in liters) among the Titus phase vessels, cont.**

| Liters | Jar | Carinated Bowl | Compound Bowl | Bottle | Olla | Bowl | Chalice |
|---|---|---|---|---|---|---|---|
| 18.26-18.5 | 1 | - | - | - | - | - | - |
| Totals | 108 | 133 | 36 | 51 | 2 | 38 | 1 |

Among the jars, they occur in five size ranges, dominated by small to large volume jars, with occasionally a very large to extra large jar placed in a burial: small (0.11-1.0 liters, 31%), medium (1.01-3.0 liters, 38.9%), large (3.01-5.25 liters, 9.2%), very large (6.01-7.75 liters, 9.2%), and extra large (9.26-18.5 liters, 11.1%). The very large and extra large jars, probably storage vessels, account for 20.3% of the Titus phase jars discussed herein. At the Johns site, 14.1% of the utility ware jars fall in these size categories (see Table 3).

Among the carinated bowls, there are five size ranges: small (0.11-0.50 liters, 20.3%, perhaps miniature offerings included with children and adolescents); medium-sized (0.51-1.25 liters, 40.6%); large (1.26-2.25 liters, 15%); very large (2.51-4.25 liters, 18.0%); and extra large (4.26-5.0 liters, 5.3%) (see Table 3). The medium to large sizes account for 55.6% of the engraved carinated bowls, and almost 23.3% of the carinated bowls are very large to extra large in size. The large to extra large sized carinated bowls—as well as the compound bowls—placed in Titus phase burials were likely originally employed to serve foods to groups of people, perhaps during feasts or other community ceremonies, as opposed to representing individual serving vessels.

The engraved compound bowls have four size ranges: small (0.26-0.50 liters, 2.8%, perhaps miniature offerings included with children and adolescents); medium-sized (0.51-1.25 liters, 47.2%); large (1.26-2.0 liters, 16.7%); very large (2.01-3.25 liters, 13.9%); and extra large (4.01-6.5 liters, 19.4%) (see Table 3). The medium to large sizes account for 63.9% of the engraved compound bowls, and a substantial 33.3% of the compound bowls are very large to extra large in size.

The Middle Caddo vessels from Graydon Adkins, Site 2 include one medium-sized jar (2.4 liters), a medium-sized carinated bowl (0.91 liters), two medium-sized bottles (0.36-0.68 liters), and five bowls that range in size from 0.35-0.98 liters. The absence of any large, very large, or extra large vessel sizes is notable by comparison to their abundance in Big Cypress Creek Titus phase mortuary vessel assemblages.

Allen phase vessels from the Deshazo and Stephens Farm sites are small to medium-sized (Table 4); the neckless bottles are miniatures. The largest vessels in these

two assemblages are jars and compound bowls, a characteristic also apparent in the Titus phase vessel assemblages.

**Table 4. Vessel sizes (in liters) among the Allen phase vessels.**

| Liters | Jar | Carinated Bowl | Compound Bowl | Bottle | Bowl |
|---|---|---|---|---|---|
| 0-0.1 | - | - | - | 3 | - |
| 0.11-0.25 | 1 | - | - | - | 1 |
| 0.26-0.50 | - | 2 | - | - | 4 |
| 0.51-0.75 | 4 | - | - | - | 1 |
| 0.76-1.0 | - | - | - | - | - |
| 1.01-1.25 | 1 | - | - | - | - |
| 1.26-1.50 | - | - | 1 | - | - |
| Totals | 6 | 2 | 1 | 3 | 6 |

**Rim and Lip Form**

Distinct rim and lip forms characterize each of the different vessel forms at the Titus phase sites (Table 5). These differences in the vessel-rim profile, as well as the treatment of the lip of the vessel itself, are presumably related to the form and apparent intended function of these vessels, with different rim-lip co-associations for serving versus cooking/storage vessels.

**Table 5. Rim and Lip forms in the Titus phase vessels.**

| Rim and Lip | J | CB | CPB | Bw | Bt | O | Ch |
|---|---|---|---|---|---|---|---|
| Direct-rounded | 13 | 32 | 2 | 20 | 23 | - | - |
| Direct-rounded, ext. folded | 15 | 101 | 12 | 7 | 7 | 2 | - |
| Direct-rounded, int. folded | - | - | - | 1 | - | - | - |
| Direct-rounded, int. beveled | - | 1 | - | - | - | - | - |
| Direct-flat | 1 | 2 | - | 1 | 1 | - | - |
| Direct-flat, ext. folded | - | 1 | - | - | - | - | - |
| Everted-rounded | 71 | - | 11 | 2 | 14 | - | - |
| Everted-rounded, ext. folded | 10 | 2 | 13 | 1 | 1 | - | 1 |
| Everted-flat | 3 | - | 1 | - | - | - | - |

**Table 5. Rim and Lip forms in the Titus phase vessels, cont.**

| Rim and Lip | J | CB | CPB | Bw | Bt | O | Ch |
|---|---|---|---|---|---|---|---|
| Inverted-rounded | - | 8 | - | 2 | - | - | - |
| Inverted-rounded, ext. folded | - | 3 | - | - | - | - | - |
| Inverted-rounded, scalloped lip | - | 1 | - | - | - | - | - |
| Inverted-flat | - | - | - | 1 | - | - | - |
| Summary rim-lip | | | | | | | |
| Direct rim | 26* | **91** | 36 | 83 | 67 | 100 | - |
| Everted rim | **74** | 1.3 | **64** | 8.6 | 33 | - | 100 |
| Inverted rim | - | **7.9** | - | **8.6** | - | - | - |
| Rounded lip | **74** | 21 | 33 | **63** | **80** | - | - |
| Rounded, ext. folded lip | 22 | **69** | **62** | 23 | 17 | - | 100 |
| Flat lip | 3.5 | 1.3 | 2.6 | 2.9 | 2.2 | - | - |
| Interior beveled lip | - | 0.7 | - | - | - | - | - |
| Totals | 113 | 151 | 39 | 35 | 46 | 2 | 1 |

J=jar; CB=carinated bowl; CPB=compound bowl; Bw=bowl; Bt=bottle; O=olla; Ch=chalice
*percentage; bolded and underlined classes represent significant representation by vessel ware

Carinated bowls, bowls, and bottles (as well as the few ollas) tend to have direct rims, while jars and compound bowls (the upper rim panels) tend to have everted rims. Inverted rim vessels are restricted to carinated bowls and bowls (7.9-8.6%, see Table 5). Carinated bowls primarily are characterized by rounded lips that are exterior folded (i.e., folded out away from the vessel surface). Compound bowls have both simple rounded lips as well as exterior folded lips. Bowls tend to have direct rims and rounded lips, as do Titus phase bottles. Jars, on the other hand, have primarily everted rims, with rounded lips; exterior folded lips are found on 22% of the jars (see Table 5).

The rim and lip forms of the Middle Caddo vessels from Graydon Adkins, Site 2 are generally similar to the later Titus phase vessel assemblages, with the exception that none of the vessels have exterior folded lips and there are no inverted rim vessels. Jars have both everted and direct rims with rounded lips (n=2); bowls (n=5) have direct rims and rounded lips, as do the bottles (n=2), and carinated bowls (n=1).

Allen phase vessels also have a range of rim and lip profiles (Table 6). Bowls usually have direct rims and rounded lips—as was the case with the Titus phase bowls—

and jars have everted rims and rounded lips. Exterior folded lips are a common feature on Allen phase carinated bowls, and the one compound bowl also has an exterior folded lip (see Table 6). Overall, where the Titus and Allen phase rim and lip form attributes differ is in the relative proportions of inverted rim vessels—3.9% of the Titus phase vessel sample compared to 17.6% of the Allen phase vessels—and exterior folded lips: 45.2% of the Titus phase vessels and only 23.5% of the Allen phase vessels (see Tables 5 and 6).

**Table 6. Rim and Lip forms in the Allen phase vessels.**

| Rim and Lip | Bowl | Jar | Carinated bowl | Compound bowl | Bottle |
|---|---|---|---|---|---|
| Direct-rounded | 2 | 2 | - | - | 1 |
| Direct-rounded, ext. folded | 1 | - | 1 | 1 | - |
| Direct-rounded, int. folded | 1 | - | - | - | - |
| Everted-rounded | 1 | 3 | - | - | 1 |
| Inverted-rounded | 1 | - | - | - | 1 |
| Inverted-rounded, ext. folded | - | - | 1 | - | - |
| Summary rim-lip | | | | | |
| Direct rim | **66.7** | 40.0 | 50.0 | 100.0 | 33.3 |
| Everted rim | 16.7 | **60.0** | - | - | 33.3 |
| Inverted rim | 16.7 | - | 50.0 | - | 33.3 |
| Rounded lip | 66.7 | **100.0** | - | - | **100.0** |
| Rounded, ext. folded lip | 16.7 | - | **100.0** | 100.0 | - |
| Rounded, int. folded | 16.7 | - | - | - | - |
| Totals | 6 | 5 | 2 | 1 | 3 |

*percentage; bolded and underlined classes represent significant representation by vessel ware

A few of the different ceramic wares in the Titus phase vessel assemblages have distinctive rim and lip attributes. This includes scalloped and Redwine mode lips; spool necks and bottle collars; effigy heads and tab tails; rim peaks (where the rim has been quadrated by four peaks, where "the rim is drawn up into four peaks without, however, giving the vessel a square mouth" [Krieger 2009:37]); body peaks; handles of various attachment forms (strap, loop, and lug); and suspension holes (Table 7).

**Table 7. Other distinctive formal attributes of the fine wares, utility wares, and plain wares in Titus phase assemblages.**

| Distinctive attributes | Fine ware | Utility ware | Plain ware |
|---|---|---|---|
| Redwine mode | 0.8* | - | - |
| Scalloped lips | 0.5 | - | - |
| Spool necks, bottles | 0.5 | - | - |
| Collar, bottles | 1.0 | | |
| Effigy heads/tab tails | 1.6 | 1.3 | - |
| Rim peaks, Jars | 0.3 | 5.9 | - |
| Rim peaks, Compound bowls | 2.1 | - | 0.3 |
| Rim peaks, Carinated bowls | 0.8 | - | - |
| Body peaks, bottles | 1.6 | - | - |
| Loop handles, jars | 0.3 | 0.5 | - |
| Strap handles, carinated bowls | 0.3 | - | - |
| Strap handles, jars | - | 0.8 | - |
| Appliqued lug handles, jars | - | 1.6 | - |
| Suspension holes, jars | 0.5 | 0.3 | - |
| Suspension holes, compound bowl | 0.3 | - | - |
| Totals (n=387 vessels) | 10.3% | 9.3% | 0.3% |

*percentage

As Table 7 indicates, these distinctive formal attributes are confined almost exclusively to the fine wares and utility wares. Redwine mode and scalloped lip vessels, as well as spool necks and collars, are attributes only recognized in the engraved fine ware vessels, as are body peaks in fine ware bottles. Effigy vessels are equally represented (1.3-1.6% of these wares) in the fine wares and the utility wares. Rim peaked vessels comprise 3.2% of the fine wares in the Titus phase assemblages, and 5.9% of the utility wares; at the Johns site, 8.7% of the utility ware jars have rim peaks (Perttula et al. 2010:Table 7). Handles of any kind are rare in both the fine wares (0.6%) and utility wares (2.9%), as are fine ware (0.8%) and utility ware (0.3%) vessels with suspension holes.

**Temper and Paste**

Between 97-100% of the fine ware, utility ware, and plain ware vessels from the Titus phase mortuary assemblages are tempered with grog (or crushed pieces of fired clay) (Table 8). Other important temper inclusions include burned bone (especially among the utility wares) and hematite (also most common among the utility wares). The vessels must have been fired at a high enough temperature and for a sufficient length of time that almost all organic materials in the paste were successfully combusted; the only exception were two fine ware vessels tempered with grog that still had visible charred organic remains in the paste (Table 8).

**Table 8. Temper and paste characteristics, Titus phase vessels.**

| Temper/paste | Fine ware | Utility ware | Plain ware |
|---|---|---|---|
| Grog | 195 | 70 | 23 |
| Grog-organics | 2 | - | - |
| Grog-sandy paste | 2 | - | - |
| Grog-bone | 33 | 17 | 2 |
| Grog-bone-hematite | 5 | 6 | - |
| Grog-hematite | 18 | 11 | 3 |
| Bone | 5 | - | - |
| Bone-hematite | 2 | 2 | - |
| Shell | 1 | - | - |
| Shell-grog | 1 | - | - |
| Summary by ware | | | |
| % grog | 97.0 | 98.1 | 100.0 |
| % bone | 17.0 | 23.6 | 7.1 |
| % hematite | 9.5 | **18.0** | 10.7 |
| % shell | 0.8 | - | - |
| % organics | 0.8 | - | - |
| % sandy paste | 0.8 | - | - |
| Totals | 264 | 106 | 28 |

*percentage; bolded and underlined classes represent significant representation by vessel ware

Less than 1% of the Titus phase vessels have a sandy paste (see Table 8). This suggests, as was also the case at the Johns site (Perttula et al. 2010:Table 8), that a naturally sandy clay was not sought out by local Caddo potters for the manufacture of

either fine wares, utility wares, or plain wares, although such alluvial clays were employed only rarely in vessel manufacture.

Despite the apparent homogeneity of the temper recipes documented for the Titus phase vessel assemblage as a whole, there are considerable divergences between specific sites in the use of either bone or hematite temper in the vessel paste (Table 9). The most common use of bone temper is in Titus phase sites in the Greasy Creek and Tankersley Creek drainages (see Figure 6), while the use of crushed pieces of hematite in vessel manufacture is most frequent at the Cecil Guest site in the Dry Creek basin, at the Rumsey and Keeling sites on Greasy Creek, and the B. J. Horton site on Big Cypress Creek (see Figure 6). At the Johns site on Prairie Creek, bone temper use was also considerable (34.3%), and 11.2% of the vessels in this mortuary assemblage have hematite temper (Perttula et al. 2010:Table 8).

**Table 9. Differences in the use of bone and hematite temper in selected Titus phase vessel assemblages.**

| Site | % Bone temper | % Hematite temper |
|---|---|---|
| Lone Star Lake | 7.9 | 10.5 |
| B. J. Horton | 10.0 | 16.7 |
| Tuck Carpenter | 13.0 | 7.0 |
| Harold Williams | 14.3 | 4.8 |
| Cecil Guest | 26.3 | 52.6 |
| Rumsey | 29.2 | 18.8 |
| Keeling | 32.4 | 14.7 |
| Keith | 77.8 | 0.0 |

The vessels from the Graydon Adkins, Site 2, also on Greasy Creek, are tempered with grog (100%). Bone temper was a frequent constituent (45.4%), but hematite (9.1%) was only rarely added as a temper to the paste of this Middle Caddo period mortuary assemblage.

The Allen phase vessels in all three ceramic wares are also predominantly tempered with grog (Table 10). However, both bone temper (63% of the vessels, especially the utility wares) and hematite temper (47% of the vessels, especially the plain wares) are common aplastics. Not too surprisingly, therefore, both Allen phase sites discussed in this report occur within the area (middle Sabine and Angelina-Attoyac stream basins) of a recently defined Late Caddo bone-tempered brushed ceramic tradition in East Texas (Perttula 2009:Figure 6-70).

**Table 10. Temper and paste characteristics, Allen phase vessels.**

| Temper/paste | Fine ware | Utility ware | Plain ware |
|---|---|---|---|
| grog | 3 | - | - |
| grog-bone | 1 | 3 | - |
| grog-bone/sandy paste | - | 1 | - |
| grog-hematite | 1 | - | 3 |
| grog-bone-hematite | 2 | - | 2 |
| bone | 1 | 1 | - |
| bone-hematite | 1 | - | - |
| Summary by ware | | | |
| % grog | 77.8 | 80.0 | 100.0 |
| % bone | 55.6 | 100.0 | 40.0 |
| % hematite | 44.4 | - | 100.0 |
| % sandy paste | - | 20.0 | - |
| Totals | 9 | 5 | 5 |

**Firing Conditions**

Regardless of the vessel ware, the ceramic vessels placed in the burials at the different Titus phase mortuary assemblages were fired almost exclusively in a reducing or low oxygen environment, probably smothered in the coals (Table 11). By ware, the percentage of vessels fired in a reducing environment ranges from 85.2-95.8%, with the highest proportions among the fine wares and utility wares; the same firing conditions have been documented in the mortuary vessels from the Johns site (Perttula et al. 2010:Table 9).

**Table 11. Firing conditions, Titus phase vessels.**

| Firing conditions | Fine ware | Utility ware | Plain ware |
|---|---|---|---|
| A (oxidizing) | 10 | 5 | 4 |
| B (reducing) | 83 | 26 | 11 |
| C | 1 | - | - |

**Table 11. Firing conditions, Titus phase vessels, cont.**

| Firing conditions | Fine ware | Utility ware | Plain ware |
|---|---|---|---|
| D (incompletely | - | - | - |
| E oxidized) | - | - | - |
| F | 98 | 23 | 8 |
| G (fired in a reducing | 61 | 46 | 4 |
| H environment and cooled in the open air) | 11 | 6 | - |
| Summary | | | |
| % oxidizing | 3.8 | 4.7 | **14.8** |
| % incompletely oxidized | 0.4 | - | - |
| % reducing | 31.4 | 24.5 | **40.8** |
| % fired in a reducing environment, cooled in an oxidizing environment | **64.4** | **70.8** | 44.4 |
| Totals | 264 | 106 | 27 |

*percentage; bolded and underlined classes represent significant representation by vessel ware

As is the case with other Titus phase ceramic assemblages in the Big Cypress Creek basin (see Perttula 2005; Perttula et al. 1998, 2008, 2010), the majority (44.4-70.8%) of the vessels (especially the utility wares and fine wares) were actually fired in a reducing environment, but then cooled in a high oxygen environment (see Table 11). This led to the oxidation of a thin band at the vessel surface of either one (32.2%, firing conditions G and H) or both (32.5%, firing condition F) surfaces (see Table 11), leaving a dark gray to black core and a lighter brown to yellowish-brown vessel surface. The carinated bowls and bowls tended to be fired and cooled such that both vessel surfaces were oxidized, while utility wares must have been fired differently, since it is more common to see utility ware vessels with a thin oxidized band at the outer vessel surface (firing condition G, see Table 11); perhaps these vessels were fired with the orifice facing down into the coals (the same firing/cooling tendencies among the different wares are documented in the Johns site vessels, Perttula et al. 2010:Table 9).

All of the vessels from Graydon Adkins, Site 2 are fired in a reducing environment. Almost 73% of these vessels have then been cooled in a high oxygen environment, leading to the oxidation of a thin band at the vessel surface of either one (18.2%) or both (54.5%) surfaces, leaving a dark gray to black core and a lighter brown to yellowish-brown vessel surface.

Although the sample size of Allen phase vessels is small, the examination of firing conditions suggest that in a general way, the vessels were fired in the same manner as the Titus phase vessel assemblages. This is to say, a significant proportion of the Allen phase vessels (73.7%) have been fired in a reducing environment, and most of these vessels (68.4%) have also been subsequently cooled in a high oxygen environment (Table 12). Nevertheless, the overall frequency of vessels fired in a high oxygen environment is much more substantial in the Allen phase vessel assemblages (26.3%) than is the case among these Titus phase vessel assemblages (4.8%), or in the Titus phase vessels at the Johns site (4.2%).

**Table 12. Firing conditions, Allen phase vessels.**

| Firing conditions | Fine ware | Utility ware | Plain ware |
|---|---|---|---|
| A (oxidizing) | 1 | 1 | 3 |
| B (reducing) | - | 1 | - |
| C | - | - | - |
| D (incompletely | - | - | - |
| E oxidized) | - | - | - |
| F | 6 | 1 | 2 |
| G (fired in a reducing | - | 1 | - |
| H environment and cooled in the open air) | 2 | 1 | - |
| Summary | | | |
| % oxidizing | 11.1 | 20.0 | **60.0** |
| % incompletely oxidized | - | - | - |
| % reducing | - | 20.0 | - |
| % fired in a reducing environment, cooled in an oxidizing environment | **88.9** | 60.0 | 40.0 |
| Totals | 9 | 5 | 5 |

*percentage; bolded and underlined classes represent significant representation by vessel ware

## Decorative Methods

### *Fine Wares*

The fine ware vessels from the Titus phase sites in the Big Cypress Creek basin are decorated almost exclusively with engraved designs on the rim and/or body. Trailed (0.4%) and red-slipped (1.2%) fine wares are also present. Less than 7% of the engraved fine wares are either red-slipped, punctated under the lip, or have appliqued elements on the vessel rim or body (Table 13). The low occurrence of red-slipped engraved vessels, as well as vessels decorated simply with red-slipping, suggest that the Titus phase ceramic vessel assemblages are part of an eastern Titus phase ceramic tradition (Perttula 2005:404). The eastern Titus phase ceramic tradition includes "sites from the Prairie and Greasy Creek areas and Big Cypress Creek downstream to the Lake O' the Pines area" (Perttula 2005:404), as well as the Dry Creek area (see Figure 6). At the Johns site in the Greasy Creek area, only 2.1% of the fine ware vessels have a red slip (Perttula et al. 2010:Table 11). The Allen phase fine ware vessels are uniformly engraved (Table 13).

**Table 13. Decorative methods represented in the fine ware and utility ware vessels in the Titus phase and Allen phase vessel samples.**

| Decorative Method | Titus phase sites | | Allen phase sites | |
|---|---|---|---|---|
| | FW | UW | FW | UW |
| Engraved | 91.7 | - | 100.0 | - |
| Engraved-red-slipped | 4.9 | - | - | - |
| Engraved-punctated | 1.1 | - | - | - |
| Engraved-appliqued | 0.8 | - | - | - |
| Trailed | 0.4 | - | - | - |
| Red-slipped | 0.8 | - | - | - |
| Red-slipped-appliqued | 0.4 | - | - | - |
| Appliqued | - | 6.6 | - | 20.0 |
| Appliqued-incised | - | 0.9 | - | - |
| Appliqued-punctated | - | 8.5 | - | - |
| Brushed-punctated | - | 6.6 | - | 20.0 |
| Brushed | - | 10.4 | - | - |
| Brushed-appliqued | - | 8.5 | - | 40.0 |
| Brushed-punctated-appliqued | - | 2.8 | - | - |
| Brushed-incised | - | 3.8 | - | - |

**Table 13. Decorative methods represented in the fine ware and utility ware vessels in the Titus phase and Allen phase vessel samples, cont.**

| Decorative Method | Titus phase sites | | Allen phase sites | |
|---|---|---|---|---|
| | FW | UW | FW | UW |
| Incised | - | 6.6 | - | - |
| Incised-punctated | - | 17.0 | - | - |
| Incised-punctated-appliqued | - | 5.7 | - | - |
| Incised-punctated-brushed | - | 3.8 | - | - |
| Incised-punctated-brushed-appliqued | - | 0.9 | - | - |
| Punctated | - | 9.4 | - | 20.0 |
| Pinched | - | 0.9 | - | - |
| Neck Banded | - | 2.8 | - | - |
| Neck Banded-appliqued | - | 1.9 | - | - |
| Neck Banded-appliqued-brushed | - | 0.9 | - | - |
| Neck Banded-punctated-appliqued | - | 0.9 | - | - |
| Roughened | - | 0.9 | - | - |
| Total with Brushing | - | 37.8 | - | 60.0** |
| Total with Neck Banding | - | 6.6 | - | - |
| Total with Appliqued | 1.1 | 37.8 | - | 60.0 |
| Total with Punctation | 1.1 | 55.7 | - | 20.0 |
| Total with Incision | - | 38.7 | - | 20.0 |
| Total with Pinched | - | 0.9 | - | - |
| Totals | 265 | 106 | 9 | 5 |

FW=fine ware; UW=utility ware
**column does not total to 100% because of multiple kinds of decorative methods on vessels

Utility wares at the Titus phase sites include 20 different combinations of decorative methods, including brushing, punctation, appliqué, incision, neck banding, and pinching (see Table 13). Rarely does a utility ware vessel only have one form of decoration, either on the rim and/or on the vessel body (see below for a more detailed consideration of the decoration of utility ware vessels). Vessels with punctations (either as the sole decorative method or in combination with other decorations) are predominant in the utility wares (55.7%), along with vessels having brushed, appliqued, or incised decorations (see Table 13). The relative frequency of brushed ceramic vessels at the

various cemeteries (37.8%) is another indication that the vessels placed in the burials are the product of an eastern Titus phase ceramic tradition that is more commonly dominated by utility wares with brushed rims and/or vessel bodies (Perttula 2005:405).

Neck banded vessels comprise 6.6% of the Titus phase utility wares, and 0.9% have a pinched decoration (see Table 13). At the Johns site, 11.0% of the utility ware vessels are neck banded, and 2.8% have pinched decorations (Perttula et al. 2010:Table 11).

Allen phase utility ware vessels from the Deshazo and Stephens Farm sites are principally brushed and/or appliqued (see Table 13). There is one jar decorated solely with punctations across the rim and vessel body.

At Graydon Adkins, Site 2, the fine ware vessels (n=3) are engraved. The utility wares (n=2) include either punctated and incised vessels. Middle Caddo vessels at the Rumsey site are red-slipped (n=1, Vessel 56), incised (n=2, including Dunkin Incised, Vessel 30; see also Vessel 50), incised-punctated (n=2, Vessels 36 and 46), and punctated-appliqued (n=1, Vessel 42), while only engraved vessels (n=4) at the Harold Williams site (three from Area A, see Turner and Smith 2003, and from a general collection) can be confidently identified as having Middle Caddo decorative styles.

The different identified and currently recognized fine ware and utility ware ceramic types in the vessel assemblages from the various documented sites in the Big Cypress Creek and Neches-Angelina River basins are provided in Table 14.

**Table 14. Identified ceramic types and varieties in the vessel assemblages.**

| Type and variety | Big Cypress | Neches-Angelina |
|---|---|---|
| Ripley Engraved, carinated bowl | x | |
| Ripley Engraved, compound bowl | x | |
| Ripley Engraved, bowl | x | |
| Ripley Engraved, bottle | x | |
| Turner Engraved+ | x | |
| Wilder Engraved, bottle | x | |
| Wilder Engraved, jar | x | |
| Wilder Engraved, olla | x | |
| Wilder Engraved, bowl | x | |
| Hodges Engraved | x | |
| Johns Engraved | x | |
| Bailey Engraved | x | |
| Hood Engraved | x | |
| Simms Engraved | x | |
| Belcher Engraved | x | |
| Spoonbill Engraved* | x | |

**Table 14. Identified ceramic types and varieties in the vessel assemblages, cont.**

| Type and variety | Big Cypress | Neches-Angelina |
|---|---|---|
| Nacogdoches Engraved* | x | |
| Washington Square Paneled* | x | |
| Taylor Engraved | x | |
| Poynor Engraved** | x | |
| Natchitoches Engraved | | x |
| Patton Engraved | | x |
| cf. Hume Engraved | | x |
| Keno Trailed | x | |
| Killough Pinched | x | x |
| Winfield/Bullard Brushed | x | |
| La Rue Neck Banded | x | |
| Harleton Appliqued | x | |
| Cass Appliqued | x | |
| Pease Brushed-Incised | x | |
| Mockingbird Punctated | x | |
| Karnack Brushed-Incised | x | |
| Maydelle Incised | x | |
| Moore Noded | x | |
| McKinney Plain | x | |

x=present
*Middle Caddo ceramic types; **, likely an import from the Neches River basin in East Texas; +, includes a chalice

Most of the vessels in this report are from Late Caddo period Titus phase burial features at a number of sites in the Big Cypress Creek basin. The fine wares from these Titus phase contexts are dominated by a number of varieties of Ripley Engraved carinated bowls, compound bowls, bowls, and bottles—and there are several varieties that are predominant (see below) in the assemblage as a whole. Other resident engraved types include two varieties of Turner Engraved, a new type, Wilder Engraved, and Johns Engraved. Three other engraved fine ware types—Bailey Engraved, Belcher Engraved, Hodges Engraved, Simms Engraved, and Taylor Engraved—may be trade wares from Belcher phase Caddo groups that lived to the east along the Red River below the Great Bend, and Keno Trailed vessels may also have been manufactured in this area beginning in the late 17$^{th}$ century (see Schambach and Miller 1984). The Poynor Engraved vessel in the Big Cypress mortuary vessel assemblages is likely a Late Caddo Frankston phase trade ware from the upper Neches River basin in East Texas. Hood Engraved was defined by Perttula (2009) from Frankston phase vessel assemblages in the upper Neches River basin in East Texas; it is not clear, absent chemical and/or petrographic studies of the vessel paste, if the Hood Engraved effigy vessel is a local and resident engraved fine ware type among Big Cypress Creek Titus phase ceramic assemblages.

In addition to Ripley Engraved, *var. Ripley* bottles, all currently defined varieties of Ripley Engraved are represented at the Titus phase sites in the present documented collections (Table 15). In assemblages with more than a sample of nine vessels that have been identified to variety status, the most common Ripley Engraved varieties are *var. Carpenter*, *var. McKinney*, *var. Galt*, and *var. Gandy*.

**Table 15. Ripley Engraved varieties (see Figure 2) in the Titus phase carinated bowl, compound bowl, and bowl vessel assemblages.**

| Variety or motif | K* | G | W | H | K | LSL | R | TC | Total % |
|---|---|---|---|---|---|---|---|---|---|
| *McKinney* | 75.0** | - | - | - | 44.4 | 30.0 | 30.0 | 11.6 | 26.9 |
| *Gandy* | - | - | 25.0 | - | 11.1 | 20.0 | 10.0 | 12.8 | 11.8 |
| *Galt* | 25.0 | 50.0 | 25.0 | 22.2 | 11.1 | 30.0 | 10.0 | 19.8 | 20.6 |
| *Caldwell* | - | - | - | 11.1 | - | - | - | 3.5 | 2.9 |
| *Cash* | - | - | 25.0 | 22.2 | 11.1 | - | - | 3.5 | 5.1 |
| *Carpenter* | - | 25.0+ | 25.0 | 22.2 | 11.1 | - | 20.0 | 34.9 | 27.2 |
| *Pilgrims* | - | - | - | - | - | - | 20.0 | 1.2 | 2.2 |
| *Williams* | - | - | - | - | - | 10.0 | - | 4.7 | 3.7 |
| *Reed* | - | 25.0 | - | 22.2 | - | - | - | 2.3 | 3.7 |
| *Horizontal diamond* | - | - | - | - | - | - | - | 1.2 | 0.7 |
| *McKinney/ Gandy combo* | - | - | - | - | 11.1 | 10.0 | 10.0 | 4.7 | 5.1 |
| Totals | 4 | 4 | 4 | 9 | 9 | 10 | 10 | 86 | 136 |

*K=Keith site; G=Guest site; W=Harold Williams site; H=B. J. Horton; K=Keeling site; LSL=Lone Star Lake site; R=Rumsey site; TC=Tuck Carpenter site
**=percentage; +=incised decoration

At the Keeling, Lone Star Lake, and Rumsey sites (as well as the Keith site), Ripley Engraved, *var. McKinney* is the predominant variety (see Table 15). At the Tuck Carpenter site, the dominant variety is Ripley Engraved, *var. Carpenter*. No one Ripley Engraved variety is dominant at the Johns site, in the Prairie Creek drainage, but var. Galt, var. Gandy, var. Carpenter, and var. Cash are the most common varieties (Perttula et al. 2010:Table 12). It seems to be the case that each site in the Titus phase mortuary vessel assemblages has its own distinctive relative proportion of Ripley Engraved varieties. These differences in the popularity of stylistic motifs may represent distinct stylistic preferences among Caddo potters widely distributed across the Big Cypress Creek basin; the existence of different communities of contemporaneous Caddo peoples, with each community using a distinct suite of vessel motifs; differences in belief systems

and iconography (Gadus 2009); and changes over time in the popularity of particular rim motifs (or varieties of Ripley Engraved) (see discussion in Turner 1978; Thurmond 1990; Perttula 1992). If changes over time in the use of specific stylistic motifs is not a principal factor accounting for these differences, it does not help that currently only the Tuck Carpenter, Harold Williams, and Alex Justiss sites have radiocarbon dates from Titus phase features. These dates (n=5) range widely from cal AD 1430-1640 (Perttula 2005:Table 11-2).

Interior engraved vessels are also present in the Titus phase vessel assemblages. For example, at the Tuck Carpenter site, 10.3% of the engraved fine wares have an interior engraved line encircling the carination point. All of these vessels are Ripley Engraved carinated bowls, including *var. McKinney* (n=2), *var. Gandy* (n=3), *var. Galt* (n=3), *var. Cash* (n=1), *var. Carpenter* (n=4), and *var. Reed* (n=2). At the Johns site, 8% of the fine wares—six different varieties of Ripley Engraved, particularly *var. McKinney*, *var. Galt*, and *var. Williams*—have an interior engraved line (Perttula et al. 2010:261).

The engraved vessels from the Middle Caddo Graydon Adkins, Site 2 include one with cross-hatched geometric lines, another with an engraved panel, and a third vessel with vertical and cross-hatched engraved lines. None of these vessels can be currently identified to a defined Caddo area fine ware type. At the Harold Williams site. Middle Caddo period engraved fine wares include single examples of Nacogdoches Engraved (a bottle with an engraved rattlesnake motif), Spoonbill Engraved (a red-slipped carinated bowl with interior engraved pendant triangles on an interior thickened rim), and a Washington Square Paneled carinated bowl; there is also a carinated bowl with an engraved rectilinear design.

The Allen phase engraved fine wares from the Deshazo and Stephen Farm sites include Patton Engraved, Natchitoches Engraved, and cf. Hume Engraved (see Table 14). Patton Engraved is the principal engraved fine ware in Allen phase ceramic assemblages (Fields 1995).

### *Utility Wares*

The principal utility ware types in the Titus phase vessel assemblages include Bullard Brushed or Winfield Brushed (see Krieger 2009; Perttula et al. 2010), La Rue Neck Banded, and Harleton Appliqued, with moderate amounts of Pease Brushed-Incised, Mockingbird Punctated, McKinney Plain, and Maydelle Incised (see Table 14). We suspect that these six types are resident utility wares for the Titus phase Caddo communities living in the Big Cypress Creek basin. Karnack Brushed-Incised and Moore Noded vessels may be trade wares from Belcher phase Caddo groups that lived to the east along the Red River below the Great Bend (Webb 1959; Girard 2007). Killough Pinched (see Table 14) is a utility ware usually associated with Frankston and Allen phase Caddo communities in the Neches-Angelina River basins in East Texas.

Much of the decorated utility wares found in Titus phase mortuary vessel assemblages has been typologically identified over the years as "Miscellaneous Fulton Aspect [Late Caddo] Utility Pottery" (Suhm and Jelks 1962:Plates 79 and 80; see also Thurmond 1990), which has hindered the full appreciation of the stylistic, temporal, and stylistic diversity that exists among these decorated utility wares; it has also hampered any consistent typological identifications or definitions. The diversity apparent in the decorated utility wares has a considerable potential to shed light on the existence and spatial distribution of communities of Caddo potters sharing or not sharing utility ware decorative practices and traditions from both short-term and long-term temporal scales.

In order to more systematically categorize the decorated utility wares in the collections, specifically the utility ware jars from Titus phase cemetery contexts, we devised a rim and body coding system to sort the unique rim and body decorative elements and motifs found on these vessels. This was done with the idea of better characterizing the relative proportions (and locations of different decorative elements and motifs on the vessels themselves) of the different decorative elements and motifs in the present utility ware vessel assemblages. Rim codes on the utility ware jars begin with 01, for plain rims, and at present there are 40 different identified rim codes (Table 16). Body codes also begin with 01, for utility ware vessels with plain bodies, and extend to 34. To categorize the decoration of utility ware vessels, it is necessary to list both rim and body codes, with the rim code listed first in the sequence; for example 02/01 is a jar with a row of tool punctates beneath the lip only (02) and a plain body (01).

**Table 16. Titus phase utility wares (jars), decorative elements and motifs, rim and body codes, sites in Camp, Upshur, and Titus counties.**

| Rim Code | |
|---|---|
| 01 | Plain |
| 02 | row of tool punctates beneath the lip only |
| 04 | 2 rows of tool punctates |
| 07 | 3 rows of tool punctates |
| 08 | 1 row of tool punctates midway on rim |
| 10 | tool punctated row at rim-body juncture |
| 15 | 5 rows of tool punctations |
| 16 | 4 rows of tool punctations |
| 19 | random tool punctates |
| 20 | 9 rows of small tool punctations |
| 22 | 3-6 rows of linear punctations |
| 30 | vertical tool punctated columns |
| 36 | diagonal linear tool punctates |
| 03 | roughened |
| 05 | horizontal brushed |

**Table 16. Titus phase utility wares (jars), decorative elements and motifs, rim and body codes, sites in Camp, Upshur, and Titus counties, cont.**

## Rim Code

29 vertical brushed

12 horizontal brushed-incised

09 vertical incised lines
14 opposed hachured incised lines
26 horizontal incised lines
28 horizontal incised line at rim-body juncture
31 opposed diagonal incised lines
32 closely-spaced horizontal incised lines
33 closely-spaced diagonal incised lines
34 closely-spaced vertical incised lines
35 broad horizontal incised line at rim-body juncture
37 incised triangles filled with diagonal incised lines
38 incised triangles filled with cross-hatched incised lines
39 diagonal incised panels

06 opposed hachured incised lines and tool punctated rows at lip and rim-body juncture
17 incised scroll and tool punctated scroll fill zone
21 incised triangles filled with tool punctations
24 broad horizontal incised lines with tool punctates between them
25 diagonal incised panels filled with tool punctates

11 appliqued nodes
18 vertical appliqued ridges
23 vertical appliqued fillet
27 horizontal appliqued fillet at rim-body juncture
40 vertical column of appliqued nodes

13 rows of neck banding

## Body Code

01 Plain

02 vertical brushed-incised

03 vertical brushed
20 overlapping brushed
27 horizontal brushed

**Table 16. Titus phase utility wares (jars), decorative elements and motifs, rim and body codes, sites in Camp, Upshur, and Titus counties, cont.**

| Body Code | |
|---|---|
| 31 | opposed brushing |
| 32 | diagonal brushing between appliqued ridges |
| 28 | horizontal combing |
| 04 | appliqued ridge chevrons and appliqued diamond ridge |
| 06 | vertical appliqued fillets and appliqued chevron fillets |
| 09 | vertical appliqued fillets |
| 10 | vertical appliqued ridges |
| 12 | appliqued fillet chevron |
| 15 | appliqued nodes |
| 17 | appliqued fillet diamond |
| 18 | appliqued fillet semi-circle |
| 19 | appliqued fillet triangle |
| 22 | panels of vertical appliqued ridges |
| 23 | appliqued fillet circles |
| 24 | appliqued nodes with tool punctates on the node |
| 26 | appliqued ridge chevron |
| 29 | vertical-curvilinear appliqued fillet |
| 33 | vertical column of appliqued nodes |
| 16 | appliqued ridge scrolls and circles, nodes, and brushed fill |
| 05 | vertical incised lines |
| 07 | incised diamond motif |
| 13 | diagonal incised lines |
| 21 | opposed/hachured incised panels |
| 30 | cross-hatched incised lines |
| 34 | incised chevron |
| 08 | random tool punctates |
| 11 | horizontal tool punctated rows |
| 14 | horizontal linear punctated rows |
| 25 | vertical tool punctated row |

The utility ware jars from the mortuary vessel assemblages excavated from the Titus phase sites discussed in this report are classified using the rim/body codes listed in Table 16. Table 17 includes the rim/body codes for the sample of 109 jars, the sites where the different rim/body coded vessels are from, as well as current ceramic type assignments based primarily on Suhm and Jelks (1962).

**Table 17. Titus phase vessel sample, 109 jars.***

| Rim/Body Code | No. | Sites | Current Type Assignment |
|---|---|---|---|
| **Vessels with Decorated Rims and Plain Bodies (30.3%)** | | | |
| Roughened (0.9%) | | | |
| 03/01 | 1 | Tuck Carpenter | McKinney |
| Punctated (9.2%) | | | |
| 04/01 | 2 | Williams; Horton | Mockingbird |
| 07/01 | 1 | Williams | Mockingbird |
| 16/01 | 2 | Rumsey; 41CS132 | Mockingbird |
| 16-30/01 | 1 | Tuck Carpenter | |
| 19/01 | 2 | Rumsey; Horton | |
| 20/01 | 1 | Lineburger | |
| 22/01 | 1 | Williams | |
| Punctated-Incised (7.3%) | | | |
| 04-09/01 | 1 | Tuck Carpenter | |
| 04-33/01 | 1 | Tuck Carpenter | |
| 07-26/01 | 1 | Tuck Carpenter | |
| 17/01 | 1 | Guest | Ripley I. |
| 21-28/01 | 1 | Tuck Carpenter | Maydelle |
| 24/01 | 1 | Rumsey | |
| 25/01 | 1 | Rumsey | |
| 36-28/01 | 1 | Tuck Carpenter | |
| Punctated-appliqued (1.8%) | | | |
| 07-11/01 | 1 | Tuck Carpenter | Mockingbird |
| 07-23/01 | 1 | Tuck Carpenter | Mockingbird |
| Brushed (2.8%) | | | |
| 05/01 | 3 | Tuck Carpenter; Williams; Guest | Bullard/Winfield |
| Incised (4.6%) | | | |
| 09/01 | 1 | Rumsey | |
| 09-35/01 | 1 | Tuck Carpenter | |
| 14/01 | 1 | Rumsey | Maydelle |
| 28/01 | 1 | Rumsey | |
| 33/01 | 1 | Tuck Carpenter | Maydelle |
| Appliqued (0.9%) | | | |
| 11/01 | 1 | Adkins #1 | |

**Table 17. Titus phase vessel sample, 109 jars, cont.***

| Rim/Body Code | No. | Sites | Current Type Assignment |
|---|---|---|---|
| Neck Banded (1.8%) | | | |
| 13/01 | 2 | Tuck Carpenter | LaRue |
| Neck Banded-appliqued (0.9%) | | | |
| 13-40/01 | 1 | Tuck Carpenter | LaRue |
| **Vessels with Plain Rims and Decorated Bodies (2.8%)** | | | |
| Appliqued (1.8%) | | | |
| 01/10-26 | 2 | Tuck Carpenter | Harleton |
| Incised (0.9%) | | | |
| 01/13 | 1 | Horton | |
| **Vessels with Decorated Rims and Bodies (64.2%)** | | | |
| **Punctated rims, various body decorations (22.0%)** | | | |
| Punctated rim/brushed-incised body (0.9%) | | | |
| 02/02 | 1 | 41MX65 | Karnack |
| Punctated rim/brushed body (3.7%) | | | |
| 07/03 | 3 | Tuck Carpenter; Horton | Bullard |
| 19/03 | 1 | Tuck Carpenter | |
| Punctated rim/appliqued-incised body (2.8%) | | | |
| 04/09-05 | 1 | Williams | Pease |
| 07/29-05-30-13 | 1 | Tuck Carpenter | |
| 15/09-05 | 1 | Guest | |
| Punctated rim/appliqued body (8.3%) | | | |
| 04/06 | 1 | 41MX65 | Harleton |
| 07/09 | 1 | Tuck Carpenter | Mockingbird |
| 07/10 | 1 | Tuck Carpenter | Cass |
| 07/10-26 | 1 | 41MX65 | Harleton |
| 07/17 | 1 | Tuck Carpenter | Harleton |
| 19/12 | 1 | Tuck Carpenter | Harleton |
| 19/22 | 1 | Rumsey | Cass |
| 19/26 | 1 | Keeling | Harleton |
| 22/10 | 1 | Tuck Carpenter | Cass |

**Table 17. Titus phase vessel sample, 109 jars, cont.***

| Rim/Body Code | No. | Sites | Current Type Assignment |
|---|---|---|---|
| Punctated rim/incised body (5.5%) | | | |
| 07/05 | 4 | Tuck Carpenter | |
| 08/07-34 | 1 | 41MX65 | |
| 16/05 | 1 | Guest | |
| Punctated rim/punctated body (0.9%) | | | |
| 07/25 | 1 | Rumsey | |
| **Punctated-appliqued rim, various body decorations (2.8%)** | | | |
| Punctated-appliqued rim/incised body (0.9%) | | | |
| 07-40/13 | 1 | Tuck Carpenter | |
| Punctated-appliqued rim/brushed body (0.9%) | | | |
| 19-23/03-20 | 1 | Rumsey | |
| Punctated-appliqued rim/appliqued-incised body (0.9%) | | | |
| 19-27/23-24-13 | 1 | Rumsey | Harleton |
| **Punctated-incised rim/brushed body (0.9%)** | | | |
| Punctated-incised rim/brushed body (0.9%) | | | |
| 15-28/03 | 1 | Tuck Carpenter | |
| **Incised-punctated rim, various body decorations (3.7%)** | | | |
| Incised-punctated rim/incised body (0.9%) | | | |
| 06/05 | 1 | 41MX65 | Maydelle |
| Incised-punctated rim/punctated body (1.8%) | | | |
| 09-10/11-08 | 1 | 41MX65 | |
| 14-10/25 | 1 | Rumsey | Maydelle |
| Incised-punctated rim/brushed body (0.9%) | | | |
| 21-07/03 | 1 | Keeling | Maydelle |
| **Incised rim, various body decorations (5.5%)** | | | |
| Incised rim/brushed body (1.8%) | | | |
| 14/03 | 1 | Guest | Maydelle |
| 31/03 | 1 | Tuck Carpenter | |
| Incised rim/appliqued body (0.9%) | | | |
| 14/09-17-15 | 1 | Keeling | Harleton |

**Table 17. Titus phase vessel sample, 109 jars, cont.***

| Rim/Body Code | No. | Sites | Current Type Assignment |
|---|---|---|---|
| Incised rim/incised body (2.8%) | | | |
| 14/21 | 1 | Rumsey | late Dunkin |
| 39/05 | 1 | Tuck Carpenter | Maydelle |
| 37-38/34 | 1 | Tuck Carpenter | |
| **Roughened rim, various body decorations (1.8%)** | | | |
| Roughened rim/appliqued body (0.9%) | | | |
| 03/12-15 | 1 | Williams | Harleton |
| Roughened rim/brushed body (0.9%) | | | |
| 03/03 | 1 | 41MX65 | Bullard? |
| **Brushed rims, various body decorations (11.9%)** | | | |
| Brushed rim/brushed body (4.6%) | | | |
| 05/03 | 3 | Tuck Carpenter; Rumsey; 41MX65 | Bullard or Karnack |
| 05/20 | 1 | Tuck Carpenter | Bullard |
| 29/27-31 | 1 | Tuck Carpenter | Bullard |
| Brushed rim/brushed-combed body (0.9%) | | | |
| 29/27-28 | 1 | Tuck Carpenter | |
| Brushed rim/incised body (0.9%) | | | |
| 05/05 | 1 | Horton | Karnack |
| Brushed rim/appliqued body (4.6%) | | | |
| 05/10 | 1 | Tuck Carpenter | Cass |
| 05/10-33 | 1 | Tuck Carpenter | |
| 05/10-26 | 1 | Tuck Carpenter | Harleton |
| 05/12 | 1 | Keeling | Harleton |
| 05/23-15 | 1 | Tuck Carpenter | Harleton |
| Brushed rim/punctated body (0.9%) | | | |
| 05/25 | 1 | Tuck Carpenter | cf. Pease |
| **Brushed-punctated rims, various body decorations (3.7%)** | | | |
| Brushed-punctated rim/brushed body (0.9%) | | | |
| 29-10/03 | 1 | Tuck Carpenter | Bullard |

**Table 17. Titus phase vessel sample, 109 jars, cont.***

| Rim/Body Code | No. | Sites | Current Type Assignment |
|---|---|---|---|
| Brushed-punctated rim/brushed-punctated body (0.9%) | | | |
| 29-07-30/03-25 | 1 | Rumsey | |
| Brushed-punctated rim/incised body (0.9%) | | | |
| 05-04/05 | 1 | Tuck Carpenter | |
| Brushed-punctated rim/appliqued-brushed body (0.9%) | | | |
| 05-10/26-32 | 1 | Tuck Carpenter | Harleton |
| **Brushed-appliqued rim/appliqued body (2.8%)** | | | |
| Brushed-appliqued rim/appliqued body (2.8%) | | | |
| 05-40/10 | 1 | Williams | |
| 05-40/18-19 | 1 | Keeling | Harleton |
| 05/29 | 1 | Rumsey | Karnack |
| **Brushed-incised rim/brushed-appliqued body (0.9%)** | | | |
| Brushed-incised rim/brushed-appliqued body (0.9%) | | | |
| 12-10/03-09 | 1 | 41MX65 | Karnack? |
| **Appliqued rim and body (2.8%)** | | | |
| Appliqued rim/appliqued body (2.8%) | | | |
| 11/26-10 | 1 | 41MX65 | Harleton |
| 18/10 | 2 | Tuck Carpenter; Keeling | |
| **Appliqued-punctated rim/appliqued-brushed body (0.9%)** | | | |
| Appliqued-punctated rim/appliqued-brushed body (0.9%) | | | |
| 18-04/16 | 1 | Keeling | Harleton |
| **Neck Banded, with various body decorations (4.6%)** | | | |
| Neck banded rim/appliqued-brushed body (0.9%) | | | |
| 13/10-03 | 1 | Rumsey | LaRue |
| Neck banded rim/appliqued-punctated body (1.8%) | | | |
| 13/10-14 | 1 | Horton | LaRue |
| 13/15-22 | 1 | 41MX65 | LaRue |
| Neck banded-appliqued rim/appliqued body (0.9%) | | | |
| 13-18/10-26 | 1 | Guest | LaRue |

**Table 17. Titus phase vessel sample, 109 jars, cont.***

| Rim/Body Code | No. | Sites | Current Type Assignment |
|---|---|---|---|
| Neck banded-appliqued rim/brushed-incised body (0.9%) | | | |
| 13-40/02 | 1 | Tuck Carpenter | LaRue |
| **Rim Missing (2.8%)** | | | |
| ?/02 | 1 | Keeling | Karnack |
| ?/03-09 | 1 | Horton | Pease |
| ?/03-10 | 1 | Tuck Carpenter | cf. Pease |

* There were also seven bowls and/or carinated bowls with utility ware designs

It is immediately apparent from an inspection of Table 17 that many of the rim/body code combinations identified in the Titus phase jars are not currently typologically identifiable, although they have distinctive and separable rim/body codes. The stylistic diversity in the Titus phase jars is apparent from the fact that the 109 vessels are represented by 91 different rim/body codes. Of these rim/body code combinations, only 10 (comprising only 23% of the vessel sample) are represented by more than two vessels in the jar assemblage: 07/05 (rows of tool punctations/vertical incised, n=4 vessels); 05/03 (horizontal brushed/vertical brushed, n=3); 07/03 (rows of tool punctations/vertical brushed, n=3); 05/01 (horizontal brushed/plain body, n=3); 18/10 (vertical appliqued/vertical appliqued ridges, n=2); 01/10-26 (plain rim/vertical appliqued ridges and appliqued ridge chevrons, n=2); 13/01 (neck banded/plain body, n=2); 19/01 (random tool punctations/plain body, n=2); 16/01 (four rows of tool punctations/plain body, n=2); and 04/01 (two rows of tool punctations/plain body, n=2).

Were one so inclined, whether they be a typological "lumper" or a "splitter," use of the rim/body codes could be used—in conjunction with available information on the temporal context and spatial distribution of the different rim/body code classes—to redefine the typological character of Titus phase utility ware jars. Such an attempt is beyond the scope of the current vessel documentation project. Nevertheless, this is certainly feasible (and well worth exploring) given the large numbers of Titus phase vessels that have been documented in detail in recent years (cf. Gadus and Fields 1996; Cast et al. 2006; Perttula 2005, 2006; Perttula et al. 1998, 2007, 2008, 2009, 2010; Perttula, Walters, and Nelson 2009; Perttula and Sherman 2009; Rogers et al. 2003), as Caddo ceramic typological refinements (as an example, see the descriptive classification proposed Schambach et al. [n.d.] for southern Arkansas Caddo vessels) would be useful in multiple ways to better understand the Titus phase archeological record and the Caddo peoples that lived in Northeast Texas.

The Titus phase jars tend to be decorated on both the rim and the vessel body, as 64.2% of the vessels in our sample have rim and body decorations (see Table 17). A

smaller set of jars are decorated only on the rim (30.3%), and only 2.8% are decorated only on the vessel body, either with appliqued elements or incised lines.

Of those vessels decorated on both the rim and the body, the rim decoration is frequently done with a different decorative method than the body decoration, as in a punctated rim and a vessel body with incised lines. The rim and body decorated jars from the Titus phase sites include 13 different kinds of similar rim codes (i.e., punctated, incised, punctated-incised, etc.), with many different body codes (see Table 17). The most important rim/body code classes in the rim-body decorated jars are those with punctated rims (22%), brushed rims (11.9%), incised rims (5.5%), and neck banded rims (4.6%), and a plethora of body decorations, including incised lines, appliqued elements, and brushing.

Few specific rim/body code classes are proportionally abundant in the Titus phase jars, and even with the lumping into groups of rim-body code classes (i.e., all vessels with punctated rims and appliqued bodies, regardless of the decorative elements of either), only seven different rim/body code groups are represented by more than 2.8% of the rim-body decorated jars: punctated rim/appliqued body (8.3%, no one rim/body class is dominant); punctated rim/incised body (5.5%, 07/05 is the dominant rim/body code class); brushed rim/brushed body (4.6%, 05/03 is the dominant rim/body code class); brushed rim/appliqued body (4.6%, no one rim/body class is dominant); incised rim/incised body (2.8%, no one rim/body class is dominant); appliqued rim/appliqued body (2.8%, 18/10 is the dominant rim/body class); and brushed-appliqued rim/appliqued body (2.8%, no one rim/body code class). More specifically within the various groups of rim and body decorated jars, the four most common rim/body code jar classes for the Titus phase rim and body decorated jars are 07/03 (tool punctated rows on the rim/vertical brushed body); 07/05 (tool punctated rows on the rim/vertical incised lines on the body); 05/03 (horizontal brushed rim/vertical brushed body); and 18/10 (vertical appliqued ridges on the rim/vertical appliqued ridges on the body) (see Table 17).

Titus phase jars with decorations only on the rim are dominated by those with punctations (9.2%), punctations and incised lines (7.3%), or incised lines (4.6%), with a few vessels (between 0.9-2.8% for each rim coded class) having brushed, neck banded, punctated-appliqued, or appliqued rim decorations (see Table 17). The rim punctated vessels typically have rows of punctations of various sorts, usually punctations made with a tool of some kind. The rim punctated-incised jars are not dominated by any particular rim/body code combination, although rows of punctations and incised elements (i.e., triangles, panels, and scrolls) filled with tool punctations are important characteristics of these jars. The rim incised jars primarily have simple geometric elements (i.e., vertical, horizontal, opposed and diagonal lines).

**Lip Notching**

Only two of the 463 vessels discussed in this report (0.4%) have lip notching. The first is a post-A.D. 1500 Simms Engraved carinated bowl from the Lone Star Lake site (41MX65), while the other is a late 17$^{th}$-early 18$^{th}$ century Keno Trailed, *var*. *Phillips*

bowl (cf. Schambach and Miller 1984) from the Keeling site. In the present set of vessel assemblages, lip notching appears to be an infrequent post-16th century form of vessel lip treatment.

**Pigments**

The ceramic fine ware vessels placed in the Titus phase and Allen phase burials frequently had a clay pigment rubbed in the engraved designs. In the case of the Titus phase vessels, a total of 34.8% of the fine wares from the sites have such pigments (Table 18); by comparison, 47.1% of the fine wares in the Titus phase vessels from the Johns site have pigments (Perttula et al. 2010:Table 13). Approximately 22% of the Allen phase fine wares (Patton Engraved and Taylor Engraved vessels) discussed in this report have a clay pigment rubbed into the engraving (Table 19).

**Table 18. Use of pigments in the fine wares, Titus phase sites in the Big Cypress Creek basin.***

| Vessel Form | White pigment | Red pigment |
|---|---|---|
| Carinated bowl | 40 | 12 |
| Compound bowl | 10 | 1 |
| Chalice | 1 | - |
| Bowl | 1 | 1 |
| Bottle | - | 20 |
| Olla | - | 1 |
| Compound vessel | - | 2 |
| Jar | 1 | - |
| Percent Summary | 20.5% | 14.3% |

*Keith, Cecil Guest, Harold Williams, B. J. Horton, Keeling, Lone Star Lake, G. W. Rumsey, and Tuck Carpenter sites fine ware vessel samples

**Table 19. Use of pigments in the fine wares, Historic Caddo sites in the Angelina River basin.**

| Vessel Form | White pigment | Red pigment |
|---|---|---|
| Carinated bowl | 1 | - |
| Bowl | 1 | - |
| Percent Summary | 22% | - |

The pigments added to the surface decorations of the fine wares include a white kaolin clay mixture and a red hematite clay mixture, with the white kaolin clay pigment being the preferred pigment (see Tables 18 and 19). Overall, the white kaolin clay pigment is the dominant pigment among fine ware carinated bowls (all varieties of Ripley Engraved, particularly *var. McKinney*, *var. Galt*, and *var. Carpenter* styles, along with a cf. Belcher Engraved vessel, a Taylor Engraved vessel from the Rumsey site), compound bowls (primarily Turner Engraved, *var. Turner* vessels), and the single Turner Engraved chalice from the Tuck Carpenter site. Red clay pigments are proportionally more common on the Titus phase fine ware bottles (including Wilder Engraved, Ripley Engraved, Hodges Engraved, Taylor Engraved, and Bailey Engraved vessels), the ollas (Wilder Engraved), and the compound or conjoined vessels, while white (as on a Johns Engraved bowl from the Tuck Carpenter site) or red clay pigments are equally represented among the engraved bowls; Ripley Engraved carinated bowls at the Tuck Carpenter sometimes have a red pigment. The Middle Caddo Nacogdoches Engraved bottle also has a red pigment,

Both white (*Hah ki yo* in the Caddo language) kaolin clay and a red (*Hatinu* in Caddo) hematite-rich clay were used as pigments that were rubbed in the engraved decorations of a number of fine ware vessels in northeastern Texas Caddo ceramic traditions. The use of pigments is a long-standing northeastern Texas Caddo ceramic practice (Campbell 1936:Table 7), applied to 14–16% of the fine ware vessels in the sample of vessels examined by Campbell (1936), but at much higher proportions at the Johns site, and clay pigments were also used as stand-alone offerings. For instance, elite burials in shaft tombs in Mound C (dating from ca. the mid-late ninth century A.D. to the late 13th-early 14th century A.D.) at the George C. Davis site (41CE19) had clay pigment offerings, including gray, green, red, purple, brown, yellow, and blue-gray colors (Story 1997:7–65).

Given the long-term importance of clay in Caddo burial rituals (Gonzalez 2005:57), particularly the washing of the body in red clay, and the possible significance of the color white as a counterpoint to red clay—indeed, the general symbolic significance of different colors as part of cosmological underpinnings of world views (cf.

Cobb and Drake 2008; Walker 2004)—the white clay may have been imbued with other than a life-giving force. This alternating preference for either red or white clay pigments has a resonance that extends beyond simple differences in pigment choice. Lankford (1992) discusses the importance of the use of these two colors in social, political, and cosmological dualisms or divisions in Southeastern societies, and it is likely that similar dualisms characterized prehistoric Caddo groups living at Caddo sites in northeastern Texas (Hart and Perttula 2010). In the context of the use of different colors of pigments in mortuary rituals, Lankford's (1992:76–77) suggestion that the two colors symbolize the Lower world of change (red) and the Upper world of order (white) seems apt. It is probable as a means by which to explain the symbolic meaning and use of different pigments on mortuary vessels that cosmological and world views of the Caddo peoples living in northeastern Texas began to change some time after the early 15th century A.D. with different trends in pigment use, at least as seen in parts of the region (cf. Perttula 2009). These new cosmological and world views came to dominate beliefs and mortuary ritual usage after ca. A.D. 1560 and then continued into the Historic Caddo (post-A.D. 1650) period, in Allen phase mortuary vessels in any case, when fine ware engraved vessels always have white pigments rubbed in the design. Before that time, the use of red pigments appears to have been the predominant practice. In the case of the Titus phase vessels discussed herein, the preferred use of white clay pigment on certain kinds of vessels seems to have been in place by the early 15th century A.D.

Ethnographic accounts of the Caddo in the 17th and 18th centuries occasionally mention their use of red and white colors, paints, pigments, and feathers, but not in mortuary ceremonies. Red and white colors sometimes were used in opposition when applied as paints or pigments on material items in ceremonies, such as the calumet, where the pipe was placed upon a structure of three sticks painted red, and with a white deerskin placed across the sticks (Foster 1998). Red ochre was apparently a valuable commodity, and the Caddo mined it and carried it long distances between settlements (Hatcher 1927:209). Caddo men painted their faces with ochre to make themselves look redder (Hatcher 1927:176), but there are other instances where Caddo men painted their faces red and white (Foster 1998:206). White feathers—a sign of peace—were attached to calumets by the Caddo (Hatcher 1927:151). George Sabo (May 2009 personal communication) indicates that such examples of color use by the Caddo peoples "suggest an association of red and white with an ongoing cycle of life in which birth and death are subsumed."

According to Bobby Gonzalez of the Caddo Nation of Oklahoma (April 2008 personal communication), "the red pigment means life and is very sacred among the Caddo. The red pigment is now used on peyote staffs, and during ritual ceremonies and prayer meetings, the red pigment is painted on and in the ears as well as on the top of the head in the middle of a man's hair line, running from front to back; the women and men paint themselves in the morning when the sun comes up."

The Caddo "also use the red pigment when someone dies. If the deceased is a man we paint them in the middle hair line and on the face on each side of the eyes; if the deceased is a woman, another Caddo woman would paint her under the eyes."

"The white clay is also very sacred to the Caddo and was used for altars during Caddo peyote meetings. The white clay is used by the Caddo in doctoring people with cuts, burns, stomach problems, and other reasons" (Bobby Gonzalez, April 2008 personal communication). Even today, Caddo home places in Oklahoma have white and red clay altars, and some families still use these colors.

## Pipes

There are ceramic elbow pipes (n=7) and platform pipes (n=3) in the Turner collection from the Tuck Carpenter (n=4), B. J. Horton (n=1), Harold Williams (n=3), and Rumsey (n=2) sites in the Big Cypress Creek basin. Turner also has a single engraved elbow pipe from the Deshazo site (41NA27) in the Angelina River basin.

### Platform pipes

The three platform pipes in the Turner collection are from the Rumsey site and the Harold Williams/Albert Hilton site (Table 20). Two of the three platform pipes are plain, but the third (from Area A at the Harold Williams site in what appears to be a Middle Caddo period context, see Turner and Smith 2003:Figure 10b-c) has appliqued nodes on the platform (see below).

**Table 20. Ceramic platform pipes from the Turner collection.**

| Site | PH* (mm) | PL (mm) | SED (mm) | SID (mm) | ST (mm) | BOD (mm) | BHT (mm) | BT (mm) | Temper |
|---|---|---|---|---|---|---|---|---|---|
| Rumsey | 33.2 | 76.0 | 26.0 | 14.0 | 6.6 | 31.0 | 14.0 | 4.1 | grog |
| Albert Hilton | 31.6 | 99.2 | 24.9 | 13.9 | N/A | 34.1 | 7.6 | 4.2 | grog |
| Harold Williams | 38.5 | 75.0 | 26.6 | 13.5 | 6.5 | 34.7 | 12.1 | 2.7 | N/A |

*PH=pipe height; PL=pipe length; SED=stem exterior orifice diameter; SID=stem interior orifice diameter; ST=stem thickness; BOD=bowl orifice diameter; BHT=bowl height; BT=bowl thickness

The plain platform pipe from the Rumsey site has a broad bowl with a flat lip centrally placed on the platform (Figure 431a). The butt end of the stem has a rounded plan view, but a definite prow in profile. The plain platform pipe from the Albert Hilton Farm/Harold Williams site (Area A) also has a broad and centrally placed bowl on the platform (Figure 431b), although it is much shorter in height than the Rumsey pipe, but the overall pipe length is 30% longer (see Turner and Smith 2003:Figure 10d). The butt end of the stem is rounded in plan and profile views, similar to the butt end of some varieties of Red River pipes.

**Figure 431. Platform pipes: a, Rumsey site; b, Albert Hilton or Harold Williams site; c, Harold Williams, Area A.**

The second platform pipe from the Harold Williams site is from Area A east (Turner and Smith 2003:Figure 10b-c). This pipe has a broad bowl with a rounded lip, as

well as a rounded butt end of the stem in profile and plan view. What distinguishes this pipe is the addition of five appliqued nodes around the back side (away from the stem opening) of the stem and encircling one side of the bowl (Figure 431c). These appliqued attachments (ca. 11.4 mm in height) resemble finger-like appendages.

### Elbow pipes

Titus phase elbow pipes are in the Turner collections from the Tuck Carpenter, B. J. Horton, Harold Williams, and Rumsey sites (Table 21). These pipes are grog-tempered, have generally small bowls with flat lips, and several different bowl-stem profiles (Figure 432).

**Table 21. Ceramic elbow pipes from the Titus phase site burials.**

| Site/Burial | PH* (mm) | PL (mm) | SED (mm) | SID (mm) | ST (mm) | BOD (mm) | BHT (mm) | BT (mm) | Temper |
|---|---|---|---|---|---|---|---|---|---|
| Tuck Carpenter | | | | | | | | | |
| Burial 15 | 27.0 | 53.0 | 24.2 | 14.0 | 5.1 | 35.0 | 18.0 | 3.7 | grog |
| Burial 23 | 34.9 | 53.0 | 26.0 | 13.8 | 6.1 | 37.0 | 21.1 | 4.9 | grog |
| Burial 25 | 35.0 | 51.9 | 24.8 | 16.0 | 4.4 | 33.0 | 20.0 | 4.3 | grog |
| Burial 26 | 50.9 | 52.1 | 29.1 | 12.9 | 8.1 | 37.0 | 28.0 | 5.6 | grog |
| B. J. Horton | | | | | | | | | |
| Burial 4 | 39.0 | 47.0 | 25.1 | 14.7 | 7.7 | 38.0 | 27.0 | 5.4 | grog |
| Harold Williams | | | | | | | | | |
| Burial N | 36.4 | 54.0 | 24.0 | 16.8 | 3.6 | 36.5 | 12.4 | 3.0 | grog |
| Rumsey | | | | | | | | | |
| No provenience | 32.0 | 50.0 | 19.9 | 9.9 | 5.5 | 31.9 | 20.0 | 4.5 | grog |

*PH=pipe height; PL=pipe length; SED=stem exterior orifice diameter; SID=stem interior orifice diameter; ST=stem thickness; BOD=bowl orifice diameter; BHT=bowl height; BT=bowl thickness

**Figure 432. Elbow pipes from the Tuck Carpenter site: a, Burial 23; b, Burial 26; c, Burial 25; d, Burial 15. a is at the top left, and d is at the bottom right.**

The Rumsey elbow pipe has an L-shaped profile (Figure 433a), and L-shaped elbow pipes are generally thought to be one of the earliest forms of elbow pipes in the Northeast Texas Caddo region, becoming popular in the period between ca. A.D. 1350-1450. The stem and bowl meet at almost right angles on the Rumsey pipe. A second L-shaped elbow pipe is present in Burial 26 at the Tuck Carpenter site, except this pipe, and pipe bowl, is much taller (Figure 433b, see Table 21).

**Figure 433. Elbow pipes from the Rumsey, Tuck Carpenter, Harold Williams, and B. J. Horton sites: a, Rumsey site; b, Tuck Carpenter, Burial 26; c, Tuck Carpenter, Burial 23; d, Harold Williams, Burial N; e, B. J. Horton, Burial 4; f, Tuck Carpenter, Burial 25; g, Tuck Carpenter, Burial 15.**

Variety A elbow pipes from Burial 23 at the Tuck Carpenter site and Burial N at the Harold Williams site have a distinctive attachment at the back end of the bowl, as if one end of a longer butt end of the pipe stem has been folded back onto the bowl itself. In most cases at the Johns site (Perttula et al. 2010), the stem of the Variety A elbow pipes is set at a slight angle to the bowl, or at a right angle to the bowl, as in the case of the elbow pipe from Burial 23 at the Tuck Carpenter site (see Figure 433c). The Harold Williams Variety A elbow pipe, however, has a short stem that meets the bowl at an acute angle (cf. Variety C elbow pipes at the Johns site) (see Figure 433d). These pipes tend to be about the same size as the other elbow pipes, with rounded stems under the bowl, but with a shorter and broader bowls that would have held more smoking materials (see Table 21).

The elbow pipe from the B. J. Horton site is similar to the Variety B elbow pipes defined by Perttula et al. (2010) from the John site. Variety B pipes are short in length and height, and the stem is not as rounded under the bowl as the Variety A pipes (see Figure 433e). The angle of the stem and bowl approaches a right angle. The pipe from Burial 25 at the Tuck Carpenter site is also a Variety B pipe (see Figure 433f and Table 21).

The final elbow pipe form (Variety E) is from Burial 15 at the Tuck Carpenter site. It has a rounded stem, a short bowl, and a short stem that meets the stem at an acute angle (see Figure 433g).

The Deshazo site elbow pipe was found in the right hand of the individual buried in Grave 6 (Good 1982:Figure 34; Napoleon 1995:Figure 53A-A'). It is a small pipe, tempered with bone and grog, with a Patton Engraved design on the bowl and stem. The pipe has a rounded lower stem, and the stem and bowl meet at near a right angle (Figure 434). An interesting attribute of this pipe is a narrow connecting ridge of clay between the bowl and the stem exterior orifice. The pipe is a maximum of 29.5 mm in height; the bowl is only 17.7 mm in height. The bowl has an exterior orifice diameter of 23.2 mm, and it is 4.2 mm thick. The exterior stem diameter is 20.0 mm.

**Figure 434. Engraved elbow pipe from the Deshazo site, Burial 6.**

## Large Chipped Bifaces

A single large and thin chipped biface was found at the Lineburger site in Camp County, Texas. This biface, made from a dark grayish-brown Central Texas chert, is well knapped with small retouch/pressure flakes along both edges of the piece; there is no evidence of polish on either face. The biface has basal notches and a short expanding

stem (20.8 mm in stem width and 11.8 mm in stem length). The biface is 174.5 mm in length, 72.0 mm in width, and only 7.6 mm in thickness.

## Conclusions

In the summer of 2009, we completed the detailed analysis and photo documentation of two large collections owned by Robert L. Turner, Jr. and Tommy Johns of Caddo ceramic vessels from more than 20 prehistoric to early historic cemeteries in Northeast and East Texas. A companion CD (Perttula et al. 2010) presents our analyses and photo documentation of the material culture remains (ceramic vessels, ceramic pipes, etc.), arrow points from the Johns site (41CP12) in the Tommy Johns collection, also completed in the summer of 2009.

It has been our purpose in completing the analysis of these Caddo ceramic vessel collections, and distributing this information on CDs, to make this important information on Caddo vessel assemblages a part of the public record, as we believe that there is substantial information to be gained on Caddo archeology as a result of this effort. If nothing else, the analysis records and photographs from these private collections are now available for future study by Caddo archeologists, interested members of the public, and the Caddo peoples themselves.

In this volume, we summarize our findings from the analysis of 463 ceramic vessels, 10 ceramic pipes, and one large chipped stone biface from Caddo sites in the Big Cypress Creek and Neches-Angelina River basins. The vast majority of the documented material culture remains we have summarized come from many Late Caddo period Titus phase cemeteries (most notably, the Tuck Carpenter site, see Turner [1978, 1992]) along tributaries of Big Cypress Creek, including several on Dry Creek, Greasy Creek, Prairie Creek, Tankersley Creek, and Ellison Creek (see Figure 6), although there are a few Middle Caddo period (ca. A.D. 1200-1400) vessels from three sites in the Dry and Greasy Creek valleys.

The Titus phase ceramic vessels (carinated bowls, compound bowls, bowls, bottles, and jars, with the rare occurrence of ollas and a single chalice from the Tuck Carpenter site) from mortuary contexts in these Big Cypress Creek basin sites are dominated by grog-tempered fine wares—particularly a number of varieties of Ripley Engraved, as well as Wilder Engraved, and Turner Engraved, a new ceramic type—often times with either a red or white pigment rubbed in the engraved lines. Bone and hematite were regularly added as temper to the vessel paste. Fine wares represent approximately 66% of the Titus phase vessel assemblages. Utility wares comprise another 27% of the Titus phase vessel sample, and 7% are plain wares (primarily small plain bowls and bottles). Among the Titus phase utility wares, we have documented a wide variety and combination of rim and body decoration methods and decorative elements, including punctated, incised, appliqued, brushed, and neck banded decorative methods; many of these vessels cannot be identified as belonging to a currently defined Northeast Texas ceramic type. Most of the utility ware jars in the Titus phase vessel sample are decorated on both the rim and body, but with different decorative elements and motifs on each part

of the vessel. The definition herein of distinct rim and body code classes in the Titus phase utility ware jars provides a more comprehensive categorization of the decorative category of these wares, and represents a ceramic vessel classification effort that we look forward to building upon with other Titus phase ceramic vessel assemblages.

Most of the remainder of the documented collections discussed in this volume are from the Deshazo (41NA27) and Stephens Farm (41NA202) sites in Nacogdoches County, in the Angelina River basin in East Texas. These are Historic Caddo period Allen phase sites with small cemeteries. They include Patton Engraved, cf. Hume Engraved, Taylor Engraved, and Natchitoches Engraved fine wares, brushed, punctated, and pinched utility wares, and different plain ware forms.

# References Cited

Bell, M.
1981 *The Alex Justiss Site: A Caddoan Cemetery in Titus County, Texas*. Publications in Archaeology, Highway Design Division Report No. 21. Texas State Department of Highways and Public Transportation, Austin.

Bonds, J. (editor)
2006 *Art of the Ancient Caddo*. Grove Hill Publishing, Leonard, Texas.

Brown, J. A.
1996 *The Spiro Ceremonial Center: The Archaeology of Arkansas Valley Caddoan Culture in Eastern Oklahoma*. 2 Vols. Memoirs No. 29. Museum of Anthropology, University of Michigan, Ann Arbor.

Campbell, T. N.
1936 A Study of Ornamentation in the Pottery of Prehistoric East Texas, with Special Attention Given to Designs. Master's thesis, Department of Anthropology, The University of Texas at Austin.

Cast, R., T. K. Perttula, B. Gonzalez, and B. Nelson
2006 *Documentation of Caddo Ceramic Vessels from 41WD60, Wood County, Texas*. Historic Preservation Program, Caddo Nation of Oklahoma, Binger, Oklahoma.

Cliff, M. B.
1997 The Middle Caddoan Period in the Lower Sulphur River Area. *Journal of Northeast Texas Archaeology* 9:9-16.

Cobb, C. R. and E. Drake
2008 The Colour of Time: Head Pots and Temporal Convergence. *Cambridge Archaeological Journal* 18(1):85–93.

Ferring. C. R. and T. K. Perttula
1987 Defining the Provenance of Red-Slipped Pottery from Texas and Oklahoma by Petrographic Methods. *Journal of Archaeological Science* 14:437-456.

Fields, R. C.
1995 Analysis of Native-Made Ceramics. In *The Deshazo Site, Nacogdoches County, Texas, Volume 2: Artifacts of Native Manufacture*, edited by D. A. Story, pp. 173-232. Studies in Archeology 21. Texas Archeological Research Laboratory, The University of Texas at Austin.

Foster, W. C. (editor)
1998 *The La Salle Expedition to Texas: The Journal of Henri Joutel, 1684-1687*. Translated by Johanna S. Warren. Texas State Historical Association, Austin.

Gadus, E. F.
2009 Caddo Bowls, Bottles, Social Order and the Mississippian Cosmos. Paper presented at the 2009 Texas Archeological Society Annual Meeting, Del Rio, Texas.

Gadus, E. F. and R. C. Fields
1996 *Ceramic Vessels from the Pleasure Point Site (41MR63), Marion County, Texas*. Technical Report No. 22. Prewitt and Associates, Inc., Austin.

Gadus, E. F., R. C. Fields, J. K. McWilliams, J. Dockall, and M. C. Wilder
2006 *National Register Testing of Seven Prehistoric Sites in the Sabine Mine's Area Q, Harrison County, Texas*. Reports of Investigations No. 147. Prewitt & Associates, Inc., Austin.

Girard, J. S.
2007 Byram Ferry (16BO17): A Middle to Late Caddo Period Mound Site in the Red River Floodplain, Northwest Louisiana. *Caddo Archeology Journal* 16:9-25.

Gonzalez, B.
2005 Caddo Tribal Religious Burial Ceremonies beyond Archeology. In *A Rediscovering of Caddo Heritage: The W. T. Scott Collection at the American Museum of Natural History and Other Caddo Collections from Arkansas and Louisiana*, by B. Gonzalez, R. Cast, T. K. Perttula, and B. Nelson, pp. 55–59. Historic Preservation Program, Caddo Nation of Oklahoma, Binger, Oklahoma.

Gonzalez, B., R. Cast, T. K. Perttula, and B. Nelson
2005 *A Rediscovering of Caddo Heritage: The W. T. Scott Collection at the American Museum of Natural History and Other Caddo Collections from Arkansas and Louisiana*. Historic Preservation Program, Caddo Nation of Oklahoma, Binger, Oklahoma.

Good, C. E.
1982 Analysis of Structures, Burials, and other Cultural Features. In *The Deshazo Site, Nacogdoches County, Texas, Volume 1*, edited by D. A. Story, pp. 51-112. Texas Antiquities Permit Series No. 7. Texas Antiquities Committee, Austin.

Hart, J. P.
1982 An Analysis of the Aboriginal Ceramics from the Washington Square Mound Site, Nacogdoches County, Texas. Master's thesis, Northeast Louisiana University, Monroe.

Hart, J. P. and T. K. Perttula
2010 The Washington Square Mound Site and a Southeastern Ceremonial Complex Style Zone among the Caddo of Northeastern Texas. *Midcontinental Journal of Archaeology*, in press.

Hatcher, M. A. (editor)
1927 Descriptions of the Tejas or Asinai Indians, 1691–1722. *Southwestern Historical Quarterly* 30:206–218 and 31:150–180.

Hunt, S. M., F. B. Largent, Jr., and M. B. Cliff
1996 *Cultural Resources Evaluation of the Pilgrim's Pride Property South of Big Cypress Creek, Camp County, Texas*. Miscellaneous Report of Investigations No. 118. Geo-Marine, Inc., Plano.

Jelks, E. B.
1961 *Excavations at Texarkana Reservoir, Sulphur River, Texas*. River Basin Survey Papers, No. 21. Bureau of American Ethnology Bulletin 179. Smithsonian Institution, Washington, D.C.

King, K. and M. Turner
1993 The West Island Site (41MX65). *Notes on Northeast Texas Archaeology* 1:25-33.

Kleinschmidt, U. K. W.
1982 Review and Analysis of the A. C. Saunders Site, 41AN19, Anderson County, Texas. Master's thesis, Department of Anthropology, The University of Texas at Austin.

Krieger, A. D.
2009 *Archaeological Horizons in the So-Called Caddo Area*. Archival Series 3. Texas Archeological Research Laboratory, The University of Texas at Austin.

Lankford, G. E.
1992 Red and White: Some Reflections on Southern Symbolism. *Southern Folklore* 50(1):53–80.

Napoleon, P. N.
1995 Analysis of Native-Made Ceramic Pipes. In *The Deshazo Site, Nacogdoches County, Texas, Volume 2: Artifacts of Native Manufacture*, edited by D. A. Story, pp. 157-171. Studies in Archeology 21. Texas Archeological Research Laboratory, The University of Texas at Austin.

Nelson, B. and M. Turner
1997 Middle Caddoan Sites in the Cypress Creek Drainage Basin. *Journal of Northeast Texas Archaeology* 10:1-11.

Perino, G.
1983 *Archaeological Research at the Bob Williams Site (41RR16), Red River County, Texas*. Potsherd Press, Museum of the Red River, Idabel, Oklahoma.

Perttula, T. K.
1998 Caddo Ceramics from the Middle Caddoan Period Knight's Bluff Site (41CS14), Cass County, Texas. *Caddoan Archeology* 8(4):11-19.

2000 Functional and Stylistic Analyses of Ceramic Vessels from Mortuary Features at a 15th and 16th Century Caddo Site in Northeast Texas. *Midcontinental Journal of Archaeology* 25(1):101-151.

2003 Ceramics from the Caddoan Cemetery (Area B) at the Alex Justiss Site (41TT13). In *Excavations at the Alex Justiss Site, 41TT13, Titus County, Texas*, by R. Rogers, M. B. Cliff, T. K. Perttula, G. Rutenberg, S. Victor, P. Dering, and M. Malainey, pp. 59-95. Archeological Studies Program Report No. 36. Texas Department of Transportation, Austin.

2008 Trends and Varieties in Late Caddo and Historic Caddo Fine Ware Pottery Types in the Upper Neches River Basin. *Journal of Northeast Texas Archaeology* 28:51-55.

2009 The Ceramic Artifacts from the Lang Pasture Site (41AN38) and the Place of the Site within an Upper Neches River Basin Caddo Ceramic Tradition. In *Archeological Investigations at the Lang Pasture Site (41AN38) in the Upper Neches River Basin of East Texas*, assembled and edited by T. K. Perttula and D. B. Kelley, pp. C-1 to C-260. Coastal Environments, Inc., Baton Rouge.

Perttula, T. K. (editor)
2005 *Archeological Investigations at the Pilgrim's Pride Site (41CP304), a Titus Phase Community in the Big Cypress Creek Basin*. 2 Vols. Report of Investigations No. 30. Archeological & Environmental Consultants, LLC, Austin.

Perttula, T. K., with contributions by D. E. Wilson and M. Walters.
2006 *A Study of the Buddy Calvin Jones Collection From Northeast Texas Caddo Sites.* Special Publication No. 6. Friends of Northeast Texas Archaeology, Pittsburg and Austin.

Perttula, T. K. and B. Nelson
2004 *Archeological Investigations at the Shelby Site (41CP71) on Greasy Creek, Camp County, Texas*. Special Publication No. 5. Friends of Northeast Texas Archaeology, Pittsburg and Austin.

Perttula, T. K. and D. L. Sherman
2009 *Data Recovery Investigations at the Ear Spool Site (41TT653), Titus County, Texas*. Document No. 070205. PBS&J, Austin.

Perttula, T. K., M. Walters, and B. Nelson
2009 *Documentation of the Native American Ceramic Vessels from Northeast Texas, Southern Arkansas, and Eastern Oklahoma in the Boyce Smith Museum in Troup, Texas*. Special Publication No. 8. Friends of Northeast Texas Archaeology, Austin and Pittsburg.

2010 *Caddo Pottery Vessels and Pipes from the Johns Site (41CP12) in the Big Cypress Creek Basin in the Turner and Johns Collections, Camp County, Texas*. Special Publication No. 11. Friends of Northeast Texas Archaeology, Austin and Pittsburg.

Perttula, T. K., R. Cast, B. Gonzalez, and B. Nelson
2008 *Documentation of Unassociated and Culturally Unidentifiable Funerary Objects in the U.S. Army Corps of Engineers, Fort Worth District Collections Housed at the Texas Archeological Research Laboratory at The University of Texas at Austin*. Historic Preservation Program, Caddo Nation of Oklahoma, Binger, Oklahoma.

Perttula, T. K., M. Walters, S. Marceaux, and B. Nelson
2009 *Caddo Pottery Vessels and Pipes from Sites in the Middle and Upper Sabine and Upper Neches River Basins, Smith and Wood Counties, Texas*. Special Publication No. 7. Friends of Northeast Texas Archaeology, Austin and Pittsburg.

Perttula, T. K., M. Walters, R. Cast, B. Gonzalez, and B. Nelson
2007 *Documentation of Funerary Offerings from a Prehistoric Caddo Burial at Site 41WD244, Wood County, Texas*. Caddo Nation of Oklahoma, Binger, Oklahoma, and Archeological & Environmental Consultants, LLC, Austin.

Perttula, T. K., M. Tate, H. Neff, J. W. Cogswell, M. D. Glascock, E. Skokan, S. Mulholland, R. Rogers, and B. Nelson
1998 *Analysis of the Titus Phase Mortuary Assemblage at the Mockingbird Site ("Kahbakayammaahin"), 41TT550*. Document No. 970849. PBS&J, Austin.

Rice, P. M.
1987 *Pottery Analysis: A Sourcebook*. University of Chicago Press, Chicago.

Rogers, R., M. B. Cliff, T. K. Perttula, G. Rutenberg, S. Victor, P. Dering, and M. Malainey
2003 *Excavations at the Alex Justiss Site, 41TT13, Titus County, Texas*. Archeological Studies Program Report No. 36. Texas Department of Transportation, Austin.

Schambach, F. F. and J. E. Miller
1984 A Description and Analysis of the Ceramics. In *Cedar Grove: An Interdisciplinary Investigation of a Late Caddo Farmstead in the Red River Valley*, edited by Neal L. Trubowitz, pp. 109-170. Research Series No. 23. Arkansas Archeological Survey, Fayetteville.

Schambach, F. F., J. C. Weber, and A. M. Early
n.d. Typology and Nomenclature for South Arkansas Ceramics, Part II: The Descriptive Classification. MS on file, Arkansas Archeological Survey, Fayetteville.

Skibo, J. M.
1992 *Pottery Function: A Use-Alteration Perspective.* Plenum Press, New York.

Story, D. A.
1997 1968–1970 Archeological Investigations at the George C. Davis Site, Cherokee County, Texas. *Bulletin of the Texas Archeological Society* 68:1–113.

Story, D. A. (editor)
1995 *The Deshazo Site, Nacogdoches County, Texas, Volume 2: Artifacts of Native Manufacture*. Studies in Archeology 21. Texas Archeological Research Laboratory, The University of Texas at Austin.

Suhm, D. A. and E. B. Jelks (editors)
1962 *Handbook of Texas Archeology: Type Descriptions*. Texas Archeological Society Special Publication 1 and Texas Memorial Museum Bulletin 4, The University of Texas at Austin.

Teltser, P. A.
1993 An Analytic Strategy for Studying Assemblage-Scale Ceramic Variation: A Case Study from Southeast Missouri. *American Antiquity* 58(3):530-543.

Thurmond, J. P.
1990 *Archeology of the Cypress Creek Drainage Basin, Northeastern Texas and Northwestern Louisiana*. Studies in Archeology 5. Texas Archeological Research Laboratory, The University of Texas at Austin.

Turner, R. L., Jr.
1978 The Tuck Carpenter Site and Its Relation to Other Sites Within the Titus Focus. *Bulletin of the Texas Archeological Society* 49:1-110.

1992 *Prehistoric Mortuary Remains at the Tuck Carpenter Site, Camp County, Texas*. Studies in Archeology No. 10. Texas Archeological Research Laboratory, The University of Texas at Austin.

1997 Observations on Four Probable Middle Caddo Cemeteries in Camp and Upshur Counties. *Journal of Northeast Texas Archaeology* 10:12-35.

2008 Pottery from 41NA202: The Stephens Site in Nacogdoches County, Texas. *Journal of Northeast Texas Archaeology* 28:9-11.

Turner, R. L., Jr. and J. E. Smith II, with contributions by T. K. Perttula, B. Nelson, M. Walters, and B. Gonzalez
2003 The Harold Williams Site (41CP10) and the Texas Archeological Society Field School of 1967. *Bulletin of the Texas Archeological Society* 73:1-68.

Walker, C. P.
2004 Prehistoric Art of the Central Mississippi Valley. In *Hero, Hawk, and Open Hand: American Indian Art of the Ancient Midwest and South*, edited by R. F. Townsend, pp. 219–229. The Art Institute of Chicago in association with Yale University Press, New Haven.

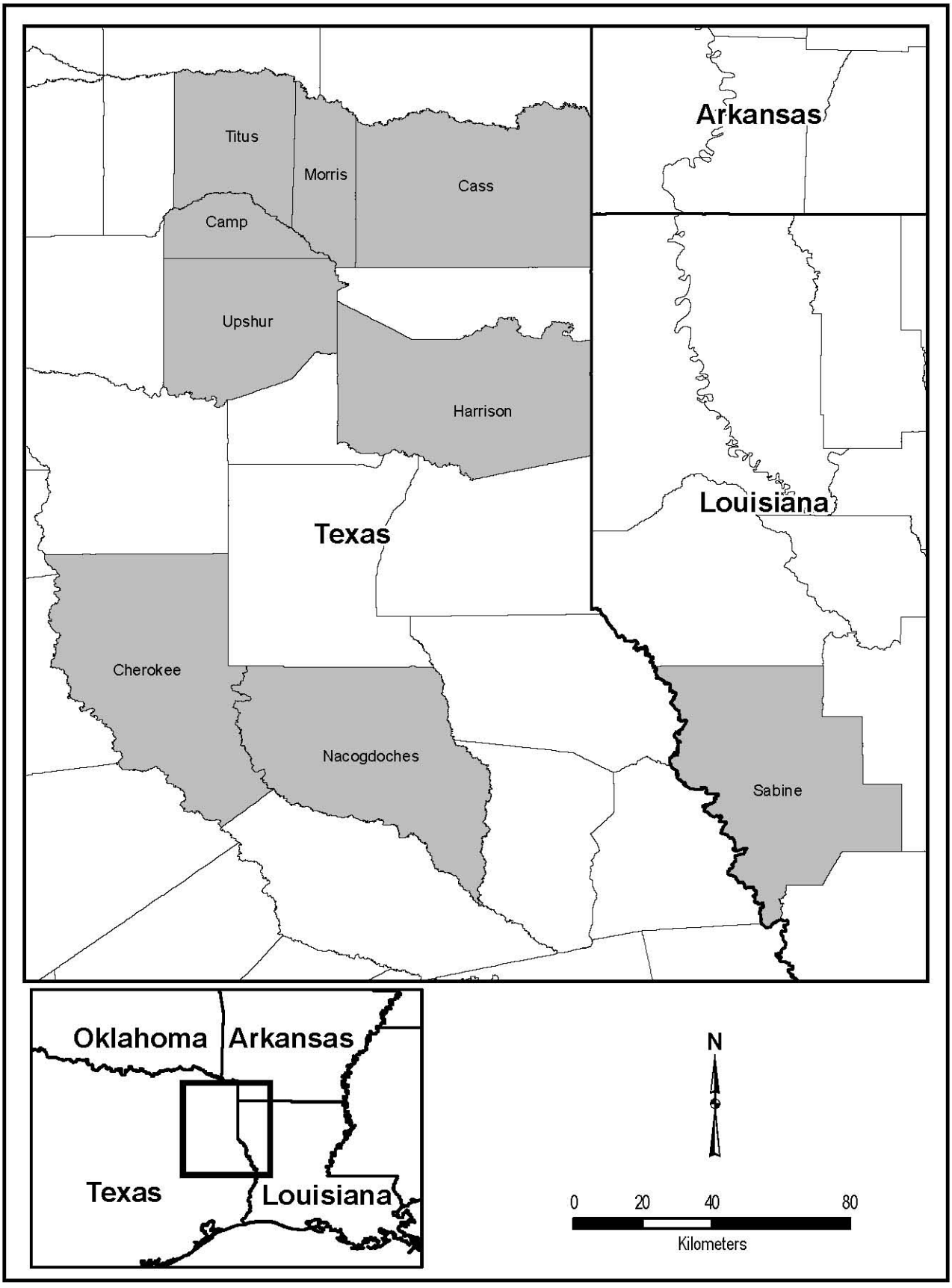
Walters, M.
2006 The Lake Clear (41SM243) Site and *Crotalus horridus atricaudatus*. *Caddo Archeology Journal* 16:5-39.

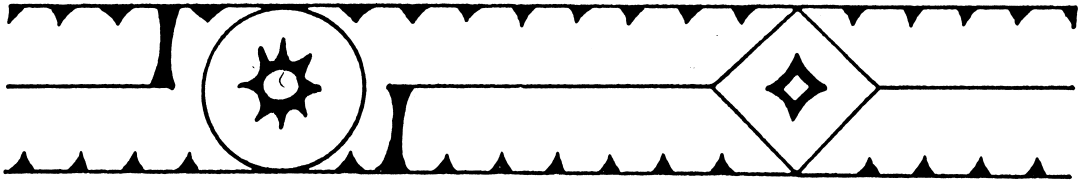
n.d. Redwine or Pie-Crust Mode Forms in East Texas Caddo Ceramics and Comparisons with Sprocket-Rims of Southwest Arkansas. MS submitted to the *Caddo Journal*, under review.

Webb, C. H.
1959 *The Belcher Mound: A Stratified Caddoan Site in Caddo Parish, Louisiana*. Memoirs No. 16. Society for American Archaeology, Salt Lake City.

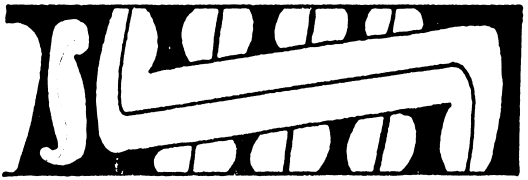
Webb, C. H. and R. R. McKinney
1975 Mounds Plantation (16CD12), Caddo Parish, Louisiana. *Louisiana Archaeology* 2:39-127.

Woodall, J. N.
1969 *Archaeological Excavations in the Toledo Bend Reservoir, 1966*. Contributions in Anthropology No. 3. Southern Methodist University, Dallas.

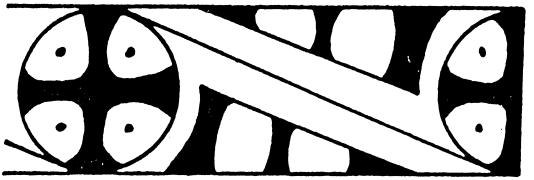

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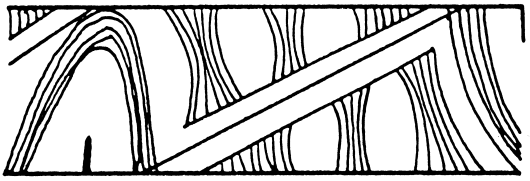
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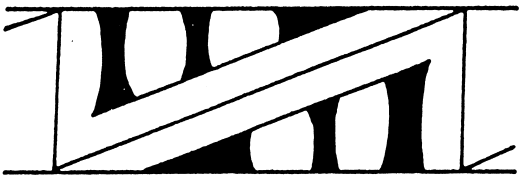
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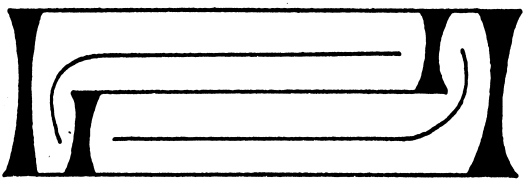
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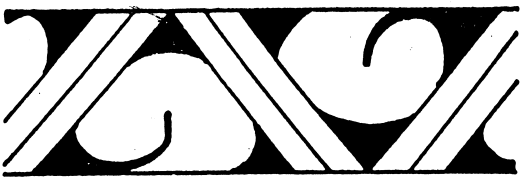
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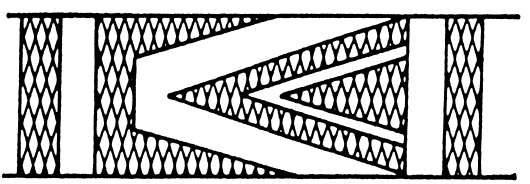
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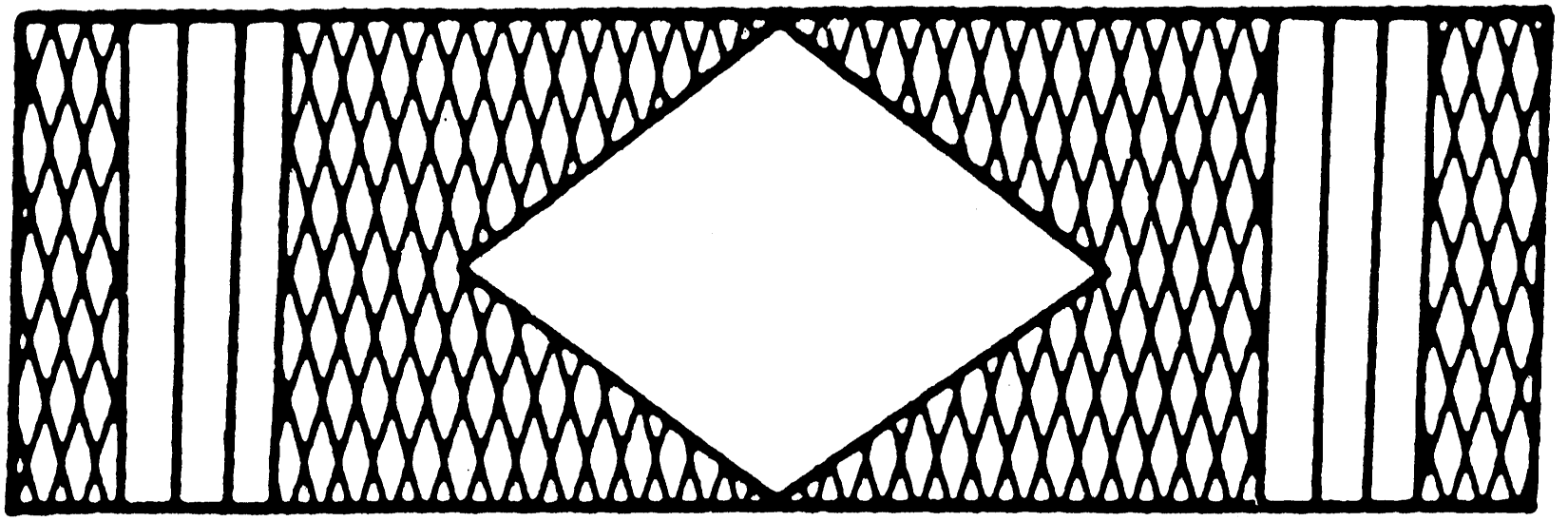
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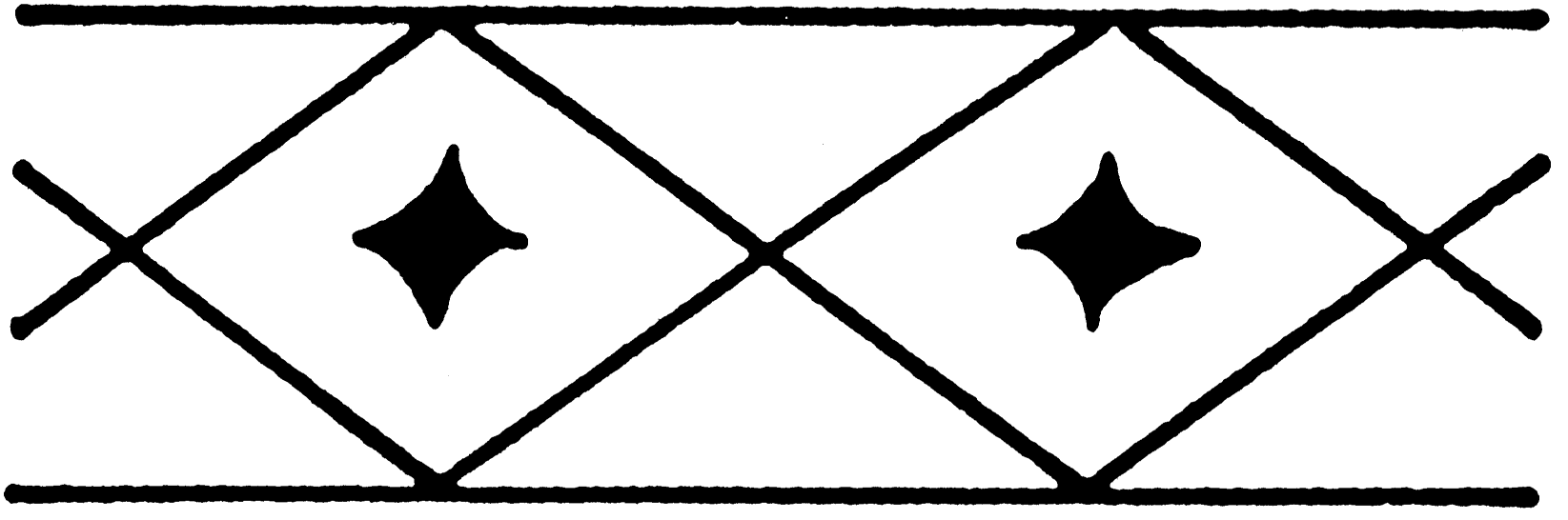


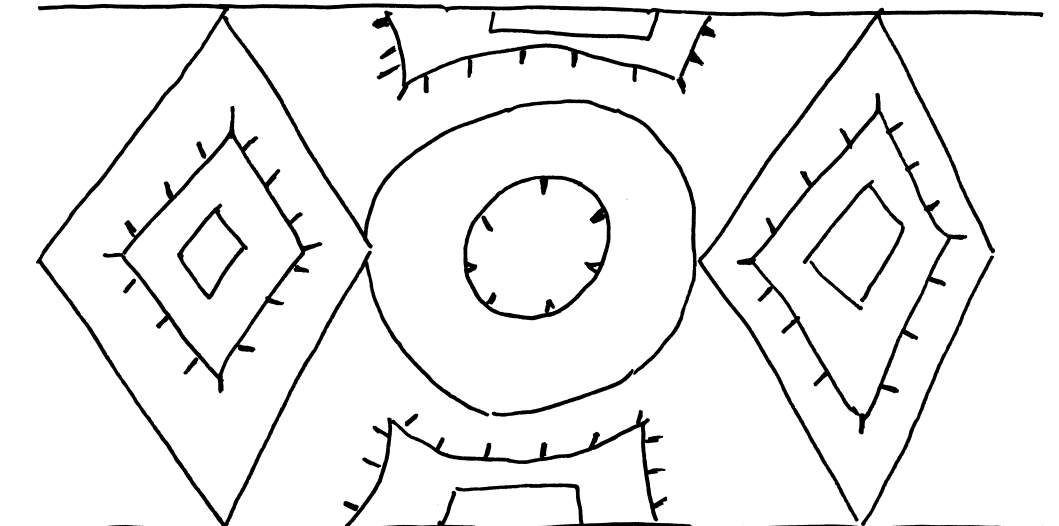
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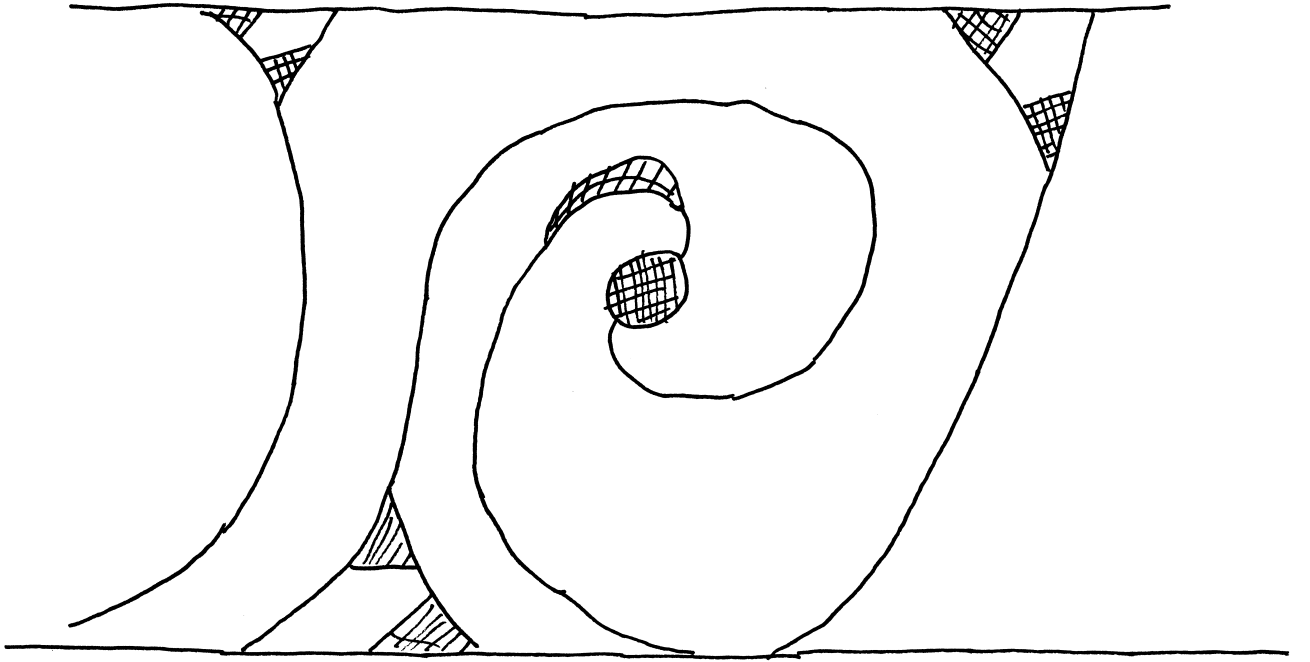


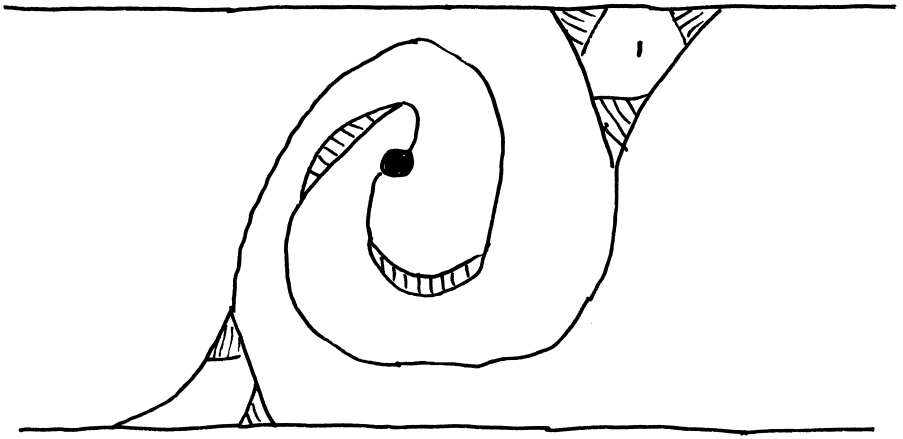
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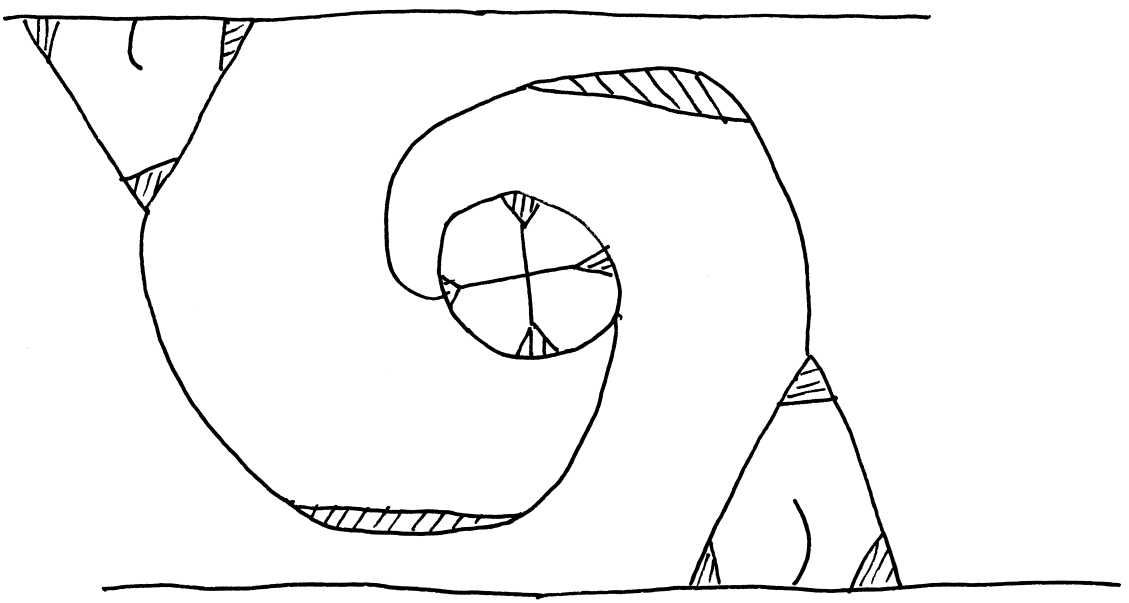


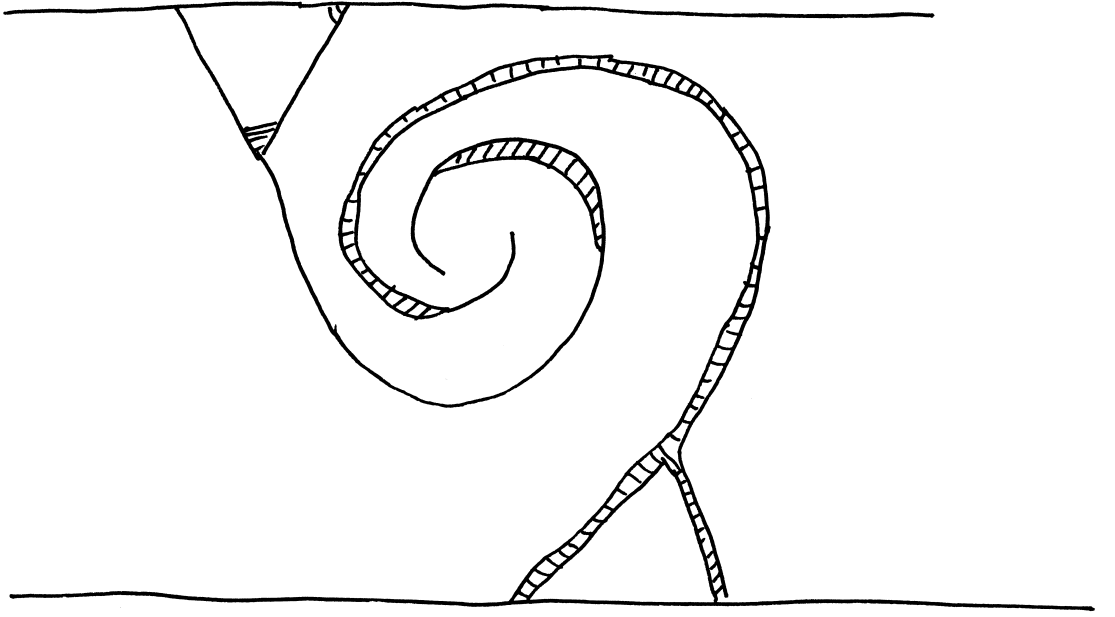


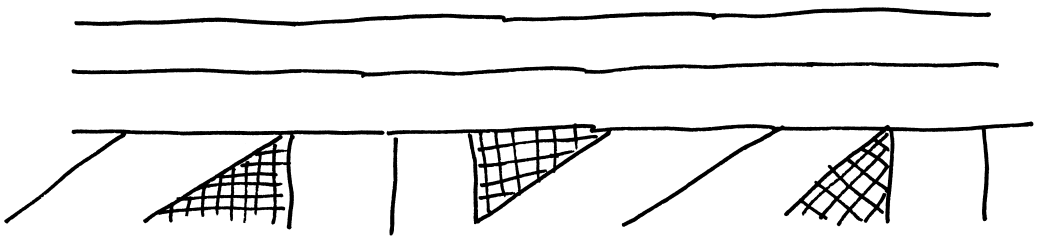


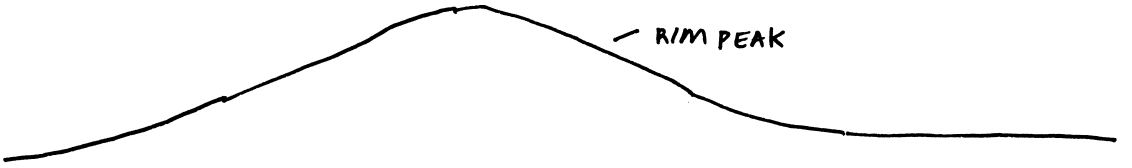


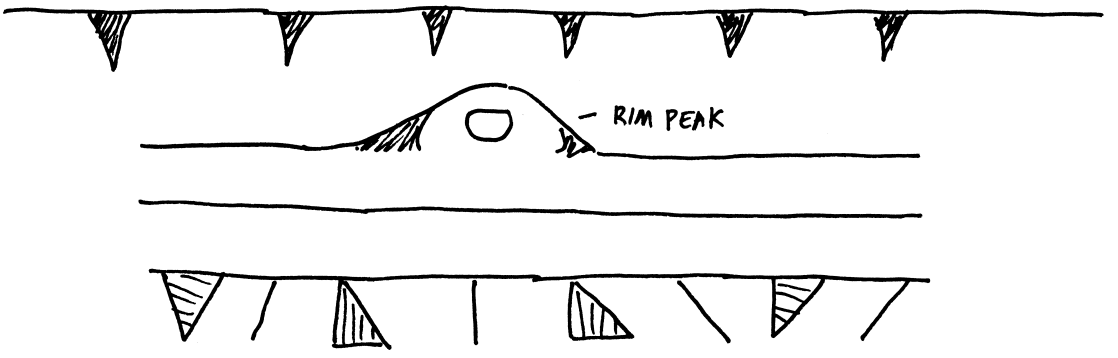


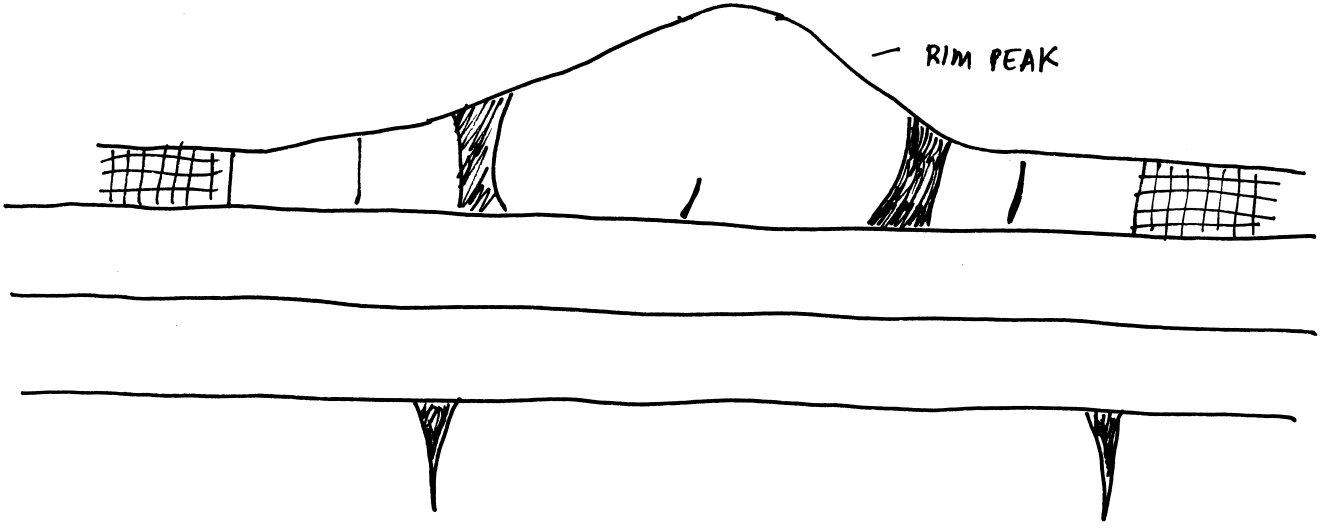







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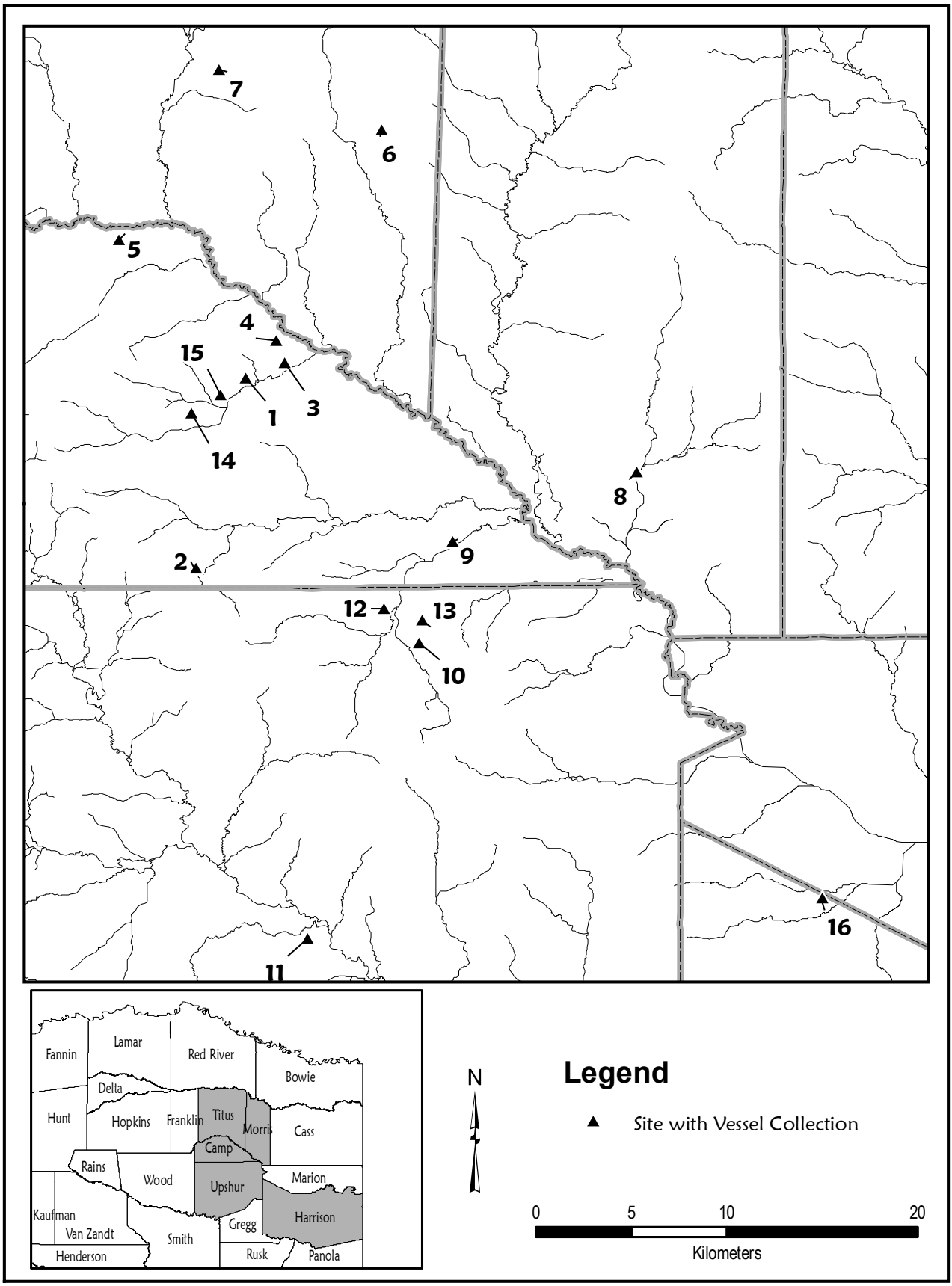

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Figure 7




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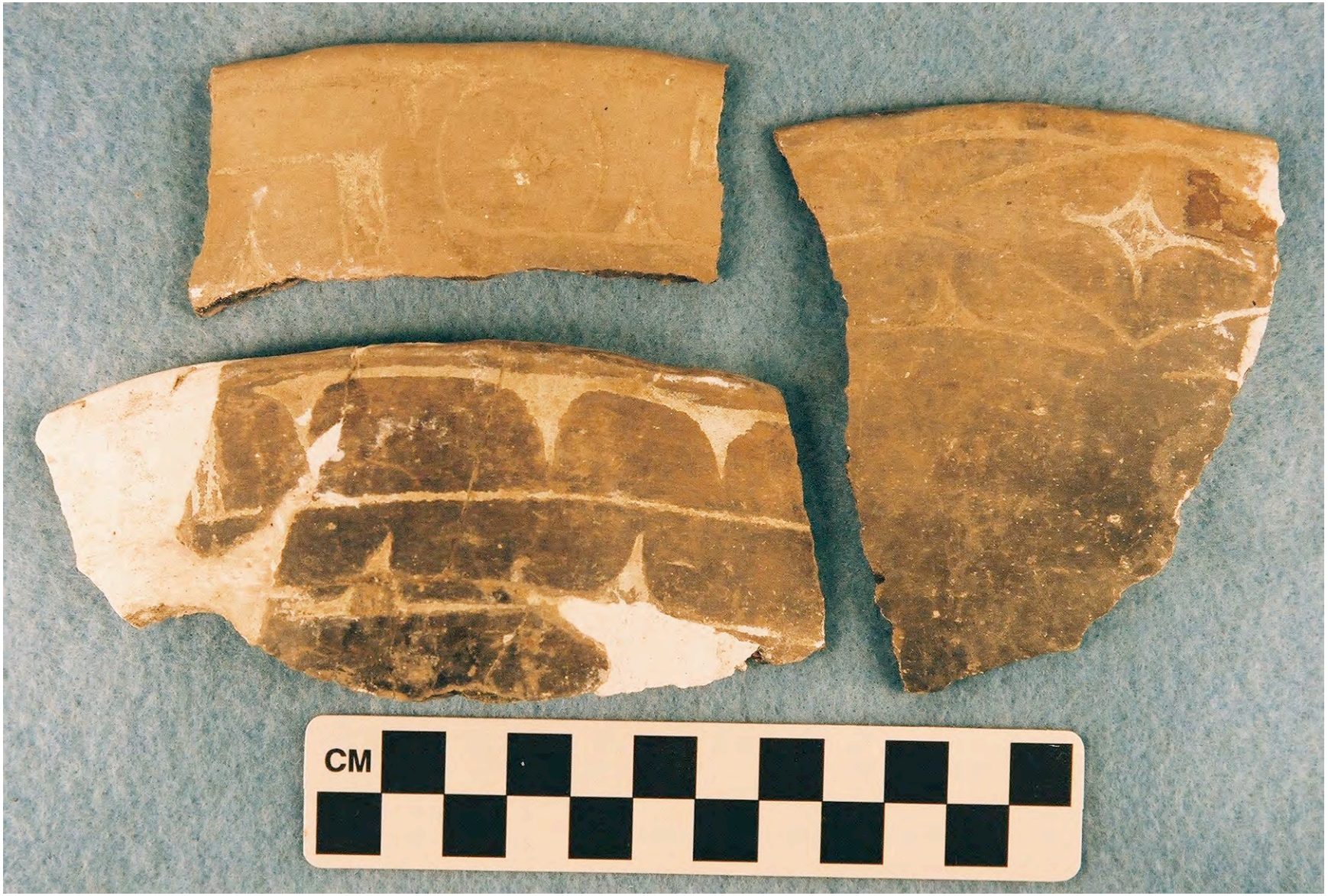


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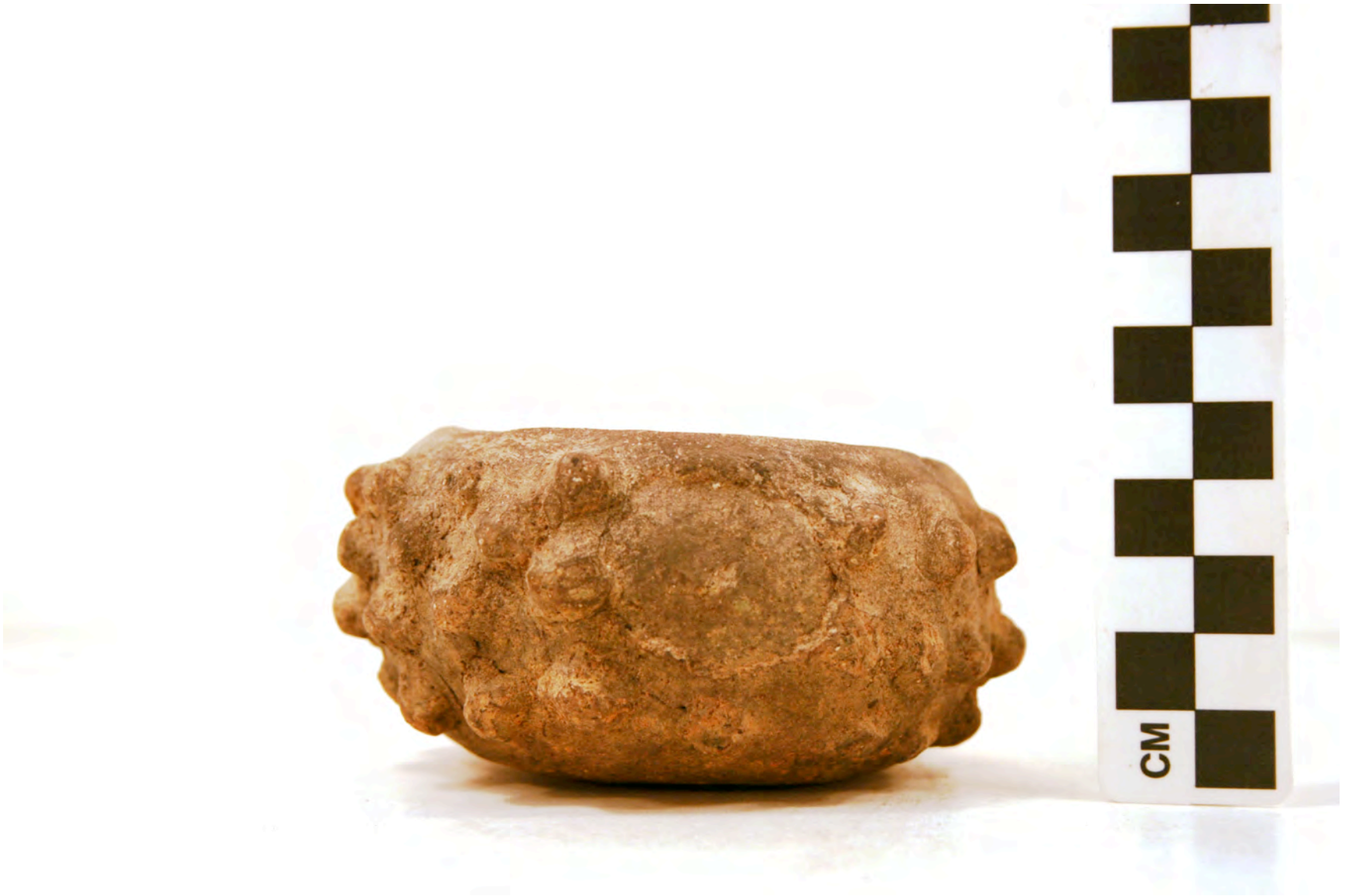



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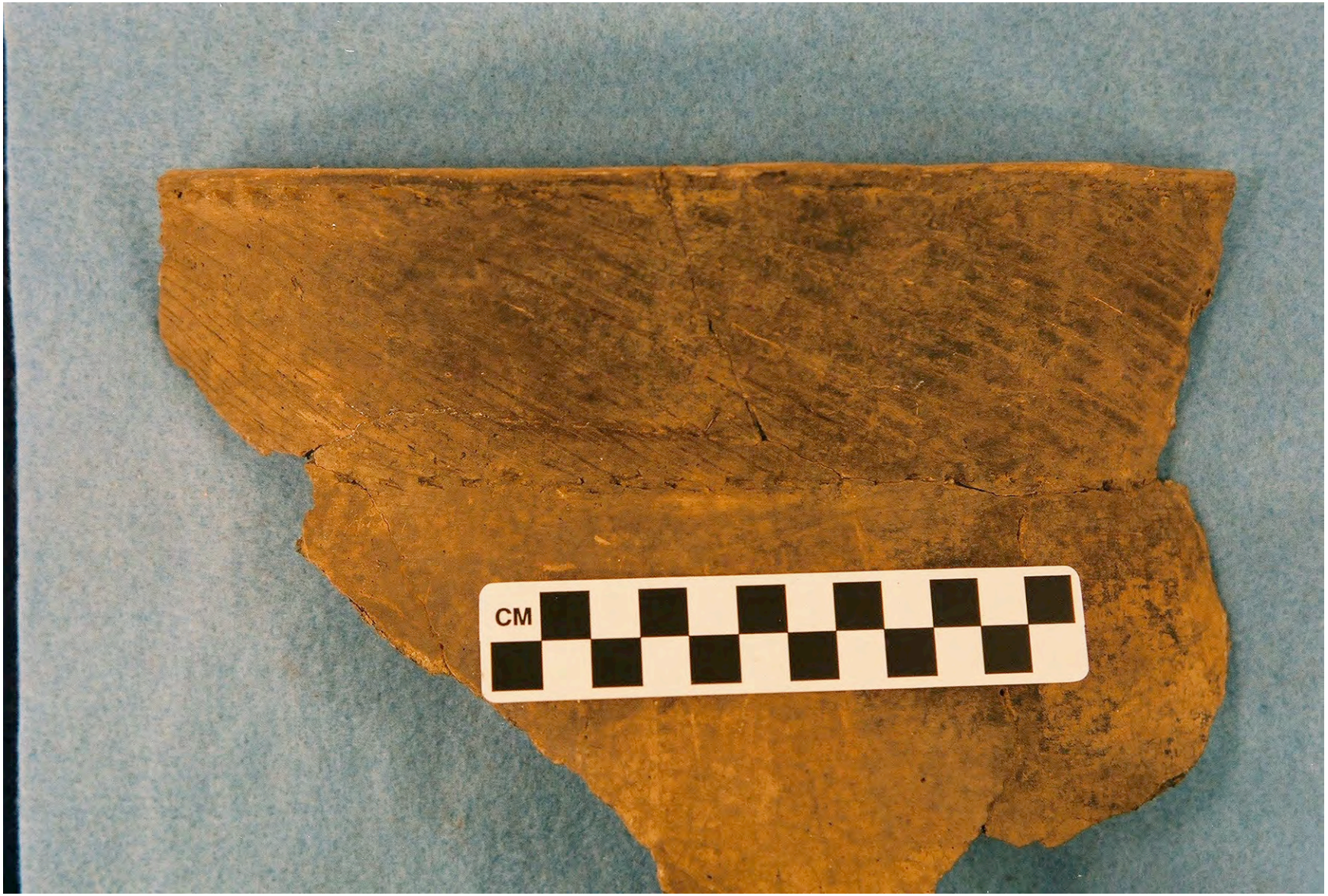


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Figure 148




Figure 149




Figure 150




Figure 151




Figure 152



Figure 153




Figure 154




Figure 155



Figure 156



Figure 157a



Figure 157b




Figure 158




Figure 159




Figure 160




Figure 161



Figure 162




Figure 163




Figure 164




Figure 165



Figure 166



Figure 167



Figure 168




Figure 169




Figure 170



Figure 171



Figure 172




Figure 173




Figure 174




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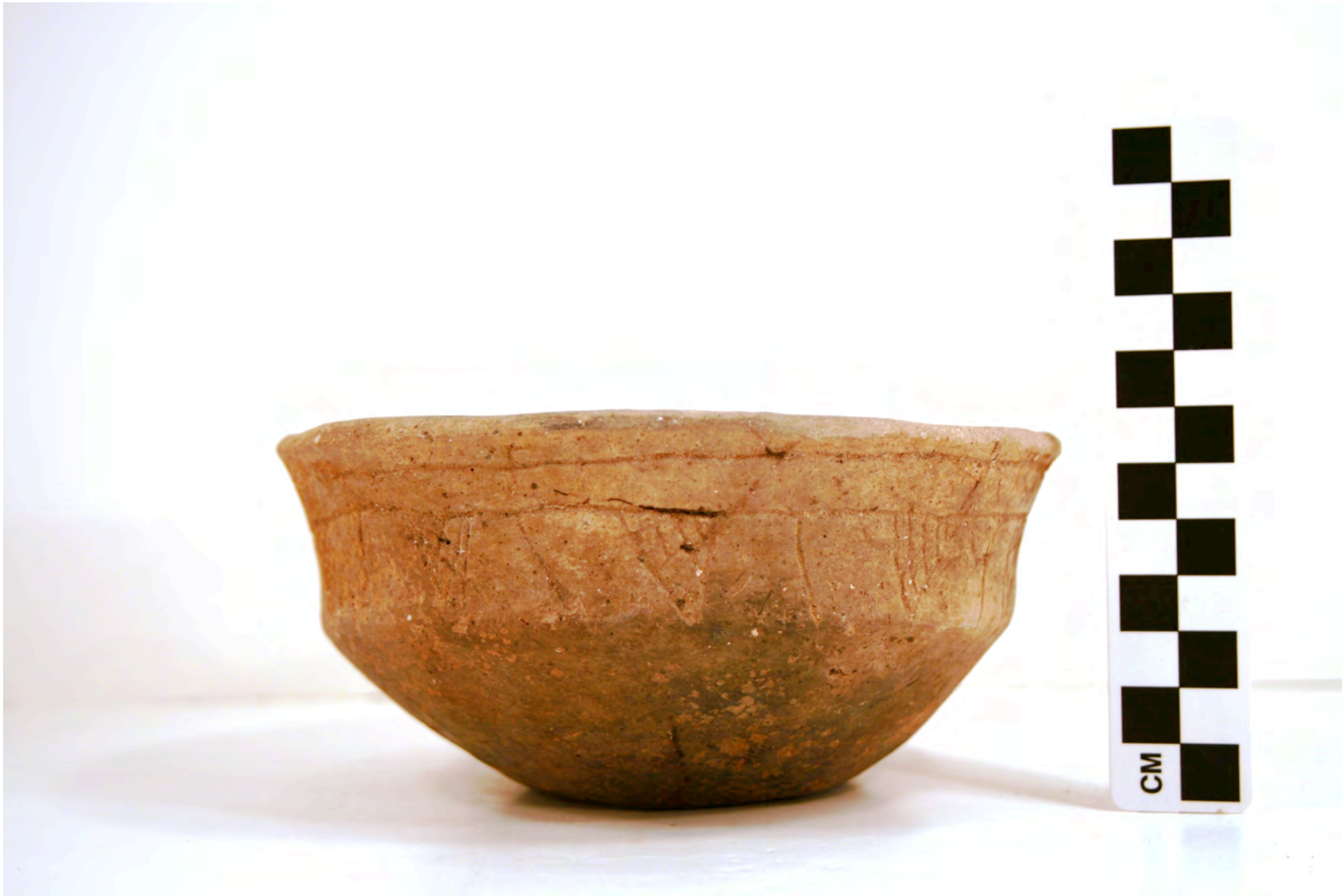



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Figure 247




Figure 248




Figure 249



Figure 250




Figure 251




Figure 252




Figure 253




Figure 254




Figure 255




Figure 256a




Figure 256b



Figure 257




Figure 258




Figure 259




Figure 260



Figure 261



Figure 262



Figure 263




Figure 264




Figure 265




Figure 266




Figure 267



Figure 268




Figure 269



Figure 270




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Figure 302




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Figure 304




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Figure 310



Figure 311




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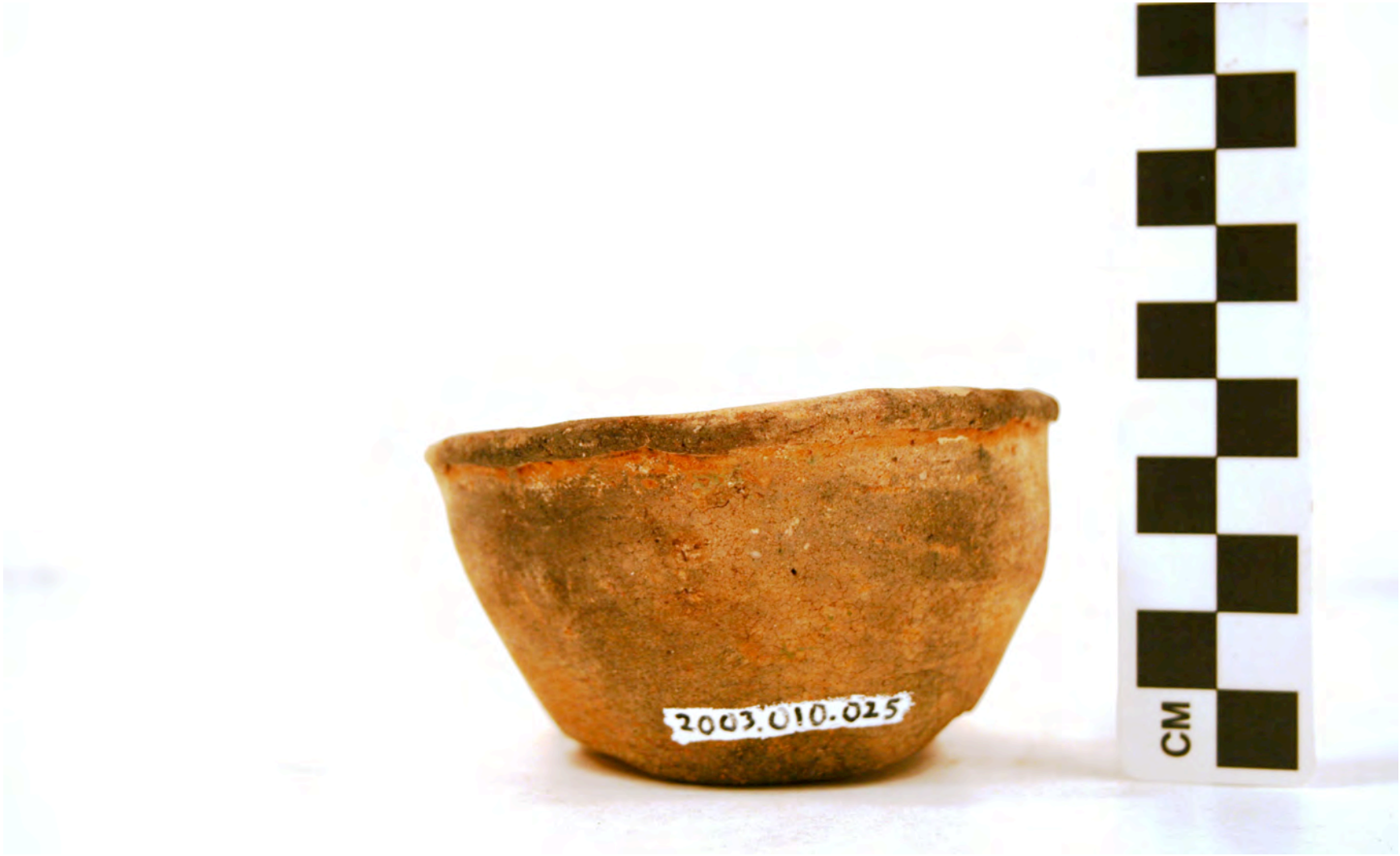



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Figure 412



Figure 413




Figure 414




Figure 415




Figure 416




Figure 417




Figure 418




Figure 419




Figure 420




Figure 421




Figure 422



Figure 423




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Figure 427



Figure 428




Figure 429




Figure 430



Figure 431a



Figure 431b



Figure 431c



Figure 432



Figure 433a



Figure 433b

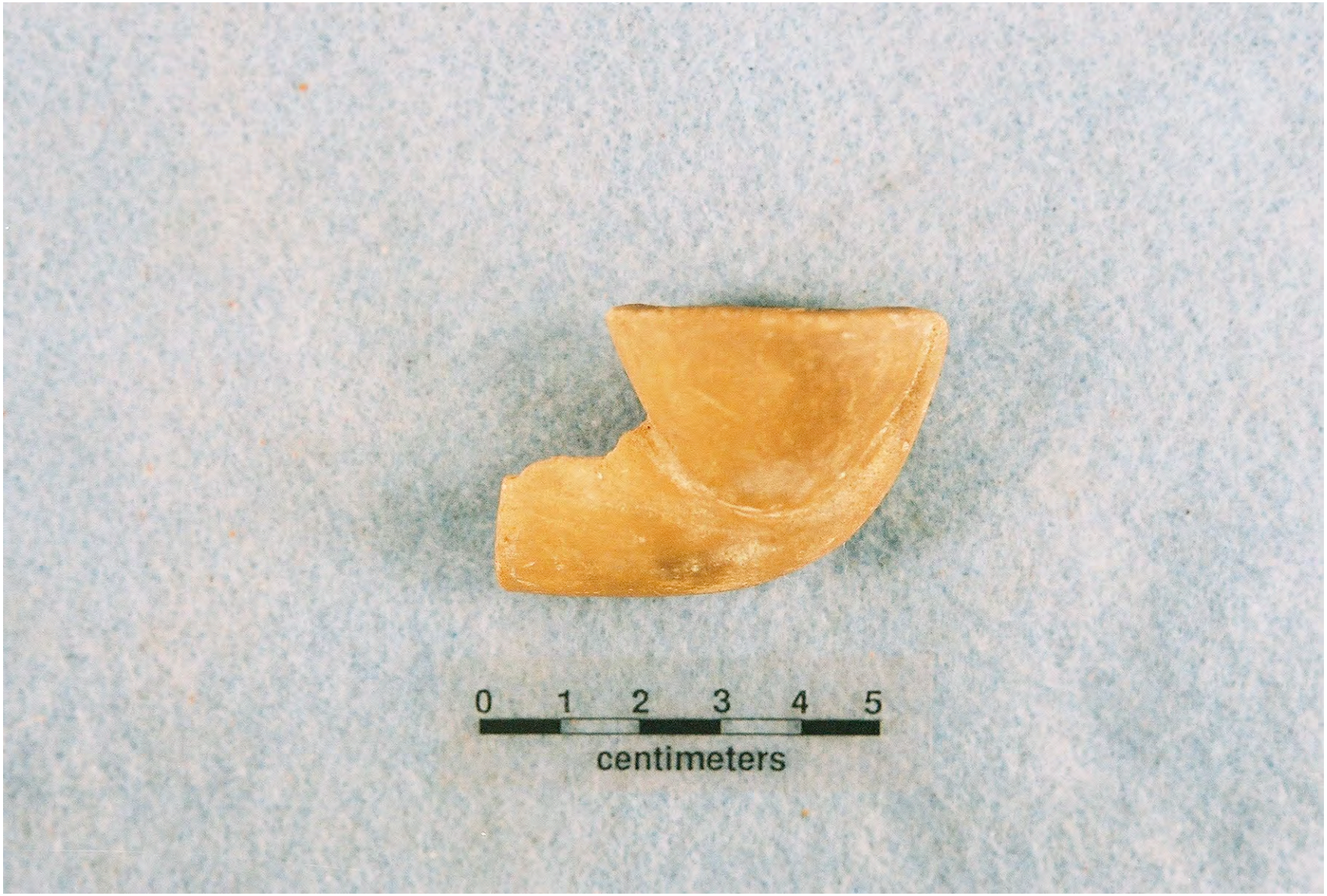


Figure 433c



Figure 433d



Figure 433e



Figure 433f




Figure 433g



Figure 434