

**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**

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Introduction

This report documents two collections of Caddo ceramic vessels, ceramic pipes, arrow points, and celts from the Johns site (41CP12) (Figure 1), a Titus phase cemetery in the Prairie Creek drainage in the Big Cypress Creek stream basin. These Caddo artifacts are from the Robert L. Turner, Jr. and Tommy Johns collections.

Figure 1. Location of Camp County in East Texas and the location of the Johns site (41CP12) within the county.

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 arrow points, celts, and other stone artifacts from a number of burials in the Johns collection. 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, 2010). 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; Perttula, Walters, and Nelson 2009, 2010) 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 from the Johns site date to Late Caddo Titus phase times (ca. A.D. 1430-1680). 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 the vessels from the site. Each of the ceramic vessels in the collection 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 section that follows provide the completed vessel recordation forms for 278 Caddo vessels from the Johns site, as well as accompanying vessel photographic illustrations. Being pressed for time near the end of the documentation effort, some of the vessels did not have information obtained on the entire suite of vessel attribute analysis.

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 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 the Johns site in the Big Cypress Creek basin 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) and Thurmond (1990), as well as Turner (1978), in the case of the Johns Engraved type. In the case of certain brushed vessels, we use the appellation Winfield Brushed, instead of Bullard Brushed, proposed by Krieger (2009).

In this report, we also employ a series of varieties defined by Perttula et al. (2010) of Ripley Engraved (Figure 2a-i) 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. We also recognize varieties of Ripley Engraved (Figure 3) and Wilder Engraved (Figure 4a-c) bottles (see Dunnell [2000] for a discussion of the type-variety system). 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 5a-d), including the Johns site as well as Pilgrim's Pride (41CP304) (see Perttula 2005, 2006).

Figure 2. Defined varieties of Ripley Engraved and other variety unspecified 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 Johns site Titus phase cemetery, particularly focusing on the vessels and other funerary objects found in mortuary contexts at the site. This discussion is facilitated by access to the original excavation notes and drawings maintained by Tommy Johns. Next, we present the completed vessel recordation forms for the analyzed vessels. 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, arrow points, celts, and other stone artifacts in the Tommy Johns collection.

Archeological Context of the Site

A total of 35 Late Caddo, Titus phase burials were excavated between May 1966 and December 1984 at the Johns site. The first 19 burials were excavated by Tommy Johns and Robert L. Turner, Jr., and Johns continued to excavate burials at the site until 1984.

According to Turner, each burial was drawn relative to east-west stakes (aligned by compass readings) placed 4-5 ft. apart next to the burial feature. Each funerary offering, or identified human remains, were measured relative to direction and distance in ft. from the two east-west stakes to compile the burial plan map. The depth below surface in ft. was also obtained on the various funerary offerings and human remains; human remains were very poorly preserved in the burial features, and none were recovered during the excavations. This information and notes on the 35 burial features has been provided by Tommy Johns for use in this report.

No single map of the plan of the Johns site cemetery exists in the available notes, but enough information is provided to reconstruct the arrangement and extent of the burial interments. The burials occur in a number of east-west rows (Figure 6), with the head of the deceased oriented almost always to face to the west. The deceased were placed in long, narrow, and relatively deep burial pits in an extended supine position, with funerary offerings generally placed along both the sides of the body and at the feet

(Figure 7a-h) (Table 1). Funerary offerings consisted of ceramic vessels (3-16 vessels per burial), ceramic pipes, arrow points (usually in quivers), celts, smoothing stones, as well as scrapers and other chipped stone tools. All of the burials have ceramic vessel funerary offerings, but only a small proportion had either ceramic pipes (25.7% of the burials), arrow points (62.9% of the burials), celts (17.1% of the burials), or other stone tools (17.1% of the burials) placed in the burial pit.

Figure 6. Map of the Johns site cemetery.

Figure 7. Plan maps of selected burial features at the Johns site: a, Burial 5; b, Burial 13; c, Burial 16; d, Burial 18; e, Burial 19; f, Burial 25; g, Burial 30; h, Burial 32.

Table 1. Characteristics of the Titus phase burials at the Johns site.

Burial No.	Head facing	Length (m)	Max. Depth (m)	No. of Vessels	Other offerings; comments
1	W	1.53	0.91	7	celt
2	NW	1.75	1.29	9	deer tooth under one vessel; large charcoal stain under several vessels
3	W	1.63	1.19	9	pipe; celt; arrow points; three Gary points
4	W	?	1.08	3	arrow points; child
5	W	2.01	1.02	9	smoothing stone; ear spool; pipe; 1 arrow point
6*	W	1.50	1.07	8	arrow points
7*	W	1.57	1.14	5	arrow points
8	W	?	0.81	4	
9	?	1.60	0.74	5	
10	WSW	1.83	0.81	5	pipe
11	W	1.90	1.50	11	
12	W	2.03	?	8**	
13	W	1.90	1.12	7	pipe; excavations here suggest the burial is in the vicinity of a Caddo house
14	W	2.16	0.97	7	arrow points; 1-2.5 cm layer of white sand placed on the floor of the burial pit
15	W	1.77	0.84	5	arrow points; ash layer on floor of burial pit
16	W	2.29	1.35	10	scraper; smoothing stone
17	W	?	1.07	8	blade; celt
18*	W	2.08	1.37	16	arrow points; kaolin clay mass
19	W	2.25	1.37	10	arrow points
20	?	?	0.87	4	quartz crystal; ochre; hammerstone; knife; pipe; flakes; arrow points
21	W	1.68	1.22	10	
22	?	1.93	1.00	10	celt; arrow points
23	SW	1.98	1.04	5	arrow point
24*	?	1.73	0.89	6	
25	W	2.13	1.37	5	7-10 cm thick layer of white sand on the floor of the burial pit; arrow points
26	W	1.19	1.12	9	a layer of white sand on the burial pit floor; 2 smoothing stones; adolescent

Table 1. Characteristics of the Titus phase burials at the Johns site, cont.

Burial No.	Head facing	Length (m)	Max. Depth (m)	No. of Vessels	Other offerings; comments
27*	W	1.58	1.05	10	white sand on the burial pit floor; arrow points
28	W	1.68	1.34	10	charcoal concentration on burial pit floor; celts; pipe; arrow points; drill; flakes
29	WNW	3.00	1.29	8	charcoal staining on burial pit floor; celt; pipe; smoothing stone; two quivers of arrow points
30*	W	2.03	1.14	10	white sand on burial pit floor; arrow points in two quivers
31	?	?	0.76	9	arrow points in a quiver; ear spool
32	WNW	1.60	1.62	14	black clay layer on floor of burial pit; quiver of arrow points by lower leg
33	W	2.23	1.30	10	two arrow point quivers; pipe
34	W	2.06	1.27	11	arrow points
35	W	2.03	1.65	11	two arrow point quivers; celt; pipe

*Burials identified by Turner (1978) as the late component at the Johns site.

**Determined during the documentation effort; the burial plan does not indicate the number or placement of funerary offerings

In some instances, the floor of the burial pits were covered with a thin layer of clean white sand before the deceased was laid in the pit. Several others had concentrations of ash and/or charcoal, suggesting a fire had been set in the burial pit before the body was laid in it (see Table 1).

Vessel Recordation Forms, Johns Site (41CP12)¹

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 1, Pot 1

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)

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

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 14.9

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

BASE DIAMETER (IN CM): 9.3

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has a single horizontal row of linear punctations running along the rim-body juncture, as well as midway along the rim and there are roughly three rows of vertically-oriented linear punctations either above or below the horizontal row (Figure 8). The vessel body is divided into nine panels by vertical applied fillets that extend from the rim-body juncture to the vessel base. Each panel is filled with vertically aligned linear punctations.

TYPE: Undetermined utility ware

Figure 8. Punctated and applied jar, Burial 1, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 1, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, slightly 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); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim; 6.2 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lowermost part of the body

HEIGHT (IN CM): 22.7

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.5

BASE DIAMETER (IN CM): 7.8

ESTIMATED VOLUME (IN LITERS): 4.5 liters

DECORATION: The rim has eight tightly-packed rows of tool punctations. The vessel body is divided into four panels by vertical applied fillets that extend to within 2.0 cm of the base, and the panels are filled with vertical, diagonal, and opposed brushing marks (Figure 9).

TYPE: Undetermined utility ware

Figure 9. Punctated-appliqued-brushed jar, Burial 1, Pot 2.

SITE NAME OR SITE NUMBER: Johns

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

HEIGHT (IN CM): 11.3

ORIFICE DIAMETER (IN CM): 29.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.4

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. The scrolls are divided by cross-hatched engraved brackets. The scroll fill zones include ovals and rectangles created by cross-hatching or excising, and alternating upper and lower scroll fill zones have a unique hatched hooked arm ending (Figure 10).

TYPE: Ripley Engraved, *var. Gandy*

Figure 10. Ripley Engraved, *var. Gandy* carinated bowl, Burial 1, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 1, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks

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 4/2); fire clouding on the rim

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base

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

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): 9.1; 10.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 13.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.2

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.97 liters

DECORATION: The upper rim panel has a narrow engraved horizontal band below the lip that is composed of sets of vertical and diagonal lines on either side of small hatched triangles. The lower rim panel has a scroll motif (*var. Gandy*) repeated four times around the vessel. The scrolls are divided by characteristic negative S-shaped elements (Figure 11).

TYPE: Ripley Engraved, *var. unspecified*, but cf. *var. Gandy*

Figure 11. Ripley Engraved, *var. unspecified* compound bowl, Burial 1, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 1, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Slightly inverted rim and a rounded, exterior folded and interior beveled lip

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

INTERIOR SURFACE COLOR: brown (10YR 4/3); fire clouding on the base

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.4

ORIFICE DIAMETER (IN CM): 24.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 1.7 liters

DECORATION: The rim has an engraved continuous scroll motif repeated six times around the vessel. The upper and lower scroll fill zones have negative ovals and rectangles outlined by excising and hatched lines (Figure 12).

TYPE: Ripley Engraved, *var. Carpenter*

Figure 12. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 1, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 1, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

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

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.7

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.8 liters

DECORATION: The upper rim panel has three broadly spaced horizontal engraved lines. The lower rim panel has four alternating sets of engraved semi-circles and nested triangles, with oval scroll fill zones outlined by cross-hatching within the nested triangles (Figure 13). The semi-circle element has two semi-circles, while the nested triangle element has two triangles, the smaller of which has a negative oval with a central dashed line (see Thurmond 1990:Figure 6e, h).

TYPE: Ripley Engraved, *var. unspecified*

Figure 13. Ripley Engraved, var. unspecified compound bowl, Burial 1, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 1, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Jar

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: brown (10YR 5/3); fire clouding on the rim and base

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): 5.5 mm, rim; 5.1 mm, body; 8.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 10.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.63 liters

DECORATION: The rim is horizontally brushing, with three rows of tool punctation pushed through the brushing. The vessel body is divided into four panels of vertical brushing by four vertical applied fillets (Figure 14).

TYPE: Pease Brushed-Incised

Figure 14. Pease Brushed-Incised jar, Burial 1, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 1a

NON-PLASTICS: grog

VESSEL FORM: Carinated 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)

HEIGHT (IN CM): 15.6

ORIFICE DIAMETER (IN CM): 32.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 32.9

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 4.6 liters

DECORATION: The rim has four horizontal engraved lines above a lower rim panel with excised rectangles containing negative ovals, separated by excised triangles (Figure 15).

TYPE: Undetermined fine ware

Figure 15. Undetermined engraved carinated bowl, Burial 2, Pot 1a.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 1b

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: very dark gray (10YR 3/1)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim; 8.0 mm, body; 8.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 21.0

ORIFICE DIAMETER (IN CM): 18.0

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

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: There are two rows of tool punctates on the rim. The vessel body has vertical brushing marks that extend to just above the base.

TYPE: Undetermined utility ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 2

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: brown (10YR 5/3)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5-5.6 mm, rim panels; 6.7 mm, body; 7.4 mm. base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 20.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.4

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has three broadly spaced horizontal engraved lines. The lower rim panel has a curvilinear scroll motif, repeated four times, whose arms circle each other and meet at a small open and central circle. There are two widened and

excised areas on each scroll arm, opposite the small central circle (Figure 16). The scroll arms on this vessel do not begin at upper and lower triangles, but from the lowermost horizontal engraved line on the upper rim panel. The upper and lower triangle elements, with hatched corners, and connected by a single curvilinear line, serve instead to divide the curvilinear scroll motifs. A white clay pigment has been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

Figure 16. Wilder Engraved, *var. Wilder* compound bowl, Burial 2, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 3a

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 grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

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

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 25.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.5

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: The upper rim panel has two broadly spaced horizontal engraved lines. The lower rim panel has 11 cross-hatched engraved pendant triangles and two cross-hatched squares, separated from one another by short diagonal or vertical engraved lines.

TYPE: Turner Engraved, *var. Turner*

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 3b

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)

HEIGHT (IN CM): 19.0

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 32.4

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 5.5 liters

DECORATION: The rim has an engraved continuous scroll motif (Thurmond 1990:Figure 6f) repeated six times around the vessel (Figure 17). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 17. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 2, Pot 3b.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with four rim peaks

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 8.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.3

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS):

DECORATION: The rim has three rows of tool punctations; the rim peaks are plain. The body has four raised and oval-shaped appliqued zones with attached appliqued fillets, each under the rim peaks, as well as four vertical appliqued fillets that extend to the vessel base (Figure 18).

TYPE: Undetermined utility ware

Figure 18. Punctated-appliqued jar, Burial 2, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 5

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 grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 7.7 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): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has horizontal brushing marks, with a row of tool punctations at the rim-body juncture. The body is vertically brushed.

TYPE: cf. Winfield Brushed (see Krieger 2009)

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

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

CORE COLOR: A (fired and cooled in an oxidizing environment)

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

EXTERIOR SURFACE COLOR: light brownish-gray (10YR 6/2); organic residue on the rim and body

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.2

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.8 liters

DECORATION: There is an engraved scroll and circle motif repeated four times around the rim. The central circle element has a small centrally-placed engraved circle within it (Figure 19).

TYPE: Ripley Engraved, *var. Galt*

Figure 19. Ripley Engraved, *var. Galt* carinated bowl, Burial 2, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, 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)

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 29.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.3

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim has an engraved continuous scroll motif repeated five times around the vessel. The scroll fill zones have negative ovals and excised triangles (Figure 20). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 20. Ripley Engraved, *var. Carpenter* carinated bowl. Burial 2, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, 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): 6.2 mm, rim; 6.1 mm, body; 9.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 22.0

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

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel has engraved panels repeated six times around the vessel. Each panel is filled with two opposed horizontal diamonds (cf. Thurmond 1990:Figure 6j), within which are two smaller opposed horizontal diamonds with hatched corners and negative ovals. Each panel also has two vertically opposed triangles with hatched corners and negative ovals; each negative oval has a vertical dashed line or spur within it. The panels are separated from each other by two vertical excised zones (Figure 21).

TYPE: Ripley Engraved, *var. unspecified*

Figure 21. Ripley Engraved, *var. unspecified* carinated bowl, Burial 2, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 2, Pot 9

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)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 3.6 mm, rim; 4.1 mm, body; 10.3 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 10.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.5

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim is plain, except for a row of small tool punctations at the rim-body juncture. The vessel body has sets of curvilinear applied ridges surrounding three sets of applied triangles that are repeated four times around the vessel. Between each applied set is a small applied circle with an applied node within it (Figure 22).

TYPE: Harleton Appliqued

Figure 22. Harleton Appliqued jar, Burial 2, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 1

NON-PLASTICS: grog and bone

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): 6.4 mm, rim; 6.7 mm, body; 8.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 33.0

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

BASE DIAMETER (IN CM): 9.9

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has four broadly-spaced horizontal engraved lines. The lower rim panel has engraved alternate nested triangles and semi-circles that are repeated four times around the rim. Within each nested triangle are two smaller triangles, the innermost of which has a negative oval element created by hatching the corners and sides of the triangle. There is also a single negative oval nestled within two of the triangles. The nested semi-circles have a smaller semi-circle within it. Within that smaller semi-circle is a negative horizontal S-shaped element formed by hatching (Figure 23).

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

Figure 23. cf. Ripley Engraved, *var. Williams* compound bowl, Burial 3, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 2

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: pale brown (10YR 6/3)

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

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.7

ORIFICE DIAMETER (IN CM): 10.6

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

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.28 liters

DECORATION: The vessel has eight rows of applied nodes covering the entire vessel surface from the rim to the base (Figure 24). A number of the applied nodes have become detached and fallen off the vessel, but the area of attachment is still visible.

TYPE: Moore Noded

Figure 24. Moore Noded bowl, Burial 3, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Bottle with a slighting flaring neck and a globular bowl

RIM AND LIP FORM: Everted rim and a rounded lip

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.3

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.6; 13.5 cm is the maximum body diameter

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 0.53 liters

DECORATION: The top of the vessel body has two horizontal engraved lines. On the remainder of the body are four alternating ticked and engraved semi-circle elements. Within the smallest semi-circle is a cross-hatched rectangular vertical column. Above or below each of the sets of ticked semi-circles are curvilinear zones with either small cross-hatched triangle or rectangle elements within the zones. A red clay pigment has also been rubbed in the engraved lines (Figure 25).

TYPE: Ripley Engraved, *var. unspecified*

Figure 25. Ripley Engraved, *var. unspecified* bottle, Burial 3, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 5

NON-PLASTICS: bone 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: light yellowish-brown (10YR 6/4); fire clouding on rim, body, 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): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER (IN CM): 9.3

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

BASE DIAMETER (IN CM): 5.4

ESTIMATED VOLUME (IN LITERS): 0.21 liters

DECORATION: The upper part of the vessel has an engraved scroll and circle motif repeated four times around the vessel. Each circle has a smaller central circle within it. The scroll fill zones include hatched triangles, excised triangles, and open triangle elements (Figure 26). There is one area underneath the scroll and circle motif where there are a series of unconnected engraved semi-circles, one of which has a small central circle within it.

TYPE: Ripley Engraved, *var. Galt*

Figure 26. Ripley Engraved, *var. Galt* bowl, Burial 3, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 6

NON-PLASTICS: grog and bone

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: light gray (10YR 7/1); fire clouding on the rim and body; organic residue on the rim and body

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 6.3 mm, body; 11.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 23.2

ORIFICE DIAMETER (IN CM): 15.0

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 3.1 liters

DECORATION: The rim has opposed incised lines, as well as a horizontal grooved area at the rim-body juncture. The vessel body has fine vertical brushing marks that extend to within 4.5 cm of the base (Figure 27).

TYPE: Maydelle Incised

Figure 27. Maydelle Incised jar, Burial 3, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 8

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 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): 5.2 mm, rim; 6.9 mm, body; 9.9 mm, base

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.3

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.9

BASE DIAMETER (IN CM): 5.2

ESTIMATED VOLUME (IN LITERS): 0.66 liters

DECORATION: The rim has six engraved panels with opposed horizontal diamond elements. Each of the diamonds has a small excised triangle within it. Also within the panel are two opposed engraved semi-circles. Each panel is divided from the others by single vertical engraved lines on either side of the panel (Figure 28).

TYPE: Ripley Engraved, *var. unspecified*

Figure 28. Ripley Engraved, *var. unspecified* carinated bowl, Burial 3, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 3, Pot 9

NON-PLASTICS: bone and grog

VESSEL FORM: D-shaped bowl (Figure 29)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.6 mm, rim; 8.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 15.0 cm in length and 10.2 cm in width

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

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 0.24 liters

DECORATION: The vessel has eight sets of engraved alternate nested triangles, four with the apex pointing towards the rim and four with the apex pointing towards the base. Each nested triangle element is composed of three sets of increasingly smaller triangles; the second triangle also has tick marks on it (Figure 29). On the side of the folded lip is a series of vertically oriented punctations, a decorative treatment also documented on Ripley Engraved, *var. Walkers Creek* vessels in the Big Cypress Creek basin (Perttula 2005, ed.).

TYPE: Ripley Engraved, *var. Williams*

Figure 29. Ripley Engraved, *var. Williams* D-shaped bowl, Burial 3, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 4, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted and collared rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air); organic residue on the interior rim and body

HEIGHT (IN CM): 22.2

ORIFICE DIAMETER (IN CM): 18.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.1

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): 3.7 liters

DECORATION: There are smoothed over neck bands on the rim, as well as a broad grooved or incised line at the rim-body juncture. The vessel body has both vertical and diagonal brushing marks that extend to within 3.5 cm of the base (Figure 30).

TYPE: La Rue Neck Banded

Figure 30. La Rue Neck Banded jar, Burial 4, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 4, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four broad rim peaks

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: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.5; 10.2 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 21.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has a series of excised pendant triangles around the rim. The rim peak has a negative horizontal S-shaped element formed from the excision of the rim peak (Figure 31). The S-shaped element is also a feature of Ripley Engraved, *var. Gandy* vessels.

TYPE: Turner Engraved, *var. Horton*

Figure 31. Turner Engraved, *var. Horton* compound bowl, Burial 4, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 4, Pot 3

NON-PLASTICS: grog

VESSEL FORM: 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); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 2.7

ORIFICE DIAMETER (IN CM): 7.3

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

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.08 liters

DECORATION: Plain

TYPE: Undetermined plain ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, Pot 1

NON-PLASTICS: grog

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-brown (5YR 4/3)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 7.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 24.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.5

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 3.8 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has three sets of nested triangles and semi-circles. The innermost semi-circle in each set has triangular tick marks, as does the outer triangular engraved line of the nested triangles. The innermost nested triangle in each set has excised corners and/or ovals. The upper scroll fill zones are triangles with tick marks (Figure 32). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 32. Ripley Engraved, *var. Cash* compound bowl, Burial 5, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar; there are glauconite clay deposits in the vessel

RIM AND LIP FORM: missing

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): 7.2 mm, rim; 8.3 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): 6.2

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel body has four sets of applied chevrons separated by four sets of vertical applied ridges.

TYPE: Harleton Appliqued

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks

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, body, and base

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.4; 9.5 cm at rim peaks

ORIFICE DIAMETER (IN CM): 13.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.2

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.9 liters

DECORATION: The upper rim panel is plain, as are the rim peaks. The lower rim panel has a single horizontal engraved line with long and narrow excised pendant triangles at the top of the panel, as well as a second horizontal engraved line at the base of the lower panel (Figure 33). A white clay pigment has been rubbed in the engraved/excised lines.

TYPE: Turner Engraved, *var. unspecified* or *var. Turner?*

Figure 33. Turner Engraved, *var. unspecified* compound bowl, Burial 5, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, 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: dark gray (10YR 4/1)

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 on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 17.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.7

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.74 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circle has within it a smaller circle with excised rays or large tick marks (Figure 34). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 34. Ripley Engraved, *var. Galt* carinated bowl, Burial 5, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Bottle with a slightly flaring 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 gray (10YR 3/1)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 27.6

ORIFICE DIAMETER (IN CM): 5.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.3; maximum body diameter is 20.8 cm

BASE DIAMETER (IN CM): 10.2

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The vessel body has four sets of curvilinear scrolls whose upper and lower arms circle around each other and meet at a large central circle. That central circle also has a small central dot within it. The arms of the scroll begin from upper and lower body hatched triangles and have widened and excised arms on either side of the central engraved circle (Figure 35); one of these triangles has a single hatched pendant triangle within it.

TYPE: Wilder Engraved, *var. Wilder*

Figure 35. Wilder Engraved, *var. Wilder* bottle from Burial 5, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, Pot 7

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: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.2 mm, rim; 7.4 mm, body; 9.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.6

BASE DIAMETER (IN CM): 10.6

ESTIMATED VOLUME (IN LITERS): 3.8 liters

DECORATION: The rim has a scroll motif repeated four times around the vessel. The scrolls are separated by excised bracket elements (Figure 36), rather than negative S-shaped dividers.

TYPE: Ripley Engraved, *var. Gandy*

Figure 36. Ripley Engraved, *var. Gandy* carinated bowl, Burial 5, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, 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: strong brown (7.5YR 4/6); fire clouding on the body

EXTERIOR SURFACE COLOR: strong brown (7.5YR 4/6); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.9 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 30.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.9

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times around the vessel. The circle element consists of three increasingly larger circles; the second and middle circle has excised rays on it. The nested triangle element includes negative ovals and excised brackets; the large central negative oval has a central spur or dashed line. The opposing scroll fill zones are two smaller triangle elements with excised columns and rectangles (Figure 37). A white clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 37. Ripley Engraved, var. Cash carinated bowl, Burial 5, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 5, Pot 9

NON-PLASTICS: 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: light yellowish-brown (10YR 6/4); 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): 7.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 9.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.4

BASE DIAMETER (IN CM): 4.8

ESTIMATED VOLUME (IN LITERS): 0.52 liters

DECORATION: The rim has horizontal brushing marks, while the vessel body has both vertical, diagonal, and opposing brushing marks that extend to the vessel base (Figure 38).

TYPE: Winfield Brushed

Figure 38. Winfield Brushed jar, Burial 5, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip; organic residue on the exterior body and rim

HEIGHT (IN CM): 23.5

ORIFICE DIAMETER (IN CM): 22.3

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

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 4.7 liters

DECORATION: Horizontal brushing on the rim and the body (Figure 39). The brushing extends to within 5.0 cm of the vessel base.

TYPE: Winfield Brushed

Figure 39. Winfield Brushed jar, Burial 6, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, Pot 2

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Bottle with a straight to flaring neck near the lip

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, neck

INTERIOR SURFACE TREATMENT: burnished on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 24.5

ORIFICE DIAMETER (IN CM): 5.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.9; 16.0 cm maximum body diameter

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 0.93 liters

DECORATION: The top of the vessel body has three horizontal engraved lines; the lowermost line has alternating small hatched pendant triangles and cross-hatched pendant rectangles. The body has curvilinear scrolls whose arms curve around each other and meet at a small central excised circle (Figure 40). The upper and lower arms of the scrolls begin at the apex of upper and lower triangular elements. There are widened excised areas on each arm of the scroll, opposite the central excised circle.

TYPE: Wilder Engraved, *var. Wilder*

Figure 40. Wilder Engraved, *var. Wilder* bottle, Burial 6, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, Pot 3

NON-PLASTICS: grog

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: very dark grayish-brown (10YR 3/2); fire clouding on the rim and body; organic residue on the rim and body

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim; 5.8 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: The rim is horizontally brushed, and there are also four sets of two vertically aligned applied nodes under each rim peak. The vessel body has four vertical applied fillets that extend to within 2.5 cm of the base. Within each panel created by the applied fillets are upper and lower incised triangles; the apex of the triangles meet in the center of the panel (Figure 41).

TYPE: cf. Pease Brushed-Incised

Figure 41. cf. Pease Brushed-Incised jar, Burial 6, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, 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: yellowish-brown (10YR 5/4); organic residue at the lip

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4); organic residue on the rim and body, as well as on the lip

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

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.2

ORIFICE DIAMETER (IN CM): 22.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.5

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim has four sets of large engraved circles that have smaller engraved diamonds within them, similar to that element as seen on Ripley Engraved, *var. McKinney* vessels (see Thurmond 1990:Figure 6a), but this vessel does not have engraved pendant triangles. Rather, there are upper and lower rectangular engraved fill zones on either side of the large engraved circles, and a single horizontal engraved lines connecting the sets of engraved circles (Figure 42).

TYPE: Ripley Engraved, *var. unspecified*

Figure 42. Ripley Engraved, *var. unspecified* carinated bowl, Burial 6, Pot 4.

SITE NAME OR SITE NUMBER: Johns

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: 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

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 28.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.9

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 1.8 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The central element in the motif is a large engraved circle, with a smaller excised circle within it (Figure 43). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

Figure 43. Ripley Engraved, *var. McKinney* carinated bowl, Burial 6, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, Pot 6

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted and interior beveled rim

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): 5.8 mm, rim; 6.2 mm, body; 6.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 27.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.1

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 0.97 liters

DECORATION: The inverted rim has nine narrow and oval-shaped engraved panels divided by broad cross-hatched engraved brackets. Each oval panel has a smaller cross-hatched and centrally-placed oval element within it (Figure 44).

TYPE: cf. Simms Engraved

Figure 44. cf. Simms Engraved carinated bowl, Burial 6, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, Pot 7

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: very dark grayish-brown (10YR 3/2); organic residue on the rim

EXTERIOR SURFACE COLOR: brown (10YR 4/3); fire clouding on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lowermost part of the body

HEIGHT (IN CM): 14.7

ORIFICE DIAMETER (IN CM): 13.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has four rows of tool punctations. The vessel body has closely-spaced vertical incised lines that begin at the rim-body juncture and end 2.5 cm above the vessel base (Figure 45).

TYPE: Undetermined utility ware

Figure 45. Punctated-incised jar, Burial 6, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 6, Pot 8

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

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: black (10YR 2/1); organic residue on the rim

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.1

ORIFICE DIAMETER (IN CM): 21.2

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

BASE DIAMETER (IN CM): 7.8

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times on the vessel. Each of the large circles (either within the nested triangle or between the nested triangles) have smaller circles within them, with small triangles and hatched triangles pendant from the outermost circle. The nested triangles have small hatched pendant triangles. There are also sets of hatched triangular elements between the nested triangles and large circles (Figure 46).

TYPE: Ripley Engraved, *var. Cash*

Figure 46. Ripley Engraved, *var. Cash* carinated bowl, Burial 6, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 7, 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)

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: The rim has an engraved horizontal interlocking scroll repeated four times around the vessel. The scroll dividers and the interlocking elements are cross-hatched brackets (Figure 47). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Pilgrims*

Figure 47. Ripley Engraved, *var. Pilgrim's* carinated bowl, Burial 7, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 7, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

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

CORE COLOR: E (incompletely oxidized during firing)

INTERIOR SURFACE COLOR: light brown (7.5YR 6/4)

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

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.1

BASE DIAMETER (IN CM): 5.9

ESTIMATED VOLUME (IN LITERS): 0.82 liters

DECORATION: The rim has four sets of simple horizontal engraved scrolls, with small rectangular upper and lower fill zones. Each scroll is divided by two narrow excised brackets, one of which resembles a not well-developed vertical S-shaped element (Figure 48). A red clay pigment has been rubbed in the engraved lines.

TYPE: Undetermined fine ware, cf. Ripley Engraved

Figure 48. Undetermined engraved carinated bowl, Burial 7, Pot 2

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 7, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar; organic residue on the exterior rim, lip, and body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 24.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.9

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has a series of closely-spaced opposed diagonal incised lines forming alternating triangles, and there is a single row of tool punctations at the top of the rim and above the incised lines. The vessel body has a series of vertical applied fillets that begin near the rim-body juncture and extend to within 12.5 cm of the vessel base (Figure 49).

TYPE: Undetermined utility ware

Figure 49. Incised-punctated-applied jar, Burial 7, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 7, 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: brown (10YR 5/3); fire clouding on the rim, body, and base

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base

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

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

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 16.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.9

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The rim has an engraved pendant triangle motif (Thurmond 1990:Figure 6a) repeated four times around the vessel. The central elements include two alternating circles and diamonds. The circle and diamond elements both have excised circles with rays within them (Figure 50). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

Figure 50. Ripley Engraved, *var. McKinney* carinated bowl, Burial 7, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 7, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Elongated bottle with a short and 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): 4.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 26.5

ORIFICE DIAMETER (IN CM): 4.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.8; 15.0 cm maximum body diameter

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.85 liters

DECORATION: There are two horizontal engraved lines at the top of the vessel body. The remainder of the vessel body has three engraved panels filled with four increasingly larger circles. The innermost and smallest circle is filled with cross-hatching, and the third circle has elongated tick marks on it. Each panel is divided by brackets with upper and lower open triangles, vertical engraved lines extending from their apex, and a central small bracket partially filled with a series of closely-spaced and short horizontal engraved lines (Figure 51).

TYPE: Undetermined fine ware, cf. Poynor Engraved?

Figure 51. Undetermined engraved bottle, Burial 7, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 8, Pot 1

NON-PLASTICS: 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); organic residue on the rim

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

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

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.7

ORIFICE DIAMETER (IN CM): 16.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.4

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.77 liters

DECORATION: Plain (Figure 52)

TYPE: Undetermined plain ware

Figure 52. Plain carinated bowl, Burial 8, Pot 1

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 8, Pot 2

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

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 20.0

ORIFICE DIAMETER (IN CM): 4.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 13.0 cm maximum body diameter

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 0.70 liters

DECORATION: There are three horizontal engraved lines at the top of the vessel body. Below these lines are two curvilinear scrolls, repeated four times around the vessel, whose arms circle each other, and then meet at a small central hatched circle. The scroll arms have widened excised or hatched areas opposite the central hatched circle. Each scroll arm begins at the apex of upper and lower triangular elements (Figure 53).

TYPE: Wilder Engraved, *var. Wilder*

Figure 53. Wilder Engraved, *var. Wilder* bottle, Burial 8, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 8, Pot 3

NON-PLASTICS: bone and grog

VESSEL FORM: Jar with four rim peaks and four applied lug handles (Figure 54)

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)

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.2

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has three rows of tool punctations. The vessel body has four sets of large incised triangles that have opposed diagonal and nested diamond-shaped incised elements within the incised triangles. The incised lines extend to within 2.5 cm of the vessel base (Figure 54).

TYPE: Undetermined utility ware

Figure 54. Punctated-incised jar, Burial 8, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 8, 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: light yellowish-brown (10YR 6/4); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: brown (7.5YR 5/3); fire clouding on the rim and body; organic residue on the rim and upper body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim; 7.8 mm, body; 13.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.5

BASE DIAMETER (IN CM): 9.2

ESTIMATED VOLUME (IN LITERS): 5.2 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. The outer engraved line on both the upper and lower scroll fill zones has triangular tick marks. The scrolls are divided by four cross-hatched vertical columns (Figure 55). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 55. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 8, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 9, Pot 1

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 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): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.1

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The rim has an engraved bisected diamond motif repeated five times around the vessel. Each bisected diamond motif is in a panel defined by vertical engraved lines at the panel margins. Within the panel is a single large triangle element with a smaller triangle or diamond within it. The larger triangle element has a single spur or line extending from its apex (Figure 56). There is also an interior engraved line at the vessel carination and around the base.

TYPE: Ripley Engraved, *var. Reed*

Figure 56. Ripley Engraved, *var. Reed* carinated bowl, Burial 9, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 9, 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: strong brown (7.5YR 5/6); fire clouding on the rim, lower body, and base

EXTERIOR SURFACE COLOR: brown (7.5YR 4/4); fire clouding on the rim, body, and base; organic residue 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: burnished

HEIGHT (IN CM): 13.6

ORIFICE DIAMETER (IN CM): 25.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.0

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. The central circles each have a smaller excised circle with excised rays within them. The upper and lower scroll fill zones have negative ovals with a single vertical spur element, as well as rectangular fill areas (Figure 57). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 57. Ripley Engraved, *var. Galt* carinated bowl, Burial 9, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 9, Pot 3

NON-PLASTICS: bone; sandy paste

VESSEL FORM: Bottle with a short 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: black (10YR 2/1)

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

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.4

ORIFICE DIAMETER (IN CM): 3.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.3; 7.7 cm maximum body diameter

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.23 liters

DECORATION: The engraved design elements are badly eroded on the vessel body. All that is visible are several panels (separated by vertical engraved lines) filled with either alternating triangles and semi-circles; semi-circles and rectangles; and a hatched vertical ladder (Figure 58).

TYPE: Undetermined fine ware, possibly Johns Engraved?

Figure 58. Undetermined engraved bottle, Burial 9, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 9, Pot 4

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 grayish-brown (10YR 3/2)

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.6 mm, rim; 7.2 mm, body; 10.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.8

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has vertical brushing marks, as well as two rows of tool punctations pushed through the brushing: the first row is under the rim and the second is at the rim-body juncture. The vessel body has vertical brushing marks that extend to just above the base (Figure 59).

TYPE: Winfield Brushed

Figure 59. Winfield Brushed jar, Burial 9, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 9, Pot 5

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: dark yellowish-brown (10YR 4/6)

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

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

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.3

ORIFICE DIAMETER (IN CM): 11.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.9

BASE DIAMETER (IN CM): 5.3

ESTIMATED VOLUME (IN LITERS): 0.45 liters

DECORATION: The rim has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones are filled with elements that resemble engraved arrow points (filled with hatched lines) with short and square stems (Figure 60). In one of the motifs, one of these engraved arrow point elements is triangular in shape and lacks the short stem.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 60. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 9, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 10, Pot 1

NON-PLASTICS: grog; sandy paste

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 neck, body, and base

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

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 20.7

ORIFICE DIAMETER (IN CM): 4.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 13.2 cm is the maximum body diameter

BASE DIAMETER (IN CM): 8.8

ESTIMATED VOLUME (IN LITERS): 0.73 liters

DECORATION: The vessel body has four panels filled with large engraved circles. Inside each circles is a smaller central and negative circle with excised triangles or rays. Above and below each of the large circles are excised rectangular areas. The large circles are divided by upper and lower triangle elements. These triangle elements have excised ovals with internal spurs and long excised rays that extend from the apex of each triangle, but do not connect with one another (Figure 61).

TYPE: Ripley Engraved, *var. unspecified*

Figure 61. Ripley Engraved, var. unspecified bottle, Burial 10, Pot 1.

SITE NAME OR SITE NUMBER: Johns

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: 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 body

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.0

ORIFICE DIAMETER (IN CM): 10.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.9

BASE DIAMETER (IN CM): 4.4

ESTIMATED VOLUME (IN LITERS): 0.25 liters

DECORATION: The rim has engraved alternating semi-circles and horizontal diamonds repeated three times around the vessel. Each semi-circle has a smaller semi-circle within

it, and the horizontal diamond elements each have a smaller horizontal diamond within them (Figure 62).

TYPE: Ripley Engraved, *var. unspecified*

Figure 62. Ripley Engraved, *var. unspecified* carinated bowl, Burial 10, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 10, Pot 3

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with tall rim (Figure 63)

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: yellowish-brown (10YR 5/6); 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: smoothed

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 13.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.7

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: Plain (Figure 63)

TYPE: Undetermined plain ware

Figure 63. Plain jar, Burial 10, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 10, Pot 4

NON-PLASTICS: coarse 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: black (10YR 2/1)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.0 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim and the vessel body have panels of irregularly-spaced vertical incised lines. They are divided by a single, but partly smoothed over, horizontal incised line at the rim-body juncture, and there is a second horizontal incised line under the vessel rim. The vertical incised lines on the body end 2.5 cm above the base (Figure 64).

TYPE: Undetermined utility ware

Figure 64. Incised jar, Burial 10, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 10, Pot 5

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: black (10YR 2/1); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.6

ORIFICE DIAMETER (IN CM): 16.5

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

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 0.55 liters

DECORATION: The vessel has an engraved horizontal interlocking scroll motif repeated twice around the vessel; there are two horizontal engraved lines encircling the rim as well as two horizontal engraved lines encircling the vessel base. The interlocking brackets on the scrolls include both sets of vertical engraved lines as well as negative and backward S-shaped elements, two on each scroll. The scroll dividers include negative S-shaped and backward S-shaped elements, with two sets on the vessel (Figure 65).

TYPE: Ripley Engraved, *var. unspecified*

Figure 65. Ripley Engraved, *var. unspecified* bowl, Burial 10, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 1

NON-PLASTICS: bone

VESSEL FORM: Jar; organic residue on the rim (interior/exterior surfaces) and the body (exterior surface)

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 24.1

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.4

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 6.0 liters

DECORATION: The rim is horizontally brushed, with three rows of tool punctations pushed through the brushing; one row is under the lip, a second is at the rim-body juncture, and the third row is midway down the rim. On the vessel body are diagonal and overlapping brushing marks that extend to within 3.0 cm of the base (Figure 66).

TYPE: Undetermined utility ware

Figure 66. Brushed-punctated jar, Burial 11, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 3

NON-PLASTICS: grog and bone

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); fire clouding on the base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim; 7.4 mm, body; 6.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 15.0

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.72 liters

DECORATION: Plain (Figure 67)

TYPE: Undetermined plain ware

Figure 67. Plain bowl, Burial 11, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 4a

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.4

ORIFICE DIAMETER (IN CM): 24.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.6

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 2.9 liters

DECORATION: The rim has five upper and lower sets of large hatched pendant triangles, divided by large engraved squares. Two of the engraved squares have a smaller square within it, connected to the larger square by lines radiating in six directions. The other three engraved squares have a small central circle within them, the circle being connected to the square by four short engraved lines radiating in the cardinal directions (Figure 68).

TYPE: Ripley Engraved, *var. unspecified*

Figure 68. Ripley Engraved, *var. unspecified* carinated bowl, Burial 11, Pot 4a.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 4b

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)

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.9

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 0.8 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times around the vessel. Each of the circles have a very small centrally-placed open circle

within it. The nested triangle element has an engraved oval within it, and the scroll fill zones above the nested triangles have excised brackets and narrow near-vertical columns (Figure 69). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 69. Two rim sherds from a Ripley Engraved, *var. Cash* carinated bowl, Burial 11, Pot 4b.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 5

NON-PLASTICS: bone and 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): 5.4 mm, rim; 6.2 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.9

ORIFICE DIAMETER (IN CM): 14.0

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

BASE DIAMETER (IN CM): 5.6

ESTIMATED VOLUME (IN LITERS): 0.88 liters

DECORATION: The upper rim panel has two centrally-placed and closely-spaced horizontal engraved lines. The lower panel has nine large hatched pendant triangles, each separated from the other by a single short vertical engraved line.

TYPE: Turner Engraved, *var. Turner*

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 6

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); organic residue

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); organic residue; fire clouding

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, rim; 7.2 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 13.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.2

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim is plain. The vessel body has four sets of large appliqued triangles pendant from the rim-body juncture, and each of the appliqued triangles has rows of large circular punctations on it. From the apex of each appliqued triangle is a single vertical appliqued ridge that extends towards the vessel base (Figure 70).

TYPE: Undetermined utility ware

Figure 70. Appliqued-punctated jar, Burial 11, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Shallow bowl (Figure 71)

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 and 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): 4.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 1.9

ORIFICE DIAMETER (IN CM): 7.0

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

BASE DIAMETER (IN CM): 4.3

ESTIMATED VOLUME (IN LITERS): 0.05 liters

DECORATION: The rim and body has an engraved alternate nested triangle motif repeated four times around the vessel: this consists of four upper and lower triangles. The nested triangles themselves have different elements within them, including negative ovals, one hatched corner, excised corners, negative ovals with spurs or short lines, and negative ovals bisected by a vertical engraved line (Figure 71).

TYPE: Ripley Engraved, *var. Williams*

Figure 71. Ripley Engraved, var. Williams shallow bowl, Burial 11, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Squat bottle with a straight to slightly flaring 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: very dark gray (10YR 3/1)

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

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

INTERIOR SURFACE TREATMENT: none

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

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.2; maximum body diameter is 7.8 cm

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.24 liters

DECORATION: There are six sets of engraved bird bodies and heads on the vessel body, each upside down with the head (with a single eye and a beak) resting on the lower part of the body panel. Between each of the engraved heads are engraved circles (with a smaller circle within it, resembling the eyes of the birds), and curvilinear hatched areas, some with hooked engraved lines that wrap around or connect with the bird beak and body. Within each of the bird bodies, and pendant from the neck, are engraved triangles with hatched or cross-hatched corners and a small central circle or bird eye (Figure 72).

TYPE: Johns Engraved

Figure 72. Johns Engraved bottle, Burial 11, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, Pot 11

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

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.3

ORIFICE DIAMETER (IN CM): 17.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.3

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The upper and narrow rim panel has three horizontal engraved lines. The lower and broader rim panel has an engraved scroll and semi-circle motif repeated five times around the vessel (Figure 73).

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

Figure 73. cf. Ripley Engraved, *var. Caldwell* compound bowl, Burial 11, Pot 11.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 11, No Pot #

NON-PLASTICS: grog

VESSEL FORM: Deep 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): 15.8

ORIFICE DIAMETER (IN CM): 25.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.4

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 3.6 liters

DECORATION: The rim has an engraved horizontal scroll and circle motif repeated four times around the vessel. One of the large central circles has crossed arms and hatched triangles within it; another has a smaller circle with excised triangles/rays within it; and two of the central circles have excised pendant triangles on the outer circle and the inner circle has crossed arms and hatched triangles (Figure 74).

TYPE: Ripley Engraved, *var. unspecified*

Figure 74. Ripley Engraved, *var. unspecified* carinated bowl, Burial 11, No Pot #.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, 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)

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 12.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.6

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: There are four horizontal rows of neck banding on the rim, along with a single row of small circular punctations below the lip. The row of punctations also has four interspersed small applied nodes (Figure 75).

TYPE: La Rue Neck Banded

Figure 75. La Rue Neck Banded jar, Burial 12, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar with two rim peaks and two broad strap handles

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): 5.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 11.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 0.71 liters

DECORATION: The rim has vertical brushing, with a row of tool punctations at the rim-body juncture. The vessel body features an applied ridge motif of scrolls and five circles. Each large applied circle has a very large applied node within it. Above the applied scroll and circles, the vessel body has diagonal brushing marks, and below the applied scroll and circles, the brushing is vertical in orientation to within 2 cm of the base (Figure 76). Each of the strap handles is decorated with four vertical pinched rows.

TYPE: Undetermined utility ware, cf. Harleton Appliqued

Figure 76. cf. Harleton Appliqued jar with strap handles, Burial 12, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated 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 5/3); fire clouding on the base

EXTERIOR SURFACE COLOR: brown (7.5YR 5/2); fire clouding on the rim and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.38 liters

DECORATION: The rim has an engraved scroll and circle motif repeated three times around the rim. The central circle has a smaller internal circle with crossed engraved lines within it (Figure 77). There is also an interior engraved line at the carination point.

TYPE: Ripley Engraved, *var. Galt*

Figure 77. Ripley Engraved, *var. Galt* carinated bowl, Burial 12, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, Pot 5

NON-PLASTICS: grog and a small amount of bone

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: light reddish-brown (5YR 6/4); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.2 mm, rim; 7.8 mm, body; 9.1 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 4.6 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. Each scroll is separated from the other by a single vertical engraved line. The upper and lower scroll fill zones consist of ovals defined by excised lines and zones as well as a hooked arm scroll element.

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

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Jar or globular bowl

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 10.5

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.50 liters

DECORATION: The rim has two broadly-spaced horizontal engraved lines. The vessel body has three repeating curvilinear engraved scrolls with arms that hook around each other, and eventually intersect; there is no central circle at the intersection point, however, as on Wilder Engraved, *var. Wilder* vessels. The arms of the scrolls are widened with cross-hatched and excised fill areas. Each of the arms of the scrolls originate from the apex of large upper and lower triangles with cross-hatched or excised corners and negative ovals (Figure 78). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. unspecified*

Figure 78. Wilder Engraved, *var. unspecified* jar, Burial 12, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, Pot 7

NON-PLASTICS: 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)

HEIGHT (IN CM): 21.2

ORIFICE DIAMETER (IN CM): 5.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.3; 17.8 cm is the maximum body diameter

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.72

DECORATION: There are two horizontal engraved lines on the body below the bottle neck, and a third engraved line above the base. Between them are four sets of curvilinear engraved scrolls with hooked arms that meet in a small central and open circle. That small circle has an excised dot at its center. There are excised and cross-hatched widened areas adjacent to the central circle on each arm of the scroll. The scrolls originate from the apex of upper and lower triangles (Figure 79). The triangles have cross-hatched engraved corners.

TYPE: Wilder Engraved, *var. Wilder*

Figure 79. Wilder Engraved, *var. Wilder* bottle, Burial 12, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 12, Pot 8

NON-PLASTICS: grog and bone

VESSEL FORM: Deep bowl (Figure 80)

RIM AND LIP FORM: Direct but interior thinned 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 body and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.8

ORIFICE DIAMETER (IN CM): 15.0

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

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 0.77 liters

DECORATION: Plain (Figure 80)

TYPE: Undetermined plain ware

Figure 80. Plain deep bowl, Burial 12, Pot 8

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a flaring neck and a squat, almost carinated, body

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): 5.5 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 20.2

ORIFICE DIAMETER (IN CM): 5.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.7; 14.5 cm maximum body diameter

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The vessel body has five upside down engraved bird heads and bodies that are pendant from the top of the vessel body, with small circles for eyes and a cross-hatched beak. Each bird head/body is separated from the others by curvilinear hatched or cross-hatched hooked arms and rectangular-shaped cross-hatched areas within the arms. The bird bodies have a single cross-hatched triangle within them, also pendant from the top of the vessel body, and there are in addition small cross-hatched rectangles in the narrow connecting zone between each of the engraved bird elements (Figure 81).

TYPE: Johns Engraved

Figure 81. Johns Engraved bottle, Burial 13, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, Pot 2

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: pale brown (10YR 6/3); fire clouding on the rim and body

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.5 mm, rim; 7.2 mm, body; 10.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 24.0

ORIFICE DIAMETER (IN CM): 24.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.0

BASE DIAMETER (IN CM): 10.5

ESTIMATED VOLUME (IN LITERS): 5.2 liters

DECORATION: The rim has horizontal brushing marks, and the body has vertical brushing marks that extend to just above the vessel base (Figure 82).

TYPE: Winfield Brushed

Figure 82. Winfield Brushed jar, Burial 13, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, Pot 3

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: 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): 6.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER (IN CM): 13.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.47 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The large central circles each have a small inner swastika-in-circle element (Figure 83). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 83. Ripley Engraved, *var. Galt* carinated bowl, Burial 13, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and 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 body and base

EXTERIOR SURFACE COLOR: brown (7.5YR 5/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.5 mm, rim; 6.1 mm, body; 6.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 17.0

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

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.73 liters

DECORATION: Plain

TYPE: Undetermined plain ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, 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)

HEIGHT (IN CM): 14.2

ORIFICE DIAMETER (IN CM): 21.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.5

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 2.7 liters

DECORATION: The rim has an engraved continuous scroll motif repeated six times around the vessel. The upper and lower scroll fill zones have a cross-hatched triangle element, a single short vertical engraved line, and an oval-shaped element with a short dashed line or spur within it (cf. Thurmond 1990:Figure 6d-e, h) (Figure 84). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 84. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 13, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, Pot 6a/6b

NON-PLASTICS: Pot 6a: grog; sandy paste; Pot 6b: grog and bone

VESSEL FORM: Compound vessel consisting of a jar (Pot 6a) welded to a shallow bowl (Pot 6b) (Figure 85).

RIM AND LIP FORM: Pot 6a: everted rim and rounded lip; Pot 6b: direct rim and a rounded lip

CORE COLOR: G (Pot 6a/6b), fired in a reducing environment and cooled in the open air

DECORATION: Pot 6a has approximately seven rows of tool punctations on the rim. The vessel body has five widely-spaced sets of vertical applied fillets, creating panels filled with vertical linear punctations. The lowermost part of the vessel, just above its juncture with Pot 6b, is horizontally brushed. Pot 6b is plain (Figure 85).

TYPE: Undetermined utility ware and plain ware

Figure 85. Conjoined punctated-applied-brushed jar and plain shallow bowl, Burial 13, Pots 6a/6b.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 13, Pot 7

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with a short rim

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): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the body

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 17.5

ORIFICE DIAMETER (IN CM): 14.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.7

BASE DIAMETER (IN CM): 9.3

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has two rows of tool punctations, divided by four short vertical applied fillets that reach up to the lip. The vessel body has four broad panels divided by vertical applied fillets that reach down to almost the vessel base, and the panels are filled with vertical brushing marks (Figure 86).

TYPE: Pease Brushed-Incised

Figure 86. Pease Brushed-Incised jar, Burial 13, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 14, Pot 2

NON-PLASTICS: 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)

HEIGHT (IN CM): 24.0

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.9

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.62 liters

DECORATION: There are three horizontal engraved lines below the bottle neck. Below those lines are four repeating sets of curvilinear scrolls with hooked arms that meet at a small central cross-hatched circle. There are widened cross-hatched areas opposite of the small central circle on each scroll arm. The scroll arms originate at the apex of upper and lower triangles; these have two cross-hatched corners (Figure 87). The scrolls are divided from one another by upper and lower triangles connected by a single vertical engraved line; these triangle elements also have two cross-hatched corners. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

Figure 87. Wilder Engraved, *var. Wilder* bottle, Burial 14, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 14, Pot 3

NON-PLASTICS: grog

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): 7.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.1

ORIFICE DIAMETER (IN CM): 19.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.9

BASE DIAMETER (IN CM): 9.3

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. The scrolls are divided by excised brackets, and the upper and lower scroll fill zones are also excised (Figure 88); in at least one instance, a bracket has a negative oval within it.

TYPE: Ripley Engraved, *var. Gandy*

Figure 88. Ripley Engraved, *var. Gandy* carinated bowl, Burial 14, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 14, 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: 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: light yellowish-brown (10YR 6/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.1

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): 0.60 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated three times around the vessel. Each circle has a small open inner circle within it. The nested triangles have excised corners and an oval-shaped element with a single spur or large

excised tick mark within it (Figure 89). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 89. Ripley Engraved, *var. Cash* carinated bowl, Burial 14, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 14, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

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: dark brown (7.5YR 3/3); fire clouding on the rim, body, and base

EXTERIOR SURFACE COLOR: dark brown (7.5YR 3/2); fire clouding on the rim, body, and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the upper rim panel; smoothed on the remainder of the exterior surface

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 15.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.3

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 0.8 liters

DECORATION: The upper rim panel has three broad horizontal engraved lines, one at the bottom of the panel that has been widened/grooved. The lower rim panel has eight sets of near-vertical to diagonal engraved lines between excised pendant triangles

attached to near vertical engraved lines (Figure 90). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

Figure 90. Turner Engraved, *var. Turner* compound bowl, Burial 14, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 14, 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: 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): 6.7 mm, rim; 8.8 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.0

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 3.5 liters

DECORATION: The rim has an engraved alternate nested triangle motif repeated four times around the vessel. Within the nested triangle is an excised negative oval. Opposite the triangle is a scroll with a hooked arm element as well as excised ovals and panels within a scroll fill zone (Figure 91). Each nested triangle is divided by excised brackets

that do not extend completely from the carination to the rim. A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 91. cf. Ripley Engraved, *var. Williams* carinated bowl, Burial 14, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 15, 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

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): 7.5 mm, rim; 7.0 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 19.5

ORIFICE DIAMETER (IN CM): 15.7

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

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 2.7 liters

DECORATION: The rim has a row of tool punctations under the lip and at the rim-body juncture. Between the punctated rows are five or more closely-spaced and poorly executed horizontal incised lines. The vessel body is divided into undecorated panels by four vertical applied fillets that extend from the rim-body juncture to the vessel base (Figure 92).

TYPE: Undetermined utility ware

Figure 92. Punctated-incised-appliqued jar, Burial 15, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 15, Pot 2

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)

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 18.5

ORIFICE DIAMETER (IN CM): 4.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.7; maximum body diameter is 12.5 cm

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.46 liters

DECORATION: The top of the vessel body has three horizontal engraved lines. Beneath these lines, the vessel body has four sets of upper and lower curvilinear scrolls whose arms encircle each other and meet at a swastika-in-circle element. Each arm of the scrolls had widened excised or cross-hatched areas opposite the central swastika-in-circle. The upper and lower scrolls begin from the apex of the large upper and lower triangular elements; there is also a small excised triangle within each one of the larger triangles (Figure 93). A red clay pigment was also rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

Figure 93. Wilder Engraved, *var. Wilder* bottle, Burial 15, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 15, 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: brown (10YR 4/3); fire clouding on the rim, body, and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 15.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.70 liters

DECORATION: The rim has a boldly executed engraved scroll and circle motif repeated four times around the vessel. The central circle element has an inner excised circle with five excised rays. The upper and lower scroll fill zones each have a single excised negative oval (Figure 94). A white kaolin clay pigment has been rubbed in the engraved lines and excised areas.

TYPE: Ripley Engraved, *var. Galt*

Figure 94. Ripley Engraved, var. *Galt* carinated bowl, Burial 15, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 15, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and 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

EXTERIOR SURFACE COLOR: very dark gray (10YR 3/1); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.2

ORIFICE DIAMETER (IN CM): 24.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.2

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): 1.6 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel; the apex of the upper pendant triangles point towards the rim, while the lower pendant triangles point toward the carination. The central element is an engraved diamond, with a smaller diamond within it (Figure 95). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, var. *McKinney*

Figure 95. Ripley Engraved, var. *McKinney* carinated bowl, Burial 15, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 15, 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

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: none

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 6.1

ESTIMATED VOLUME (IN LITERS): 0.59 liters

DECORATION: There are three rows of unsmoothed neck bands on the rim. The vessel body has closely- to widely-spaced vertical incised lines that extend from the rim-body juncture to the base (Figure 96).

TYPE: La Rue Neck Banded

Figure 96. La Rue Neck Banded jar, Burial 15, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

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

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

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.4 mm, rim; 7.7 mm, body; 9.1 mm, base

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

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 34.0

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

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and circle motif repeated four times around the vessel. The central circle elements each have a small open circle within them. The upper and lower scroll fill zones have two negative ovals outlined by cross-hatched brackets and triangles (Figure 97). A white kaolin clay pigment has been rubbed in the engraved lines.

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

Figure 97. cf. Ripley Engraved, *var. Galt* compound bowl, Burial 16, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 2

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: pale brown (10YR 6/3); fire clouding on the base

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 12.8

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

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.26 liters

DECORATION: The vessel has four sets of hooked engraved elements (cf. Turner 1978:86 and Figure 31e-e'), rather than the hooked beaks of engraved birds, otherwise the principal motif on Johns Engraved vessels. One hooked element has four horizontal engraved lines within it, while the others have within them a single horizontal engraved line as well as an engraved triangle with hatched corners (Figure 98).

TYPE: Johns Engraved

Figure 98. Johns Engraved bowl, Burial 16, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 3

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 body

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.3 mm, rim; 6.9 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 30.0

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 closely-spaced horizontal incised lines, while the vessel body has diagonal brushing marks.

TYPE: Undetermined utility ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, 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: 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 5/3); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.3 mm, rim; 6.2 mm, body; 9.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 18.0

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

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.81 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circle has five excised rays as well as a very small circle within it. The upper and lower scroll fill zones have negative ovals with small dash or spur marks (Figure 99). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 99. Ripley Engraved, *var. Galt* carinated bowl, Burial 16, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and 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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim; 6.9 mm, body; 10.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.6

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.70 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. Each of the central circles has within it a smaller circle with six curved rays (Figure 100).

TYPE: Ripley Engraved, *var. Galt*

Figure 100. Ripley Engraved, *var. Galt* carinated bowl, Burial 16, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 8

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: very pale brown (10YR 7/3); fire clouding on the base

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.2

ORIFICE DIAMETER (IN CM): 20.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.3

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): 0.87 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times around the vessel. The central circle element has a small circle and crossed lines within it. The nested triangles include two with negative ovals, each with a central dashed line or spur; a third with a series of negative ovals, one of which has a small central dashed line or spur; and a fourth with a single negative oval (Figure 101). The fill zones above the nested triangles and between the nested triangles and the central circle elements consist of paired triangles with a series of near vertical hatched or engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 101. Ripley Engraved, *var. Cash* carinated bowl, Burial 16, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 9

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bottle with a slightly flaring neck

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 4.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.1; 10.5 cm is the maximum body diameter

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.36 liters

DECORATION: The vessel body has four stacked curvilinear scrolls, two unadorned, one with hatched pendant triangles, and the last forming a scroll and circle motif; the circles have smaller excised circles and six rays within them. Above and below the stacked scrolls are four sets of engraved triangles with negative ovals formed by the hatching of the corners of the triangles (Figure 102). There are hatched pendant triangles on either side of the upper set of triangles and negative ovals, but not on the lower set.

TYPE: Ripley Engraved, *var. unspecified*

Figure 102. Ripley Engraved, *var. unspecified* bottle, Burial 16, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 10a

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: black (10YR 2/1)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim; 5.2 mm, body; 8.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

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): 7.5

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has three rows of neck banding as well as a row of tool punctations at the rim-body juncture. The vessel body has diagonal brushing marks, and vertical rows of tool punctations pushed through the brushing.

TYPE: La Rue Neck Banded

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 10b

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)

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 27.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.0

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 4.2 liters

DECORATION: The rim has an engraved scroll motif repeated three times around the vessel. In this case, the scroll motifs are back to back and outlined by cross-hatched areas or dividing brackets between the scrolls. Each scroll has a central scroll line that hooks around the upper and lower scroll fill zones. The fill zones have cross-hatched brackets and columns as well as sets of single vertical engraved lines (Figure 103).

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

Figure 103. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 16, Pot 10b.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 16, Pot 12

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a flat, 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): 7.0 mm, rim; 8.2 mm, body; 11.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.2

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.6

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 3.0 liters

DECORATION: The rim has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones have cross-hatched triangles and cross-hatched vertical panels, with a single vertical engraved line between them (Figure 104). There is a red slip on both interior and exterior vessel surfaces.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 104. Red-slipped Ripley Engraved, *var. Carpenter* carinated bowl, Burial 16, Pot 12.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, 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); fire clouding on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 5.9 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 27.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.6

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The rim has an engraved alternate nested triangle motif repeated eight times around the vessel, four with the apex of the triangle pointing towards the rim and four times with the apex pointing towards the carination. The nested excised triangles either have negative semi-circles or negative ovals with an internal dashed line or diagonal spur (Figure 105). There is also an interior engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. Williams*

Figure 105. Ripley Engraved, *var. Williams* carinated bowl, Burial 17, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, Pot 2

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: very dark grayish-brown (10YR 3/2); organic residue on the rim and body

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 16.5

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 2.7 liters

DECORATION: The rim has at least five or six irregular rows of tool punctations. The vessel body has vertical brushing marks that extend to within 2.0 cm of the base (Figure 106).

TYPE: Undetermined utility ware

Figure 106. Punctated-brushed jar, Burial 17, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, Pot 3

NON-PLASTICS: bone and grog

VESSEL FORM: Bowl; organic residue on exterior rim and body (Figure 107)

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): 12.8

ORIFICE DIAMETER (IN CM): 13.2

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

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.68 liters

DECORATION: Plain (Figure 107)

TYPE: Undetermined plain ware

Figure 107. Rim sherds from plain bowl, Burial 17, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, Pot 4

NON-PLASTICS: grog

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)

HEIGHT (IN CM): 25.5

ORIFICE DIAMETER (IN CM): 34.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 32.0

BASE DIAMETER (IN CM): 11.0

ESTIMATED VOLUME (IN LITERS): 6.9 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has 12 rectangles formed by excising, and each of these rectangles has a smaller open rectangular element within them. The larger rectangles are separated from each other by an excised vertical line (Figure 108).

TYPE: Undetermined fine ware

Figure 108. Undetermined engraved compound bowl, Burial 17, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, Pot 5

NON-PLASTICS: grog, hematite, and bone

VESSEL FORM: Bottle with a flaring neck and a globular body

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 neck and body

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 19.4

ORIFICE DIAMETER (IN CM): 4.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.4; 15.3 cm is the maximum body diameter

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The body of the vessel has two horizontal engraved lines below the neck as well as two horizontal engraved lines above the base. Between these lines are two arms (upper and lower) of a curvilinear scroll motif that wrap around each other and meet at a small hatched circle. The motif is repeated four times around the body. There are broadened areas of the scroll arms that are filled with cross-hatching. The arms of the scrolls begin at the apex of triangular elements, one or more corners of which are cross-hatched (Figure 109).

TYPE: Wilder Engraved, *var. Wilder*

Figure 109. Wilder Engraved, *var. Wilder* bottle, Burial 17, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, Pot 6

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 body and base

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

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.9

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.7

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): 0.76 liters

DECORATION: Plain (Figure 110)

TYPE: Undetermined plain ware

Figure 110. Plain carinated bowl, Burial 17, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 17, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

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

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

INTERIOR SURFACE COLOR: very pale brown (10YR 7/3)

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: smoothed

HEIGHT (IN CM): 4.7

ORIFICE DIAMETER (IN CM): 13.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.6

BASE DIAMETER (IN CM): 8.1

ESTIMATED VOLUME (IN LITERS): 0.38 liters

DECORATION: Plain (Figure 111)

TYPE: Undetermined plain ware

Figure 111. Plain carinated bowl, Burial 17, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Compound or stacked vessel: Bottle with a flaring neck and four body peaks atop a compound bowl with an everted rim (Figure 112).

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 bottle body and compound bowl body

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 22.0

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.3; maximum diameter on the bottle body is 12.9 cm; maximum diameter on the compound bowl is 12.8 cm

BASE DIAMETER (IN CM): 8.1

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The compound bowl (the lower part of the compound vessel) has two horizontal engraved lines on the upper rim panel. The lower rim panel has curvilinear engraved scrolls (Wilder Engraved, *var. Wilder*) that are repeated four times. The arms of the scrolls hook around each other and eventually meet. There are widened cross-hatched areas on either scroll arm. The scroll arms themselves originate from the apex of large upper and lower triangles with one cross-hatched corner (Figure 112).

The conjoined bottle (Ripley Engraved, *var. Ripley*), the upper part of the compound vessel, has three horizontal engraved lines below the neck. On the body itself it has adjacent engraved diamond and circle elements that are repeated four times around the vessel. The diamonds have a smaller diamond element with tick marks within it, and the circles have two smaller open circles within them; the outermost of these smaller circles also has tick marks (see Figure 112). Above each of the circle elements is a curvilinear to rectangular-shaped element with tick marks, and these curvilinear to rectangular engraved areas have a single small open rectangle within them.

TYPE: Ripley Engraved, *var. Ripley*-Wilder Engraved, *var. Wilder*

Figure 112. Compound vessel, a Wilder Engraved, *var. Wilder* compound bowl and a conjoined Ripley Engraved, *var. Ripley* bottle, Burial 18, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 2

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 (10YR 5/3); fire clouding on the body and base

EXTERIOR SURFACE COLOR: grayish-brown (10YR 5/2); fire clouding on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim; 6.2 mm, body; 8.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.4

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim has horizontal brushing marks while the body of the vessel has vertical brushing marks that extend to just above the vessel base (Figure 113).

TYPE: Winfield Brushed

Figure 113. Winfield Brushed jar, Burial 18, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 3

NON-PLASTICS: grog and 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)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

HEIGHT (IN CM): 9.3

ORIFICE DIAMETER (IN CM): 10.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.1

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.57 liters

DECORATION: There are two rims of neck banding on the rim, and other neck banded rows appear to have been smoothed over (Figure 114).

TYPE: La Rue Neck Banded

Figure 114. La Rue Neck Banded jar. Burial 18, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 4

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded and scalloped 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 body; organic residue on the body

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

INTERIOR SURFACE TREATMENT: smoothed on the rim

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.2

ORIFICE DIAMETER (IN CM): 16.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.8

BASE DIAMETER (IN CM): 8.2

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: The rim has vertical pinched rows. The vessel body has applied fillet diamonds and circles that are repeated twice each around the vessel (Figure 115). The applied diamonds have within them a panel of incised dashes, a second, smaller applied diamond, and within that a smaller incised diamond. The applied circles are attached to the diamonds by upper and lower applied scrolls. The large applied circles have within them a circular zone of incised dashes, a second smaller applied circle, and within that a dashed circle with a central dot.

TYPE: Harleton Appliqued

Figure 115. Harleton Appliqued jar, Burial 18, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 5

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl with four broad rim peaks

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): N/A

INTERIOR SURFACE TREATMENT: burnished on the upper rim panel

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.7; 10.5 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 21.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.7

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The rim peaks have excised negative ovals with a single dashed line or spur within the ovals. The lower rim panel has 16 large cross-hatched engraved pendant triangles separated from each other by alternating vertical or diagonal engraved lines (Figure 116). A white clay pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Horton*

Figure 116. Turner Engraved, *var. Horton* compound bowl, Burial 18, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, 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: brown (7.5YR 4/3)

EXTERIOR SURFACE COLOR: brown (7.5YR 5/3)

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the upper rim panel; smoothed

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 17.2

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

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.89 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has 10 alternating cross-hatched pendant triangles, separated by either short diagonal or short vertical engraved lines (Figure 117). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

Figure 117. Turner Engraved, *var. Turner* compound bowl, Burial 18, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 7

NON-PLASTICS: grog and hematite

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: yellowish-brown (10YR 5/4); fire clouding on the rim; organic residue on the rim

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.6 mm, rim; 7.6 mm, body; 6.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.3

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.82 liters

DECORATION: The rim has an engraved scroll motif repeated three times around the vessel. The scroll dividers are narrow brackets with excised areas. The scroll fill zones have negative ovals, S-shaped elements, and other negative ovals that have small central dashes or spurs within them (Figure 118). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

Figure 118. Ripley Engraved, *var. Gandy* carinated bowl, Burial 18, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted 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): 6.2 mm, rim; 8.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.5

ORIFICE DIAMETER (IN CM): 17.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.3

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The upper rim panel has two widely-spaced horizontal engraved lines. The lower rim panel has nine cross-hatched engraved pendant triangles (with alternating apex directions), each separated from the other by a single short vertical engraved line (Figure 119). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

Figure 119. Turner Engraved, *var. Turner* compound bowl, Burial 18, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 9

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: dark grayish-brown (10YR 4/2); fire clouding on the rim and base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 7.7 mm, body; 10.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.86 liters

DECORATION: The rim and body have poorly executed and closely-spaced incised lines, perhaps simulating brushing. The incised lines on the rim are horizontal in orientation, and vertical on the vessel body (Figure 120).

TYPE: Undetermined utility ware

Figure 120. Incised jar, Burial 18, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 10

NON-PLASTICS: bone and 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); fire clouding

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding and organic residue

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.0 mm, body; 7.9 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 17.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an incised scroll motif repeated four times around the vessel (Figure 121).

TYPE: Undetermined incised ware, cf. Ripley Engraved motif executed with incised lines

Figure 121. Incised carinated bowl with a cf. Ripley Engraved scroll motif, Burial 18, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 11

NON-PLASTICS: grog

VESSEL FORM: Carinated 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: yellowish-red (5YR 5/6)

EXTERIOR SURFACE COLOR: yellowish-red (5YR 5/6); organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 26.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.1

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 3.8 liters

DECORATION: The rim has upper and lower horizontal hatched ladders or bands that are connected by nine vertical or near vertical hatched ladders and one hatched triangle element (Figure 122). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Undetermined fine ware

Figure 122. Undetermined engraved carinated bowl, Burial 18, Pot 11.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 12

NON-PLASTICS: grog

VESSEL FORM: Chalice (i.e., compound bowl joined to a pedestal base) with four rim peaks (Figure 123)

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: grayish-brown (10YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.4 mm, rim; 15.7 mm, pedestal base

INTERIOR SURFACE TREATMENT: smoothed

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

HEIGHT (IN CM): 12.2; 13.0 cm at the rim peaks; the pedestal is 6.3 cm in height

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.9

BASE DIAMETER (IN CM): 7.5 (pedestal base diameter)

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The upper rim panel has three horizontal engraved lines. The rim peak is excised, with a large negative oval and a central dashed line or spur intruding into the

lower part of the oval. The lower rim panel has a series of small excised pendant triangles or tear drop-shaped elements (Figure 123). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Horton*

Figure 123. Turner Engraved, *var. Horton* chalice, Burial 18, Pot 12.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 14

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; a glauconite mass is within the vessel

RIM AND LIP FORM: Direct rim and a rounded and scalloped lip (Figure 124)

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): 4.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.3

ORIFICE DIAMETER (IN CM): 6.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.0

BASE DIAMETER (IN CM): 2.8

ESTIMATED VOLUME (IN LITERS): 0.13 liters

DECORATION: The rim has four engraved panels (defined by sets of vertical engraved lines) with alternating nested triangles. In each case, each panel has three nested triangles, two at opposite ends of the panel and the third either above or below the other end, and set so that its apex points between the two other nested triangles (Figure 124). The nested triangles are either excised, hatched on the corners, or have negative ovals.

TYPE: Ripley Engraved, *var. unspecified*

Figure 124. Ripley Engraved, *var. unspecified* carinated bowl, Burial 18, Pot 14.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 15

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl with a handle (i.e., ladle). The handle is 36 x 13 mm in length and width (Figure 125).

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); fire clouding on the rim and body

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.2

ORIFICE DIAMETER (IN CM): 6.0

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

BASE DIAMETER (IN CM): 3.8

ESTIMATED VOLUME (IN LITERS): 0.08 liters

DECORATION: There is one horizontal engraved line encircling the vessel, placed just above the base (Figure 125).

TYPE: Undetermined fine ware

Figure 125. Engraved ladle, Burial 18, Pot 15.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 16

NON-PLASTICS: grog

VESSEL FORM: Bottle with a flaring neck; square body in plan view with four body peaks (Figure 126)

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 7/4)

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/4)

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 19.5

ORIFICE DIAMETER (IN CM): 4.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.1; 12.3 cm maximum body diameter

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.66 liters

DECORATION: The upper part of the vessel body has three horizontal engraved lines. Below these lines, the vessel body has four sets of large engraved circles and adjacent diamonds, with engraved and excised semi-circular elements above and below the large central engraved circles (Figure 126). The body peaks are in the approximate center of each engraved circle, and there is a surrounding ticked semi-circle around the body peak. Each diamond has a central oblong engraved element with tick marks on it. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Ripley*

Figure 126. Ripley Engraved, *var. Ripley* bottle, Burial 18, Pot 16.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 18, Pot 17

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: gray (10YR 5/1)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.7 mm, rim; 6.9 mm, body; 7.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.5

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.0

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The rim has an engraved nested triangle, nested semi-circle, and circle motif repeated five times around the vessel. The central circles have within them a single small open circle. There are two nested triangle elements and three nested semi-circles. The nested triangles have a single small open triangle within them, while each of the nested semi-circles have small hatched triangles. There are engraved curvilinear zones above or below each of the larger nested elements, and these are either cross-hatched, hatched, or have narrow hatched columns (Figure 127). A white kaolin clay pigment has been rubbed in the engraved lines.

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

Figure 127. cf. Ripley Engraved, *var. Cash* carinated bowl, Burial 18, Pot 17.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Jar; organic residue on the interior body and exterior rim and body

RIM AND LIP FORM: Direct rim and a rounded lip

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

HEIGHT (IN CM): 28.0

ORIFICE DIAMETER (IN CM): 25.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.3

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 9.3 liters

DECORATION: There are three rows of neck bands on the rim. The vessel body has vertical and overlapping brushing marks that extend to within 8.5 cm of the base (Figure 128).

TYPE: La Rue Neck Banded

Figure 128. La Rue Neck Banded jar, Burial 19, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; organic residue on interior and exterior surfaces

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)

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.0

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 3.7 liters

DECORATION: The rim has an engraved alternate nested triangle motif repeated six times around the vessel; there are six triangles with their apex pointed towards the carination and six with their apex pointing towards the rim. Each nested triangle has excised and/or hatched corners as well as an excised hook or spur within it (Figure 129). There is also an interior horizontal engraved line at the vessel carination point.

TYPE: Ripley Engraved, *var. Williams*

Figure 129. Ripley Engraved, *var. Williams* carinated bowl, Burial 19, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

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

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.8

ORIFICE DIAMETER (IN CM): 14.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.7

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 0.42 liters

DECORATION: The rim has an engraved bisected diamond motif (see Thurmond 1990:Figure 6j) repeated four times around the vessel; each bisected diamond motif has four inner triangles (whose apexes meet in the center of the panel) filled with smaller engraved elements. Each motif is set in a panel defined by either vertical hatched, cross-hatched or excised zones (Figure 130).

Two of the bisected diamond motif panels have upper and lower triangles within them with negative ovals as well as excised or cross-hatched triangles in the two horizontal triangles. One of the panels has only three inner triangles, and two of these have a smaller inner cross-hatched triangle while the third has a smaller triangle with a negative oval within it. The last of the panels has four inner triangles, two with smaller cross-hatched triangles and two with negative ovals within them.

TYPE: Ripley Engraved, *var. Reed*

Figure 130. Ripley Engraved, *var. Reed* carinated bowl, Burial 19, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, 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: black (10YR 2/1); organic residue

EXTERIOR SURFACE COLOR: very pale brown (10YR 7/3); fire clouding on the base; organic residue

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 12.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.1

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim has two broadly-spaced horizontal incised lines, with a row of linear punctates on the side of the lip, a row of tool punctations between the incised lines, and a second row of tool punctations at the rim-body juncture (Figure 131). The body has six sets of applied fillet diamonds and triangles that alternate across the vessel, as well as incised diamonds and triangles within the applied elements. The applied fillets were set atop a brushed vessel body surface.

TYPE: cf. Harleton Appliqued

Figure 131. cf. Harleton Appliqued jar, Burial 19, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, 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: 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: grayish-brown (10YR 5/2)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 6.2 mm, body; 8.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 32.0

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

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 3.7 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the rim. The motif varies on this vessel because the upper and lower ends of each scroll end in engraved semi-circles. Inside each semi-circle is an excised circle with rays or star bursts. The motif dividers are negative backward S-shaped elements (Figure 132). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 132. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 19, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

CORE COLOR: A (fired and cooled in an oxidizing environment); fire clouding on the interior base and the exterior rim, body, and base

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): 11.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.4

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 0.31 liters

DECORATION: The rim has both engraved interlocking horizontal scroll and bisected diamond motifs. The interlocking horizontal scroll motif is repeated six times around the vessel, while the bisected diamond motif occurs only once on the rim. The bisected diamond motif includes a single bisected diamond with an interior hatched triangle as well as an oval-shaped element (an eye?) with a small internal hatched oval (Figure 133). The latter motif is separated from the horizontal scrolls by a vertical engraved line with upper and lower excised triangles.

TYPE: Ripley Engraved, *var. unspecified*

Figure 133. Ripley Engraved, *var. unspecified* carinated bowl, Burial 19, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 7

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: 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: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 22.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.4

BASE DIAMETER (IN CM): 8.6

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The upper rim panel has four sets of poorly executed engraved semi-circles, set between two horizontal engraved lines, divided by large excised pendant triangles and excised scroll fill zones. The lower rim panel has a single horizontal engraved line above the vessel carination (Figure 134). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Undetermined fine ware

Figure 134. Undetermined engraved compound bowl, Burial 19, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 8

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded and interior beveled 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 body and base

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 12.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.0

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.51 liters

DECORATION: The rim has an engraved alternate nested triangle motif repeated six times around the vessel. Each large nested triangle has a smaller triangle within it that contains a negative oval. Opposite the large nested triangles are small triangles with negative ovals (Figure 135). In addition to the alternate nested triangle motifs, there is a second motif that consists of an excised rectangle with an inner spur as well as adjacent scroll fill zones with negative ovals and inner dashed lines.

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

Figure 135. cf. Ripley Engraved, *var. Williams* compound bowl, Burial 19, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 9

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)

DECORATION: The rim includes engraved hooked arm scrolls (repeated twice) between two large opposing pendant triangles. One of these is filled with cross-hatched lines, and the other has an oval within it; the oval has several curvilinear engraved lines, one with a small triangular tick mark. The scroll fill zone includes a narrow hatched and cross-hatched curvilinear area and a pendant hatched rectangular area with small tick marks.

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

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 19, Pot 10

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with four body peaks (Figure 136)

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 neck and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.5 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.1; maximum body diameter of 8.7 cm

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.35 liters

DECORATION: There are three horizontal engraved lines on the vessel body below the neck. Below these lines is a scroll and circle motif repeated four times on the body, centered on the body peaks (Figure 136). The central circles have two inner engraved circles, one of which has large triangular tick marks on it. There are sets of two engraved triangles above and below and to the side of each circle element; these have one or two hatched or cross-hatched corners. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

Figure 136. Ripley Engraved, *var. unspecified* bottle, Burial 19, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 20, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar; organic residue on the interior rim and body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 18.0

ORIFICE DIAMETER (IN CM): N/A

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

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has three rows of linear punctations. The vessel body has panels delimited by six vertical applied fillets that extend to just above the base. Each panel is filled with vertical rows of linear punctations (Figure 137).

TYPE: Undetermined utility ware

Figure 137. Rim and body sherds from punctated jar, Burial 20, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 20, 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)

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 3.4 liters

DECORATION: The rim has an engraved continuous scroll motif (see Thurmond 1990:Figure 6a) repeated four times around the vessel. The upper and lower scroll fill zones have excised corners, ovals, and rectangular areas (Figure 138). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 138. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 20, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 20, Pot 3

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)

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 23.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.3

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones have excised and cross-hatched triangles or excised areas, as well as ovals with a single short dashed line or spur within them (Figure 139).

TYPE: Ripley Engraved, *var. Carpenter*

Figure 139. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 20, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 20, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Bottle; found with this vessel is a rim from a grog-tempered Ripley Engraved, *var. Carpenter* carinated bowl with a white kaolin clay pigment rubbed in the engraved lines.

RIM AND LIP FORM: neck missing

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

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): 8.9

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The bottle body has an engraved scroll and circle motif repeated four times around the vessel. The central circle has a second circle within it that has six small excised pendant triangles or rays on it. The upper and lower scroll fill zones also have excised pendant triangles on the outer scroll fill zone as well as negative ovals with short dashed lines or spurs within them (Figure 140). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

Figure 140. Ripley Engraved, *var. unspecified* bottle, Burial 20, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; organic residue on the exterior rim and body

RIM AND LIP FORM: Inverted rim and a rounded lip

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

HEIGHT (IN CM): 16.2

ORIFICE DIAMETER (IN CM): 21.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.5

BASE DIAMETER (IN CM): 9.8

ESTIMATED VOLUME (IN LITERS): 3.1 liters

DECORATION: The rim has an engraved scroll and negative circle motif repeated five times around the vessel. The negative circles are formed by two opposed hatched brackets. The upper and lower scroll fill zones have hatched brackets, narrow vertical columns, and triangles (Figure 141).

TYPE: Ripley Engraved, *var. unspecified*

Figure 141. Ripley Engraved, *var. unspecified* carinated bowl, Burial 21, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Direct 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): 6.5 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.6

ORIFICE DIAMETER (IN CM): 12.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.4

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has four repeating sets of engraved concentric semi-circles surrounded by large vertical and horizontal hatched brackets around a smaller open circle (Figure 142).

TYPE: Undetermined fine ware

Figure 142. Undetermined engraved compound bowl, Burial 21, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Compound bowl with four rim peaks

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 base

EXTERIOR SURFACE COLOR: brown (10YR 5/3); 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): 3.6; 4.2 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 7.8

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

BASE DIAMETER (IN CM): 4.0

ESTIMATED VOLUME (IN LITERS): 0.22 liters

DECORATION: The upper rim panel is plain, but each rim peak has an engraved triangle on it, with a hatched semi-circle element within the triangle. The lower rim panel has an unpatterned set of semi-circles, concentric semi-circles, triangular elements, and hatched brackets (Figure 143).

TYPE: Ripley Engraved, *var. unspecified*

Figure 143. Ripley Engraved, *var. unspecified* compound bowl, Burial 21, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 5

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Jar with four applied lugs on the rim (Figure 144)

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); fire clouding on the body and base; 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: smoothed on the body

HEIGHT (IN CM): 15.7

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.6

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: There are three smoothed neck bands on the rim. The vessel body has four vertical applied ridges, lined up with the applied lugs on the rim, that extend to within 4.5 cm of the vessel base (Figure 144).

TYPE: La Rue Neck Banded

Figure 144. La Rue Neck Banded jar, Burial 21, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 6

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Strongly 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); fire clouding on the rim

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.6

ORIFICE DIAMETER (IN CM): 11.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.2

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.58 liters

DECORATION: The rim has 16 continuous curvilinear engraved arcs filled with diagonal hatched lines (Figure 145). A red clay pigment has been rubbed in the engraved lines.

TYPE: Undetermined fine ware

Figure 145. Undetermined engraved carinated bowl, Burial 21, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Rattle bowl

RIM AND LIP FORM: Slightly 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); fire clouding on the body and base

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

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 11.8

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

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: There are two rows of large appliqued nodes on the rim, and four very large appliqued rattles (in the shape of bear heads) just below the lip of the vessel (Figure 146).

TYPE: Moore Noded

Figure 146. Moore Noded rattle bowl, Burial 21, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Compound bowl; organic residue on exterior rim and body

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

HEIGHT (IN CM): 18.7

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.4

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: Plain

TYPE: Undetermined plain ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar with eight small rim peaks (Figure 147)

RIM AND LIP FORM: Everted rim and a rounded lip

HEIGHT (IN CM): 10.8; 11.5 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.75 liters

DECORATION: The rim and rim peaks have horizontal brushing marks along with two vertical applied fillets that extend the length of the rim (Figure 147). The vessel body has three large incised diamond elements, separated by three sets of vertically opposed incised triangles with smaller incised diamonds within them.

TYPE: Undetermined utility ware

Figure 147. Brushed-appliqued-incised jar, Burial 21, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 21, Pot 10

NON-PLASTICS: grog and hematite

VESSEL FORM: Bottle with a short 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: 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): 4.8 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.7

ORIFICE DIAMETER (IN CM): 5.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.1; 9.8 cm maximum body diameter

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.23 liters

DECORATION: Plain (Figure 148)

TYPE: Undetermined plain ware

Figure 148. Plain bottle, Burial 21, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Jar

HEIGHT (IN CM): 38.0

ORIFICE DIAMETER (IN CM): 42.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 32.5

BASE DIAMETER (IN CM): 10.2

ESTIMATED VOLUME (IN LITERS): 20.8 liters

DECORATION: The rim has three rows of tool punctations, the lowermost at the rim-body juncture. The vessel body has vertical and overlapping brushing marks that extend from the rim-body juncture to 3.0 cm above the base (Figure 149).

TYPE: cf. Winfield Brushed

Figure 149. cf. Winfield Brushed jar, Burial 22, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 2

NON-PLASTICS: grog and bone

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 reducing environment)

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

EXTERIOR SURFACE COLOR: black 910YR 2/1); fire clouding on the body

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.0

ORIFICE DIAMETER (IN CM): 3.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.4; 7.2 cm is the maximum body diameter

BASE DIAMETER (IN CM): 5.2

ESTIMATED VOLUME (IN LITERS): 0.27 liters

DECORATION: There are three horizontal engraved lines on the vessel body, underneath the neck, as well as a fourth horizontal line midway down the vessel body, and a fifth line just above the base. The engraved panel between the horizontal lines consists of oval-shaped, circular, and upper and lower triangular elements that are repeated four times around the vessel body (Figure 150). The oval-shaped element has smaller oval and circle elements within it, and the adjacent circle element has a smaller circle within it.

TYPE: Undetermined fine ware

Figure 150. Undetermined engraved bottle, Burial 22, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 3

NON-PLASTICS: grog; sandy paste

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)

HEIGHT (IN CM): 6.5; 7.2 cm in height at rim peaks

ORIFICE DIAMETER (IN CM): 12.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.3

BASE DIAMETER (IN CM): 7.2

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The upper rim panel has two widely-spaced horizontal engraved lines. The rim peaks have a curvilinear engraved motif with triangular-shaped excised areas at the corners. The lower rim panel has 12 large excised pendant triangles; the apex of each excised triangle alternates between pointing towards the rim or pointing towards the vessel carination (Figure 151). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: cf. Turner Engraved, *var. Horton*

Figure 151. Turner Engraved, *var. Horton* compound bowl, Burial 22, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, 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: G (fired in a reducing environment and cooled in the open air)

HEIGHT (IN CM): 9.0

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.0

BASE DIAMETER (IN CM): 7.1

ESTIMATED VOLUME (IN LITERS): 0.97 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times around the vessel. Each central circle has a small open circle within it. The nested triangles contain a single ovals outlined by excised areas, and each oval has a single central engraved spur within it (see Thurmond 1990:Figure 6e). There are upper scroll fill zones above the nested triangles and they have excised areas and negative ovals within them (Figure 152). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 152. Ripley Engraved, *var. Cash* carinated bowl, Burial 22, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 5

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Compound bowl with four rim peaks

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 4/6)

EXTERIOR SURFACE COLOR: red (10R 4/6); fire clouding on the base

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; 8.0 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.6

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 0.83 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The rim peaks have excised negative oval-shaped areas with a small central excised spur within each oval. The lower rim panel has 10 large excised pendant triangles with their apex pointed either towards the vessel rim or the carination. The excised pendant triangles are separated from each other by a single short vertical engraved line on one side and a short engraved diagonal line on the other (Figure 153). The vessel is red-slipped on both interior and exterior vessel surfaces.

TYPE: Turner Engraved, *var. Horton*

Figure 153. Turner Engraved, *var. Horton* compound bowl, Burial 22, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, 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: very dark grayish-brown (10YR 3/2); fire clouding on the rim

EXTERIOR SURFACE COLOR: yellowish-brown (7.5YR 5/4); fire clouding on the body and rim; organic residue 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): 14.8

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): 1.2 liters

DECORATION: The rim has five rows of tool punctations, including one row of triangular-shaped punctations. The vessel body has large diagonal linear punctations that cover the entire vessel body (Figure 154).

TYPE: Undetermined utility ware

Figure 154. Punctated jar, Burial 22, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 7

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)

HEIGHT (IN CM): 13.8

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 3.8 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. Each central circle has a swastika-in-circle element, while the upper and lower scroll fill zones have negative ovals and negative “kidney-shaped” elements with small engraved spurs defined by cross-hatching (Figure 155). There is also a horizontal engraved line at the interior carination point.

TYPE: Ripley Engraved, *var. Galt*

Figure 155. Ripley Engraved, *var. Galt* carinated bowl, Burial 22, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 8

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 grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: reddish-brown (5YR 4/3); fire clouding on the rim, body, and base; organic residue on the body

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.7

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): 1.4 liters

DECORATION: The rim has three rows of horizontal and large linear punctations. The vessel body has three repeating sets of applied fillet curvilinear chevrons that extend from the rim-body juncture to the vessel body (Figure 156). Within each chevron is a single vertical applied fillet, and there is also a single vertical applied fillet divider between the large chevrons.

TYPE: cf. Harleton Appliqued

Figure 156. cf. Harleton Appliqued jar, Burial 22, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 22, Pot 10

NON-PLASTICS: grog and bone

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)

HEIGHT (IN CM): 17.5

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): 11.0

ESTIMATED VOLUME (IN LITERS): 4.0 liters

DECORATION: The rim has an engraved continuous scroll motif with unique upper and lower scroll fill zones repeated four times around the vessel. The upper scroll fill zones have negative ovals with short engraved lines or spurs, while the lower fill zones have either triangular elements with hatched or excised corners, as well as single small engraved semi-circles, or a rectangular-shaped area with two excised negative backward S-shaped elements (Figure 157). The vessel body has diagonal brushing marks that extend to the vessel base. A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

Figure 157. Rim sherds from Ripley Engraved, *var. unspecified* carinated bowl, Burial 22, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 23, Pot 1

NON-PLASTICS: grog

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)

HEIGHT (IN CM): 24.5

ORIFICE DIAMETER (IN CM): 33.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 31.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 6.6 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. Each central circle has a smaller swastika-in-circle element within it. The

upper and lower scroll fill zones include excised negative ovals and rectangular areas (Figure 158).

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

Figure 158. cf. Ripley Engraved, *var. Galt* compound bowl, Burial 23, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 23, 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)

HEIGHT (IN CM): 26.8

ORIFICE DIAMETER (IN CM): 19.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 6.7 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has large incised chevrons that are repeated four times around the vessel, and extend from the rim-body juncture to just above the vessel base (Figure 159).

TYPE: Undetermined utility ware

Figure 159. Brushed-incised jar, Burial 23, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 23, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones are large oblong to triangular-shaped areas filled with cross-hatched engraved lines (Figure 160). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 160. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 23, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 23, Pot 4

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded and interior beveled 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 5/3); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.2

ORIFICE DIAMETER (IN CM): 15.1

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

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.62 liters

DECORATION: The vessel has two horizontal engraved lines on the upper part of the vessel, above an engraved scroll and circle motif repeated four times around the body (Figure 161). Each central circle has a smaller circle within it with an equal-arm cross element. The upper and lower scroll fill zones include an outer curvilinear engraved and ticked line as well as an inner triangular element with hatched or excised corners. A white kaolin clay pigment has been rubbed in the engraved lines.

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

Figure 161. Ripley Engraved, *var. Galt* bowl, Burial 23, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 23, Pot 5

NON-PLASTICS: grog and hematite

VESSEL FORM: Bowl (similar in form to Burial 23, Pot 4)

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 rim

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.8

ORIFICE DIAMETER (IN CM): 14.2

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

BASE DIAMETER (IN CM): 8.3

ESTIMATED VOLUME (IN LITERS): 0.50 liters

DECORATION: The vessel has two horizontal engraved lines encircling the rim, and a third above the base. The panel between these lines has a large engraved oval-shaped motif that is repeated four times around the vessel. Within the ovals are a series of dashed lines forming an open circle; a smaller circle with ticked lines or pendant triangles; and within that circle, a small centrally-placed excised circle. Each of the large oval-shaped motifs is divided from the other by cross-hatched vertical brackets (Figure 162).

TYPE: Undetermined fine ware, cf. Ripley Engraved, *var. unspecified*

Figure 162. Undetermined engraved, cf. Ripley Engraved, *var. unspecified*, bowl, Burial 23, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 24, Pot 1

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)

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.9

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif repeated an unknown (but probably four) number of times around the vessel. The central element in the motif is an engraved diamond with a smaller engraved diamond within it; this smaller diamond

has excised rays at each of its four corners (Figure 163). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

Figure 163. Rim sherds from Ripley Engraved, *var. McKinney* carinated bowl, Burial 24, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 24, Pot 2

NON-PLASTICS: grog and hematite

VESSEL FORM: 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)

HEIGHT (IN CM): 3.4

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 0.18 liters

DECORATION: The rim has three horizontal engraved lines that encircle the vessel. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Undetermined fine ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 24, Pot 3

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)

HEIGHT (IN CM): N/A

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): N/A

DECORATION: The rim has an engraved scroll and circle motif repeated five times around the vessel. The central circles include four with an inner swastika-in-circle and a fifth with a circle and crossed lines. The central scroll line has hatched pendant triangles and ovals, while the upper and lower scroll fill zones have a single excised rectangular area within them (Figure 164). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 164. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 24, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 24, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Jar with four appliqued lug handles

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: 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): 7.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 11.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 0.81 liters

DECORATION: In addition to the four applied lug handles, the rim has five rows of tool punctations. There also are two rows of pinching immediately below the rim-body juncture. Otherwise, the vessel body has alternating incised and applied ridge triangular elements that are repeated four times around the vessel. Each of the applied triangles also has two sets of horizontal and vertical applied ridges within them, as well as a single applied node (Figure 165).

TYPE: Undetermined utility ware

Figure 165. Punctated, pinched, incised, and applied jar, Burial 24, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 24, Pot 5

NON-PLASTICS: grog; sandy paste

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)

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 11.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.1

BASE DIAMETER (IN CM): 4.9

ESTIMATED VOLUME (IN LITERS): 0.40 liters

DECORATION: The rim has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones consist of excised columns and triangles as well as ovals defined by excised lines.

TYPE: Ripley Engraved, *var. Carpenter*

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 24, Pot 6

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a flaring neck

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: brown (7.5YR 4/3); fire clouding on the body and base

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

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 21.6

ORIFICE DIAMETER (IN CM): 4.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.9; 15.2 cm is maximum body diameter

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The vessel body has two sets of concentric engraved arcs, with the lower set fitting under the upper arches (Suhm and Jelks 1962:5). These sets of concentric engraved arcs are repeated four times around the body (Figure 166). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Bailey Engraved

Figure 166. Bailey Engraved bottle, Burial 24, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 25, 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)

HEIGHT (IN CM): N/A; rim panel is 5.6 cm in height

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.0

BASE DIAMETER (IN CM): 10.0

ESTIMATED VOLUME (IN LITERS): 1.0+ liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated three times around the vessel. The central circles have a smaller central circle and equal arm cross element within them. The nested triangle elements include within them a large negative oval (with an engraved spur) and two small negative circles on either side of the oval (Figure 167). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 167. Rim sherds from a Ripley Engraved, *var. Cash* carinated bowl, Burial 25, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 25, Pot 2

NON-PLASTICS: grog and hematite; sandy paste

VESSEL FORM: Jar 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: pale brown (10YR 6/3); fire clouding on the rim

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.8; 12.0 cm at the peaks

ORIFICE DIAMETER (IN CM): 11.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.9

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.72 liters

DECORATION: The rim has three widely-spaced horizontal engraved lines. Each rim peak has a negative oval, smaller negative ovals, and triangular excised areas; the negative oval has a small central excised spur (Figure 168). The vessel body has curvilinear scroll arms that hook around each other and meet at a central excised circle; the hooked arm scrolls are repeated four times around the body. There are widened excised and hatched areas on the scroll arms opposite the central excised circles. The upper and lower scroll arms originate from the apex of upper and lower engraved triangles; there are excised areas where the apex of the triangles meet the arms of the scroll. A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 168. Wilder Engraved, *var. Wilder* jar, Burial 25, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 25, 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 rim, body, and base

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

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

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 16.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The rim has an engraved scroll motif that is repeated four times around the vessel. The scrolls are divided by negative backward S-shaped elements within excised brackets (Figure 169). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

Figure 169. Ripley Engraved, *var. Gandy* carinated bowl, Burial 25, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 25, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Bowl with rim peaks (Figure 170)

RIM AND LIP FORM: Direct rim and a rounded lip

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

HEIGHT (IN CM): 10.4+

ORIFICE DIAMETER (IN CM): 22.0

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

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.92+ liters

DECORATION: The vessel lip has a row of punctations. The remainder of the vessel has an engraved motif consisting of three sets of concentric semi-circular lines. Each set of lines are divided by a vertical and horizontal (that runs under the semi-circular lines) panel with widely-spaced horizontal and vertical engraved lines, nested semi-circles, and a nested circle element under each of the rim peaks; each nested circle has a smaller open circle within it (Figure 170). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Undetermined fine ware

Figure 170. Rim sherds from Undetermined engraved bowl, Burial 25, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 25, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Carinated bottle with a flaring neck

RIM AND LIP FORM: Direct rim and a rounded lip

HEIGHT (IN CM): 18.5

ORIFICE DIAMETER (IN CM): 4.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.9; maximum body diameter is 13.0 cm

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.59 liters

DECORATION: There are two horizontal engraved lines on the upper vessel body, as well as an engraved hooked arm scroll motif that is repeated four times around the body. Each hooked arm scroll begins at either an upper or lower triangle, and hooks around each other to meet at a central open circle (two times), or a cross-hatched circle (one time); one scroll does not have a central circle (Figure 171). There are widened cross-hatched or hatched areas on each scroll arm near the central circle. The upper and lower triangles each have a single negative oval within them; the upper body triangles also have a small central inner circle, but the lower triangles are unadorned.

TYPE: Wilder Engraved, *var. Wilder*

Figure 171. Wilder Engraved, *var. Wilder* bottle, Burial 25, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Jar; interior rim organic residue; organic residue on exterior body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 17.9

ORIFICE DIAMETER (IN CM): 17.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.4

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 2.8 liters

DECORATION: The rim has a number of closely-spaced rows of tool punctations (Figure 172), perhaps simulating neck bands.

TYPE: Unidentified utility ware

Figure 172. Punctated jar, Burial 26, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, Pot 2

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Bottle with a straight neck and a carinated body

HEIGHT (IN CM): 16.6

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.8; 11.8 cm is the maximum body diameter

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.41 liters

DECORATION: There are two horizontal engraved lines at the top of the vessel body, and a panel of broad hooked engraved arms that are repeated four times around the body (cf. Turner 1978:Figure 31d'). Three of the four pairs of upper and lower hooked arms have dashed lines within them (Figure 173). The hooked arms are divided by rectangular cross-hatched areas and triangles, and the dashed lines begin at the apex of each of the upper and lower triangles.

TYPE: Johns Engraved

Figure 173. Johns Engraved bottle, Burial 26, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, 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: pale brown (10YR 6/3); fire clouding on the rim

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): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 8.6

ORIFICE DIAMETER (IN CM): 10.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.6

BASE DIAMETER (IN CM): 5.0

ESTIMATED VOLUME (IN LITERS): 0.53 liters

DECORATION: The rim has four rows of closely-spaced tool punctations. The vessel body has four companion sets of vertical applied fillets and adjacent vertical rows of linear punctations around the body, and these extend from the rim-body juncture to near the base (Figure 174).

TYPE: Undetermined utility ware

Figure 174. Punctated-appliqued jar, Burial 26, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, Pot 4a

NON-PLASTICS: grog and bone

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

EXTERIOR SURFACE COLOR: brown (10YR 4/3); fire clouding on the body and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the upper rim panel; smoothed

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 19.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.3

BASE DIAMETER (IN CM): 7.8

ESTIMATED VOLUME (IN LITERS): 1.8 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has an engraved circle and nested triangle motif repeated four times around the vessel. The central circles each have a smaller circle within them (Figure 175). The nested triangles (two upper and two lower) have a larger negative oval within each of them, delineated by either cross-hatched or hatched areas. Three of the four negative ovals have a single small engraved spur within them, while the fourth negative oval has a short vertical line and a curvilinear engraved line within it. A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 175. cf. Ripley Engraved, *var. Cash* compound bowl, Burial 26, Pot 4a.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, Pot 4b

NON-PLASTICS: grog and bone

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

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3); fire clouding on the base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished on the upper rim panel

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines, and the rim peaks are decorated with two semi-circular engraved lines, the second of which extends onto the upper rim panel itself. The uppermost part of each rim peak has a single excised tick mark or spur. The lower rim panel has 16 excised pendant triangles evenly spaced around the vessel, and each has an elongated apex (Figure 176). There are traces of a white clay pigment that has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Horton*

Figure 176. Turner Engraved, *var. Horton* compound bowl, Burial 26, Pot 4b.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, Pot 5

NON-PLASTICS: bone

VESSEL FORM: Deep bowl with a short rim (Figure 177)

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 body and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.2

ORIFICE DIAMETER (IN CM): 15.2

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

BASE DIAMETER (IN CM): 8.6

ESTIMATED VOLUME (IN LITERS): 1.8 liters

DECORATION: Plain (Figure 177)

TYPE: Undetermined plain ware

Figure 177. Plain deep bowl, Burial 26, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 26, Pot 8

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Carinated bowl

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

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

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.5

ORIFICE DIAMETER (IN CM): 11.1

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

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): 0.30 liters

DECORATION: Plain (Figure 178)

TYPE: Undetermined plain ware

Figure 178. Plain carinated bowl, Burial 26, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 1

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 base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 13.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 36.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 35.6

BASE DIAMETER (IN CM): 10.9

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: There are two rows of tool punctations on the rim, one under the lip and the other at the rim-body juncture (Figure 179). The body has vertical brushing marks.

TYPE: cf. Mockingbird Punctated

Figure 179. cf. Mockingbird Punctated jar rim sherds, Burial 27, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 2

NON-PLASTICS: bone

VESSEL FORM: Bottle with a flaring neck and four body peaks (Figure 180)

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, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 22.2

ORIFICE DIAMETER (IN CM): 4.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 6.0; 15.5 cm maximum body diameter

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: There are three horizontal engraved lines along the upper body, and another horizontal engraved line just above the base. Between is a concentric circle engraved motif repeated four times. The concentric circle motif consists of four engraved concentric circles, the innermost encircling the body peaks, and another concentric circle has excised tick marks (Figure 180). The motifs are separated from each other by upper and lower open triangles and a single vertical engraved line that connects the upper and lower triangles.

TYPE: Ripley Engraved, *var. unspecified*

Figure 180. Ripley Engraved, *var. unspecified* bottle, Burial 27, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 4

NON-PLASTICS: grog and bone

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 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): 5.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 16.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.9

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.98 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has 13 large and evenly-spaced excised pendant triangles, the apex of which point towards the vessel carination (Figure 181). There is an interior engraved line encircling the base and at the rim carination. A white kaolin clay pigment has also been rubbed in the engraved lines on the exterior vessel surface.

TYPE: Turner Engraved, *var. Turner*

Figure 181. Turner Engraved, *var. Turner* compound bowl, Burial 27, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, 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: F (fired in a reducing environment and cooled in the open air)

HEIGHT (IN CM): 6.0

ORIFICE DIAMETER (IN CM): 14.7

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

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): 0.53 liters

DECORATION: The rim has a non-classic engraved pendant triangle motif repeated four times around the vessel. The central motif elements are simple open circles (Figure 182). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

Figure 182. Ripley Engraved, *var. McKinney* carinated bowl, Burial 27, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 6

NON-PLASTICS: grog, bone, and hematite

VESSEL FORM: Carinated bowl; interior/exterior vessel organic residues

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): 17.5

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 4.4 liters

DECORATION: The rim has an engraved pendant triangle motif that is repeated four times around the vessel. The central elements are two alternating circles and diamonds. The circles have a smaller open circle within them, and that smaller circle has four excised rays. The engraved diamond elements each have a small excised circle with four excised rays (Figure 183). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

Figure 183. Ripley Engraved, *var. McKinney* carinated bowl, Burial 27, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Deep bowl (Figure 184)

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: brown (7.5YR 4/3); fire clouding on the lower body and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 12.7

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

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.53 liters

DECORATION: The bowl has a horizontal engraved panel filled with alternating engraved duck heads and beaks and broad hooked arm elements that are repeated four times around the vessel (Figure 184). Each upside down engraved duck head includes a circle for the eye, a short engraved line at the neck, and a small triangle on the duck body. The hooked arm element has an inner triangle with hatched corners as well as a series of three dashes that extend along the arm towards its hooked end. A red clay pigment has also been rubbed in the engraved lines.

TYPE: Johns Engraved

Figure 184. Johns Engraved deep bowl, Burial 27, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 8

NON-PLASTICS: grog and hematite

VESSEL FORM: Jar with a short rim

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 10.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.1

BASE DIAMETER (IN CM): 4.9

ESTIMATED VOLUME (IN LITERS): 0.39 liters

DECORATION: Plain (Figure 185)

TYPE: Undetermined plain ware

Figure 185. Plain jar, Burial 27, Pot 8.

SITE NAME OR SITE NUMBER: Johns

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

INTERIOR SURFACE COLOR: brown (7.5YR 4/3); organic residue on the rim

EXTERIOR SURFACE COLOR: dark brown (7.5YR 3/3); thick organic residue on the rim and body (Figure 186), almost obscuring the decoration on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.0 mm, rim; 4.5 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.5

ORIFICE DIAMETER (IN CM): 19.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.5

BASE DIAMETER (IN CM): 9.0

ESTIMATED VOLUME (IN LITERS): 0.75 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central large circles each have a smaller centrally-placed open circle within them. The scroll fill zones are excised triangular zones (Figure 186). A white kaolin clay pigment has been rubbed in the engraved lines. There is also an interior engraved line at the carination point.

TYPE: Ripley Engraved, *var. Galt*

Figure 186. Ripley Engraved, *var. Galt* carinated bowl, Burial 27, Pot 9. Note the thick organic residue on the vessel rim.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 27, Pot 10

NON-PLASTICS: bone

VESSEL FORM: Jar; organic residue on interior and exterior rim and body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 16.9

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 2.0 liters

DECORATION: The rim has four rows of linear tool punctations. The vessel body has four alternating sets of incised chevrons that extend from the rim-body juncture to just above the base (Figure 187).

TYPE: Undetermined utility ware

Figure 187. Punctated-incised jar, Burial 27, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, Pot 1

NON-PLASTICS: grog and bone

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)

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 32.0

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The upper rim panel is plain. The lower rim panel has an engraved circle and nested triangle motif repeated an unknown number of times around the vessel. The central circle elements consist of two concentric circles, and the nested triangles include both inner and outer triangles, the smaller of which has a cross-hatched apex. On the opposite side of the rim panel from the nested triangles are two large pendant triangles with negative ovals within them.

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

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Jar with four rim peaks

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 grayish-brown (10YR 3/2)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.1 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.5; 13.1 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.5

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim has two horizontal engraved lines and a third cross-hatched engraved zone that encloses a negative oval underneath the rim peak; each negative oval has a small tick mark or spur on it (Figure 188). The vessel body has upper and lower cross-hatched hooked arm scrolls that wrap around each other, but do not meet. Each hooked arm scroll originates from upper and lower body cross-hatched triangles. The hooked arm motif is repeated four times around the vessel body; they are separated by sets of upper and lower body cross-hatched triangles and a single connecting vertical engraved line. A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. unspecified*

Figure 188. Wilder Engraved, *var. unspecified* jar, Burial 28, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, 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)

HEIGHT (IN CM): 13.5

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.0

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim and body have vertical brushed-incised lines that cover almost the entire vessel surface, extending to within 1.5 cm of the vessel base (Figure 189).

TYPE: cf. Karnack Brushed-Incised

Figure 189. cf. Karnack Brushed-Incised jar rim and body sherds, Burial 28, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, 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: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark reddish-brown (2.5YR 3/4)

EXTERIOR SURFACE COLOR: dark reddish-brown (2.5 YR 2.5/4)

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 3.5

ORIFICE DIAMETER (IN CM): 10.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.8

BASE DIAMETER (IN CM): 5.3

ESTIMATED VOLUME (IN LITERS): 0.21 liters

DECORATION: The rim has an engraved continuous scroll motif repeated six times around the vessel (Figure 190). The upper and lower scroll fill zones have negative ovals and excised areas. The interior and exterior vessel surfaces are red-slipped. A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 190. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 28, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, 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)

HEIGHT (IN CM): 6.2

ORIFICE DIAMETER (IN CM): 16.4

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.61 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circles each have an equal-arm cross within them. Upper and lower scroll fill zones have cross-hatched or excised negative ovals or rectangular engraved areas (Figure 191). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 191. Ripley Engraved, *var. Galt* carinated bowl, Burial 28, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, 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: B (fired and cooled in a reducing environment)

HEIGHT (IN CM): 12.9

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.9

BASE DIAMETER (IN CM): N/A

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 circles each have two smaller open circles within them, one of which has five triangular tick marks or excised rays on it. The upper and lower scroll fill zones have excised negative ovals, excised triangles, and rectangular areas (Figure 192). A white kaolin clay pigment has also been rubbed in the engraved lines. There is an interior engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. Galt*

Figure 192. Ripley Engraved, *var. Galt* carinated bowl, Burial 28, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, Pot 7

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); organic residue on the rim and body

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 9.9

ORIFICE DIAMETER (IN CM): 12.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.7

BASE DIAMETER (IN CM): 7.4

ESTIMATED VOLUME (IN LITERS): 0.75 liters

DECORATION: There is horizontal brushing on the rim and vertical brushing marks on the vessel body that extend to the base (Figure 193).

TYPE: Winfield Brushed

Figure 193. Winfield Brushed jar, Burial 28, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, Pot 8

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 (10YR 5/3); 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): 19.0

ORIFICE DIAMETER (IN CM): 19.1

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

BASE DIAMETER (IN CM): 8.1

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The vessel has a panel defined by upper and lower horizontal engraved lines, and it is filled with upside down engraved duck heads, bodies, and beaks, that are repeated four times around the vessel (Figure 194). These duck heads alternate with four hooked arm elements. The duck heads have a single eye; one beak has a vertical engraved line across it, while the bodies have a single horizontal engraved line across them. Also within the duck bodies are large pendant triangles with engraved corners. The hooked arms have one or two horizontal lines across them, as well as pendant triangles; one of these triangles has an oval nested inside it. A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Johns Engraved

Figure 194. Johns Engraved bowl, Burial 28, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 28, Pot 10

NON-PLASTICS: bone and grog; sandy paste

VESSEL FORM: Bottle with a straight to flaring neck and a collar at the neck (Figure 195)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

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): 7.4 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 4.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.0; 11.3 cm is the maximum body diameter

BASE DIAMETER (IN CM): 6.0

ESTIMATED VOLUME (IN LITERS): 0.38 liters

DECORATION: The vessel body has upper and lower hooked arm scrolls that are repeated four times that hook around each other, but only one of the scroll arms ends at a cross and circle element; the others end near to the cross and circle element (Figure 195). The scroll arms begin at the apex of two triangles with hatched corners; these triangles are not positioned at the top and bottom of a body panel, however, and one of the triangles is turned sideways. Incorporated into each of the larger hooked arm scroll motifs are kidney-shaped ovals outlined by hatched lines; two of the ovals are oriented vertically, and twice the ovals are oriented horizontally, and occur below one of the triangles with hatched corners.

TYPE: Wilder Engraved, *var. unspecified*

Figure 195. Wilder Engraved, *var. unspecified* bottle, Burial 28, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 1

NON-PLASTICS: grog and bone

VESSEL FORM: Olla with a carinated body; exterior body organic residue

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 38.0

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.6

BASE DIAMETER (IN CM): 9.5

ESTIMATED VOLUME (IN LITERS): 2.9 liters

DECORATION: There are three widely-spaced horizontally engraved lines at the top of the vessel body. Below these are four repeating sets of upper and lower hooked arm scrolls that curve around each other and meet at a large circle with equal arm cross elements (Figure 196a-b). Both arms of the scrolls have widened cross-hatched areas near their intersection with the circle and cross. The upper and lower scrolls begin at the apex of triangles with negative ovals nested within them.

TYPE: Wilder Engraved, *var. unspecified*

Figure 196. Wilder Engraved, *var. unspecified* olla, Burial 29, Pot 1: a, neck and upper body section; b, main vessel body section.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl

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

HEIGHT (IN CM): 13.2

ORIFICE DIAMETER (IN CM): 23.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.5

BASE DIAMETER (IN CM): 6.8

ESTIMATED VOLUME (IN LITERS): 2.8 liters

DECORATION: The rim has an engraved pendant triangle motif repeated two times around the vessel. The central element in the motif is an engraved diamond with an inner excised circle with rays. The motifs are separated by excised brackets (Figure 197).

TYPE: Ripley Engraved, *var. McKinney*

Figure 197. Ripley Engraved, *var. McKinney* carinated bowl, Burial 29, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; organic residue completely covers the engraved design on the rim (Figure 198)

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

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

HEIGHT (IN CM): 7.0

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 rim has an engraved scroll motif repeated an unknown number of times around the vessel. The scrolls are divided by negative and backward S-shaped elements (Figure 198).

TYPE: Ripley Engraved, *var. Gandy*

Figure 198. Ripley Engraved, *var. Gandy* carinated bowl, Burial 29, Pot 3. Note the heavy organic encrustations on the rim.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; organic residue on exterior rim and body

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): 16.0

ORIFICE DIAMETER (IN CM): 18.0

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 2.6 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. Each scroll is separated from the other by excised brackets, and the scroll fill zones have excised brackets, triangles, and bisected oval elements (Figure 199). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

Figure 199. Ripley Engraved, *var. Gandy* carinated bowl, Burial 29, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 5

NON-PLASTICS: grog

VESSEL FORM: Jar with a short rim

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 the body

EXTERIOR SURFACE COLOR: pale brown (10YR 6/3); fire clouding on the rim, body, and base; organic residue on the rim, 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): 17.0

ORIFICE DIAMETER (IN CM): 14.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.5

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 2.3 liters

DECORATION: The rim has horizontal brushing marks. The body has thin vertical applied ridges with vertical brushing marks between the ridges (Figure 200).

TYPE: Belcher Ridged, *var. Byram Ferry* (Girard 2007:15)

Figure 200. Belcher Ridged, *var. Byram Ferry* jar, Burial 29, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 6

NON-PLASTICS: grog and bone

VESSEL FORM: Carinated bowl; organic residue on the exterior rim and body (Figure 201)

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

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.5

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 3.8 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circles have a smaller circle with equal arm cross element within them. The scroll fill zones have negative ovals outlined by cross-hatched brackets and triangular areas (Figure 201).

TYPE: Ripley Engraved, *var. Galt*

Figure 201. Ripley Engraved, *var. Galt* carinated bowl, Burial 29, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 7

NON-PLASTICS: bone

VESSEL FORM: Bottle with a slightly flaring neck and a collar at the base of the neck (Figure 202)

RIM AND LIP FORM: Everted rim and 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): 4.8 mm, neck

INTERIOR SURFACE TREATMENT: smoothed on the upper neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.3

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.9; 10.9 cm maximum body diameter

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.40 liters

DECORATION: The body has four repeated sets of upper and lower hooked arm scrolls that curve around each other and meet at a central circle. The scrolls are below two widely spaced horizontal engraved lines on the upper body (Figure 202). On this vessel, the central circles are either excised or have crossed engraved lines. The upper and lower scrolls originate from the apex of triangles with excised corners and a small excised spur along the basal edge of the triangle.

TYPE: Wilder Engraved, *var. Wilder*

Figure 202. Wilder Engraved, *var. Wilder* bottle, Burial 29, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 29, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded base

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

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 16.2

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.78 liters

DECORATION: The rim has an engraved scroll motif repeated six times around the vessel. The scrolls are divided by hatched brackets, and the scroll fill zones consist of a single horizontal engraved line that ends at the apex of a single small excised triangle (Figure 203). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 203. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 29, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 1

NON-PLASTICS: grog

VESSEL FORM: Jar; organic residue on the exterior rim and body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 30.5

ORIFICE DIAMETER (IN CM): 26.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.1

BASE DIAMETER (IN CM): 9.6

ESTIMATED VOLUME (IN LITERS): 10.6 liters

DECORATION: The rim of the vessel has eight opposed incised triangles filled with closely-spaced diagonal incised lines pitched in opposite directions (Figure 204).

TYPE: Maydelle Incised

Figure 204. Maydelle Incised jar, Burial 30, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Olla

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 4/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 21.5

ORIFICE DIAMETER (IN CM): 9.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.1; 19.7 cm maximum body diameter

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.69 liters

DECORATION: The upper body has two widely-spaced horizontal engraved lines above a panel filled with four repeating upper and lower engraved hooked arm scrolls that curve around each other and meet at a circle with an equal arm cross within it (Figure 205). The outer portions of the hooked arm scrolls have widened cross-hatched engraved areas. The scrolls begin at the apex of upper and lower body triangles; the lower body triangles are filled with hatching, while the upper triangles have hatched corners around a negative oval.

TYPE: Wilder Engraved, *var. Wilder*

Figure 205. Wilder Engraved, *var. Wilder* olla, Burial 30, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Jar with a short rim

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 ray (10YR 3/1)

EXTERIOR SURFACE COLOR: light yellowish-brown (10YUR 6/4); fire clouding on the rim and body; organic residue 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): 17.4

ORIFICE DIAMETER (IN CM): 11.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.9 liters

DECORATION: The rim has horizontal brushing marks. The vessel body has three sets of horizontal and vertical applied panels filled with vertical applied fillets that extend to within 2.0 cm of the base. The horizontal and vertical areas between each of the panels are plain (Figure 206).

TYPE: cf. Harleton Appliqued

Figure 206. cf. Harleton Appliqued jar, Burial 30, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 4

NON-PLASTICS: grog and bone

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: 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): 5.5 mm, rim; 5.9 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.5

ORIFICE DIAMETER (IN CM): 13.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.7

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 0.44 liters

DECORATION: The rim has two stacked panels of seven engraved oval-shaped segments defined by cross-hatched engraved brackets. Within each engraved segment is a single centrally-placed horizontal engraved line (Figure 207). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Simms Engraved

Figure 207. Simms Engraved carinated bowl, Burial 30, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 5

NON-PLASTICS: grog-hematite

VESSEL FORM: Bottle with a straight but slightly 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: brown (10YR 5/3)

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 3.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.8; maximum body diameter is 10.0 cm

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.41 liters

DECORATION: The vessel body has upper and lower hooked arm scrolls that meet, but not at a central circle; the number of repetitions of the scroll motif is not known. There are widened excised areas along the arms of the scroll. The upper and lower scrolls begin at the apex of engraved triangles, at least one of which has excised corners and a small centrally-placed dash that extends into the triangle itself.

TYPE: Wilder Engraved, *var. unspecified*

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 6

NON-PLASTICS: bone, 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: 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): 10.5

ORIFICE DIAMETER (IN CM): 26.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.9

BASE DIAMETER (IN CM): 8.1

ESTIMATED VOLUME (IN LITERS): 1.7 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The four central elements include circles (with an inner excised circle with rays) alternating with diamonds; the diamonds have an inner diamond element with excised rays at the four corners (Figure 208). The upper and lower portions of the motif alternate between excised pendant triangles and scroll fill zones with excised brackets

and triangles. A white kaolin clay pigment has been rubbed in the engraved lines on the vessel exterior surface. There is also an interior engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. McKinney*

Figure 208. Ripley Engraved, *var. McKinney* carinated bowl, Burial 30, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 7

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: brown (7.5YR 4/4); fire clouding on the rim

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3); 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 on the body

HEIGHT (IN CM): 14.3

ORIFICE DIAMETER (IN CM): 13.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 1.2 liters

DECORATION: The rim has two rows of tool punctations, one row below the lip and the other at the rim-body juncture. Between these rows are four or five irregular rows of linear punctations (Figure 209).

TYPE: Undetermined utility ware

Figure 209. Punctated jar, Burial 30, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 8

NON-PLASTICS: bone, 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)

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.2

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The four central elements include circles (with an inner excised circle with rays) alternating with diamonds; the diamonds also have an inner excised circle with four excised rays (Figure 210). The upper and lower portions of the motif alternate between excised pendant triangles and scroll fill zones with excised brackets and hatched triangles. There is also an interior engraved line at the carination point.

TYPE: Ripley Engraved, *var. McKinney*

Figure 210. Ripley Engraved, *var. McKinney* carinated bowl, Burial 30, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, Pot 9

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); fire clouding on the 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): 7.4 mm, rim

INTERIOR SURFACE TREATMENT: burnished on the rim, otherwise smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.4

ORIFICE DIAMETER (IN CM): 20.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.1

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.92 liters

DECORATION: The rim has an engraved scroll motif repeated four times around the vessel. However, instead of upper and lower scroll fill zones of brackets and negative ovals, this vessel has upper and lower rows of small excised pendant triangles; the apex of both rows of pendant triangles point towards the vessel carination (Figure 211). Each scroll motif is separated from the others by excised brackets. A white kaolin clay pigment has been rubbed in the engraved lines.

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

Figure 211. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 30, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 30, 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: brown (10YR 5/3)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.5

ORIFICE DIAMETER (IN CM): 14.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.3

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.49 liters

DECORATION: The rim has an engraved scroll motif repeated five times around the vessel. However, instead of upper and lower scroll fill zones of brackets and negative ovals, this vessel has upper and lower rows of small excised pendant triangles; the apex of both rows of pendant triangles point towards the vessel carination (Figure 212). Each scroll motif is separated from the others by broad excised brackets.

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

Figure 212. cf. Ripley Engraved, *var. Gandy* carinated bowl, Burial 30, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 31, 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)

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.0

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The four central elements include circles (with an inner excised circle with rays) alternating with diamonds; the diamonds also have an inner excised circle (Figure 213). A white kaolin clay pigment has been rubbed in the engraved lines. There is also an interior engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. McKinney*

Figure 213. Rim sherds from a Ripley Engraved, *var. McKinney* carinated bowl, Burial 31, Pot 2.

SITE NAME OR SITE NUMBER: Johns

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)

HEIGHT (IN CM): 21.9

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.8

BASE DIAMETER (IN CM): 6.9

ESTIMATED VOLUME (IN LITERS): 4.9 liters

DECORATION: The rim has an engraved scroll and semi-circle motif repeated two times around the vessel. The central semi-circles have an inner semi-circle with excised tick

marks on it, as well as a single short excised vertical line. The upper and lower scroll fill zones have excised tick marks on the outer fill zone or below the rim, and there is a large excised triangle also within the fill zone (Figure 214). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 214. cf. Ripley Engraved, *var. Caldwell* carinated bowl rim sherds, Burial 31, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 31, 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)

HEIGHT (IN CM): 7.6

ORIFICE DIAMETER (IN CM): 14.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM): 6.4

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The rim has an engraved continuous scroll motif repeated five times around the vessel. The upper and lower scroll fill zones include excised brackets, triangles, and narrow vertical excised columns that have created negative ovals and rectangular areas (Figure 215).

TYPE: Ripley Engraved, *var. Carpenter*

Figure 215. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 31, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 31, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Bottle with a straight neck and a squat body

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); organic residue on the lower body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.2 mm, neck

INTERIOR SURFACE TREATMENT: none

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

HEIGHT (IN CM): 8.6

ORIFICE DIAMETER (IN CM): 2.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.3; 5.9 cm maximum body diameter

BASE DIAMETER (IN CM): 4.5

ESTIMATED VOLUME (IN LITERS): 0.16 liters

DECORATION: There are two horizontal engraved lines on the upper vessel body. Below these lines on the vessel body are two sets of hooked arm scrolls that wrap around each other, but do not meet; one of the hooked arm scrolls has a widened excised area at the end of the hooked arm (Figure 216). These hooked arm scrolls alternate with a panel filled with negative and backward S-shaped elements. The panels are separated from each other by either upper and lower triangles that are connected with a single vertical line, or by excised triangles and an excised vertical line with one excised spur (that helps to form part of the negative S-shaped element).

TYPE: cf. Wilder Engraved, *var. unspecified*

Figure 216. cf. Wilder Engraved, var. unspecified bottle, Burial 31, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 31, 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: dark grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim; 7.2 mm, body; 9.7 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 15.8

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circles have only a small centrally-placed excised circle within them. Scroll fill zones consist only of large upper and lower excised triangles (Figure 217). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 217. Ripley Engraved, *var. Galt* carinated bowl, Burial 31, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 31, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar; organic residue on exterior rim and body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.7

BASE DIAMETER (IN CM): 7.8

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has three rows of tool punctations. The vessel body has an unknown number of vertical applied fillets that extend from the rim-body juncture to near the vessel base (Figure 218).

TYPE: Undetermined utility ware, cf. Mockingbird Punctated

Figure 218. Punctated-appliqued jar sherds, Burial 31, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 2

NON-PLASTICS: grog and bone

VESSEL FORM: Compound bowl; organic residue on interior vessel rim and exterior vessel rim and body

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 17.0+

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.6

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 3.0 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 an unknown number of times on the vessel. The scroll fill zones have excised brackets and triangles and two curvilinear engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 3

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with four rim peaks

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); fire clouding on the rim

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base; organic residue on the rim and body

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.7; 12.9 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 13.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.7

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 0.95 liters

DECORATION: The rim has three evenly-spaced rows of tool punctations, and the uppermost punctated row runs at an angle across the rim peaks. The vessel body has brushing marks that extend to within 2.0 cm of the base (Figure 219).

TYPE: cf. Winfield Brushed

Figure 219. cf. Winfield Brushed jar, Burial 32, Pot 3

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 5

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Slightly 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 (10YR 5/3); fire clouding on the rim, body, and base

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.2

ORIFICE DIAMETER (IN CM): 13.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM): 5.7

ESTIMATED VOLUME (IN LITERS): 0.57 liters

DECORATION: Plain (Figure 220)

TYPE: Undetermined plain ware

Figure 220. Plain carinated bowl, Burial 32, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 6

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.2

ORIFICE DIAMETER (IN CM): 18.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 1.0 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has 12 large excised pendant triangles (with alternating apex's pointing either to the rim or the vessel carination) separated from each other by either one short vertical engraved line or a short diagonal engraved line (Figure 221). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

Figure 221. Turner Engraved, *var. Turner* compound bowl, Burial 32, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 7

NON-PLASTICS: grog and bone

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: yellowish-brown (10YR 5/4); fire clouding on the rim

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4); fire clouding on the rim, 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): 12.8

ORIFICE DIAMETER (IN CM): 11.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM): 5.4

ESTIMATED VOLUME (IN LITERS): 0.85 liters

DECORATION: The rim has tool punctated rows under the lip and at the rim-body juncture. Between these punctated rows on the rim are 10 panels created by vertical applied fillets, and these panels are filled with diagonal incised lines pitched in opposite directions around the vessel. The vessel body has vertical brushing marks that extend to within 1.5 cm of the base (Figure 222).

TYPE: Undetermined utility ware

Figure 222. Punctated-applied-incised-brushed jar, Burial 32, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, 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: black (10YR 2/1); organic residue on the rim

EXTERIOR SURFACE COLOR: yellowish-red (5YR 5/6); organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 16.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.0

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.56 liters

DECORATION: The rim has an engraved scroll and semi-circle motif repeated four times around the vessel. Each of the central semi-circle elements have a small cross-hatched semi-circle within them (Figure 223). In three cases, the scroll is defined by one central scroll line, as well as upper and lower scroll fill zones of excised brackets, triangles, and negative ovals, but the fourth scroll has two scroll lines. There is also an interior engraved line at the vessel carination.

TYPE: Ripley Engraved, *var. Caldwell*

Figure 223. Ripley Engraved, *var. Caldwell* carinated bowl, Burial 32, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 9

NON-PLASTICS: grog

VESSEL FORM: Jar, with four rim peaks

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): 5.7 mm, rim; 6.4 mm, body

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.5; 11.6 cm at the rim peaks

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM): 5.2

ESTIMATED VOLUME (IN LITERS): 0.89 liters

DECORATION: Plain (Figure 224)

TYPE: Undetermined plain ware

Figure 224. Plain rim-peaked jar, Burial 32, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 10

NON-PLASTICS: bone and grog

VESSEL FORM: Bowl with a bird effigy head and tab tail-tail (now detached) rider of a bear head and body (37 x 29 mm in length and width) (Figure 225)

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 rim, body, and base, as well as the effigy head

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.0; 10.9 cm in height atop the effigy head

ORIFICE DIAMETER (IN CM): 10.7

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

BASE DIAMETER (IN CM): 5.4

ESTIMATED VOLUME (IN LITERS): 0.30 liters

DECORATION: The bowl has three horizontal engraved lines underneath the lip. The effigy head has a large excised-depressed eye area, that has been rubbed with a white kaolin clay pigment, as well as a single vertical engraved line that defines one end of the beak, and a second curvilinear engraved line that defines the top of the bird head effigy (Figure 225).

TYPE: Hood Engraved, *var. Allen*

Figure 225. Hood Engraved, *var. Allen* effigy bowl, Burial 32, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 12

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Compound bowl with four rim peaks; the vessel is square in plan view

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): 7.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.0; 7.0 cm in height at the rim peaks

ORIFICE DIAMETER (IN CM): 17.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.6

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.83 liters

DECORATION: The upper rim panel has three horizontal engraved lines, and the rim peaks each have a large engraved oval on them, defined by two sets of excised curvilinear lines. There is also a single short engraved spur at the top of the oval, as well as excised triangular areas on either side of the oval. The lower rim panel has 12 large excised pendant triangles, divided from one another by a single short vertical or short diagonal engraved lines (Figure 226). The apex of the pendant triangles alternate between pointing towards the rim and pointing towards the vessel carination. A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Horton*

Figure 226. Turner Engraved, *var. Horton* compound bowl, Burial 32, Pot 12.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 13

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Compound bowl with four rim peaks

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 and body

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.7; 6.5 cm height at rim peaks

ORIFICE DIAMETER (IN CM): 14.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 0.64 liters

DECORATION: The upper and lower rim panels have four engraved circles with eight rays, and one of the circles has an central excised dot. Surrounding these circles are a series of unpatterned curvilinear engraved lines, some free-standing and others connected to other short and long curvilinear lines that cross from the upper to the lower rim panel (Figure 227).

TYPE: Undetermined fine ware

Figure 227. Undetermined engraved compound bowl, Burial 32, Pot 13.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 32, Pot 14

NON-PLASTICS: bone and grog; sandy paste

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

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.6 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.3

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.6; 10.7 cm maximum body diameter

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 0.41 liters

DECORATION: There are four (two very closely-spaced) horizontal engraved lines on the upper vessel body. There are 10 narrow triangles pendant from the lower horizontal line, nine that are excised and one that is hatched (Figure 228).

TYPE: cf. Turner Engraved, *var. unspecified*

Figure 228. Turner Engraved, *var. unspecified* bottle, Burial 32, Pot 14.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, Pot 1

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Jar; organic residue on the exterior rim and body

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)

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 15.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.3

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 1.5 liters

DECORATION: The rim is horizontally brushed, with a row of tool punctations below the lip and a second row at the rim-body juncture. The body has vertical brushing marks that extend to within 7.5 cm of the base (Figure 229).

TYPE: Winfield Brushed

Figure 229. Winfield Brushed jar, Burial 33, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, Pot 2

NON-PLASTICS: bone

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 (10R 4/6)

EXTERIOR SURFACE COLOR: red (10R 4/6)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.3 mm, rim

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.6

ORIFICE DIAMETER (IN CM): 16.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.2

BASE DIAMETER (IN CM): 6.7

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The upper rim panel has three broadly-spaced horizontal engraved lines. The lower rim panel has an engraved scroll and semi-circle motif repeated five times around the vessel. The central semi-circles either have within them a small inner circle (three times), a swastika-in-circle (one time), or an excised circle with four excised rays (one time). The central scroll line has triangular tick marks (Figure 230). The upper and lower scroll fill zones have hatched or excised triangles and negative ovals defined by excising. The vessel also has a red slip on both interior and exterior surfaces.

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

Figure 230. cf. Ripley Engraved, *var. Caldwell* compound bowl, Burial 33, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, 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: brown (7.5YR 5/4); fire clouding on the base

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.1 mm, rim; 4.7 mm, body

INTERIOR SURFACE TREATMENT: smoothed

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

HEIGHT (IN CM): 6.9

ORIFICE DIAMETER (IN CM): 16.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.5

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 0.67 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circle elements have a small excised circle with four excised rays within them (Figure 231). The scroll fill zones have negative ovals defined by cross-hatched engraved lines. A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 231. Ripley Engraved, *var. Galt* carinated bowl, Burial 33, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, Pot 5

NON-PLASTICS: grog, bone, and charred organics

VESSEL FORM: Bottle with a slightly flaring neck

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: reddish-brown (5YR 5/4); fire clouding on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.9 mm, neck; 5.4 mm, body; 8.0 mm, base

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 24.0

ORIFICE DIAMETER (IN CM): 4.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.1; 15.0 cm maximum body diameter

BASE DIAMETER (IN CM): 8.5

ESTIMATED VOLUME (IN LITERS): 0.82 liters

DECORATION: There are two horizontal engraved lines encircling the upper body as well as three horizontal engraved lines encircling the base. Between these lines are four panels defined by sets of three vertical engraved lines; each set of vertical engraved lines end in upper and lower small excised pendant triangles. Within the panels are four concentric engraved diamonds; the outer two diamonds have triangular tick marks on them (Figure 232).

TYPE: Ripley Engraved, *var. unspecified*

Figure 232. Ripley Engraved, *var. unspecified* bottle, Burial 33, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, 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: pale brown (10YR 6/3); fire clouding on the rim, body, and base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.6 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 30.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.3

BASE DIAMETER (IN CM): 10.7

ESTIMATED VOLUME (IN LITERS): 2.2 liters

DECORATION: The rim has an engraved scroll and circle motif (*var. Galt*) repeated four times, with the addition of two vertical scroll dividers (*var. Carpenter*). The four central circle elements have an inner excised circle (Figure 233). Upper and lower scroll fill zones have excised brackets, vertical dividers, and triangles, forming large negative ovals. A white kaolin clay pigment has been rubbed in the engraved lines.

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

Figure 233. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 33, Pot 6.

SITE NAME OR SITE NUMBER: Johns

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: 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 (7.5YR 4/3); fire clouding on the lower body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim; 8.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 19.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.4

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.87 liters

DECORATION: The rim has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones have bisected ovals, negative ovals, and excised triangles (Figure 234). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 234. Ripley Engraved, *var. Carpenter* carinated bowl, Burial 33, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, Pot 8

NON-PLASTICS: grog, hematite, and bone

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: black (10YR 2/1)

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

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

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 15.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.8

BASE DIAMETER (IN CM): 6.3

ESTIMATED VOLUME (IN LITERS): 0.95 liters

DECORATION: The upper rim panel has three widely-spaced horizontal engraved lines. The lower rim panel has 10 large excised pendant triangles (the apex of the triangles

alternate between pointing towards the rim or pointing towards the vessel carination), and they are separated by either a short vertical or diagonal engraved line (Figure 235). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Turner Engraved, *var. Turner*

Figure 235. Turner Engraved, *var. Turner* compound bowl, Burial 33, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, Pot 9

NON-PLASTICS: grog-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)

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 30.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.0

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel rim has horizontal brushing marks, while the body has overlapping brushing marks that extend to near the vessel base (Figure 236).

TYPE: Winfield Brushed

Figure 236. Winfield Brushed jar, Burial 33, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 33, Pot 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: brown (10YR 5/3); fire clouding on the rim and body

EXTERIOR SURFACE COLOR: brown (10YR 5/3); fire clouding on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.7 mm, rim; 6.7 mm, body

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.6

ORIFICE DIAMETER (IN CM): 9.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 8.3

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.68 liters

DECORATION: The rim has three rows of tool punctations as well as four sets of two large appliqued nodes. The vessel body has four panels defined by vertical appliqued fillets, and the panels are filled with vertical incised lines that extend to within 2.0 cm of the vessel base (Figure 237).

TYPE: cf. Pease Brushed-Incised

Figure 237. cf. Pease Brushed-Incised jar, Burial 33, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 1

NON-PLASTICS: bone and 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: pale brown (10YR 6/3); organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.2 mm, rim; 6.9 mm, body; 13.2 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim is horizontally brushed, and the body has vertical brushing marks that extend to near the vessel base (Figure 238).

TYPE: Winfield Brushed

Figure 238. Winfield Brushed jar sherds, Burial 34, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 2

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl; organic residue on the exterior body

RIM AND LIP FORM: Direct rim and a rounded lip

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

HEIGHT (IN CM): 16.8

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): 4.4 liters

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The central elements include engraved diamonds (two times) and excised brackets (two times), rather than the typical engraved circles. Within each of the engraved diamonds is an excised diamond around a negative circle (Figure 239). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 239. cf. Ripley Engraved, *var. McKinney* carinated bowl, Burial 34, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, 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)

HEIGHT (IN CM): 20.3

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.5

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 4.7 liters

DECORATION: The rim has an engraved pendant triangle motif repeated three times around the vessel. The central element is an engraved diamond; each diamond has a smaller excised diamond within it, and that smaller diamond has a centrally placed dot. The upper and lower rows of engraved pendant triangles (which are, in non-classic form, either hatched or excised) also include hatched columns, columns of closely-spaced

vertical engraved lines, and triangular excised areas (Figure 240). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 240. cf. Ripley Engraved, *var. McKinney* carinated bowl, Burial 34, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 4

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

HEIGHT (IN CM): 6.3

ORIFICE DIAMETER (IN CM): 16.8

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

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.63 liters

DECORATION: The rim has an engraved scroll and semi-circle motif repeated four times around the vessel. The central semi-circles are either plain or have a second and smaller semi-circle within them; one of these smaller semi-circles has a short vertical engraved line within it (see Thurmond 1990:Figure 6e). The upper and lower scroll fill zones have negative ovals and negative bisected ovals defined by hatched and excised areas (Figure 241). A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Caldwell*

Figure 241. Ripley Engraved, *var. Caldwell* carinated bowl, Burial 34, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 5

NON-PLASTICS: grog and hematite

VESSEL FORM: Carinated bowl; organic residue on the exterior body

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): 11.1

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.6

BASE DIAMETER (IN CM): 6.5

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has an engraved nested triangle motif (Thurmond 1990:Figure 6h) repeated 12 times around the vessel, six times pendant from the rim and six times pendant from the carination. Each nested triangle has a large negative oval with a short excised line or spur along one side of the oval (Figure 242). There is also an interior engraved line at the carination point.

TYPE: Ripley Engraved, *var. Williams*

Figure 242. Ripley Engraved, *var. Williams* carinated bowl, Burial 34, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 6

NON-PLASTICS: grog and bone

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: very dark gray (10YR 3/1); fire clouding on the rim and body

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

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): 14.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.5

BASE DIAMETER (IN CM): 7.3

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim has two rims of partially smoothed neck bands, as well as four three-noded applied lugs. A broad incised line runs horizontally at the rim-body juncture. The vessel body has vertical to overlapping brushing marks that extend to within 3.0 cm of the base (Figure 243).

TYPE: La Rue Neck Banded

Figure 243. La Rue Neck Banded jar, Burial 34, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 7

NON-PLASTICS: grog and hematite

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: 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): 6.2 mm, rim; 6.6 mm, body; 9.5 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.6

BASE DIAMETER (IN CM): 8.6

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: The rim has broad horizontal brushing marks, while the body has vertical brushing that extends to the vessel base.

TYPE: Winfield Brushed

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 8

NON-PLASTICS: grog and bone

VESSEL FORM: Jar with a tall rim

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 grayish-brown (10YR 4/2)

EXTERIOR SURFACE COLOR: brown (7.5YR 4/3); fire clouding on the rim, body, and base; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 4.8 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 13.7

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): 1.1 liters

DECORATION: The rim is plain, but the body has vertical brushing marks that extend to the vessel base (Figure 244).

TYPE: Winfield Brushed

Figure 244. Winfield Brushed jar, Burial 34, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 10

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: pale brown (10YR 6/3)

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.0 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.8

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.9

BASE DIAMETER (IN CM): 7.7

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The upper rim panel has three horizontal engraved lines. The lower rim panel has upper and lower hooked arm scrolls that are repeated four times that meet at a central and small excised circle (Figure 245). There are also widened excised areas along both scroll arms. The upper and lower body hooked arm scrolls begin at the apex of triangles with excised corners. In addition to these connected hooked arm scrolls, this vessel has four horizontal hooked arm scrolls that run between the vertical hooked arm scrolls. A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Wilder Engraved, *var. Wilder*

Figure 245. Wilder Engraved, *var. Wilder* compound bowl, Burial 34, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 34, Pot 11

NON-PLASTICS: grog and bone

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the base

EXTERIOR SURFACE COLOR: brown (7.5YR 5/4); fire clouding on the rim, body, and base

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

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

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): 4.0

ESTIMATED VOLUME (IN LITERS): 0.12 liters

DECORATION: Plain (Figure 246)

TYPE: Undetermined plain ware

Figure 246. Plain bowl, Burial 34, Pot 11.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 1

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: pale brown (10YR 6/3); fire clouding on the base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.2 mm, body; 11.5 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): 29.8

BASE DIAMETER (IN CM): 8.4

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times around the vessel. The engraved circles each have a small central and open circle within them, and the nested triangles have a large oval defined by excised lines; the oval has a central spur element (see Thurmond 1990:Figure 6e) (Figure 247). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Cash*

Figure 247. Ripley Engraved, *var. Cash* carinated bowl, Burial 35, Pot 1.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 2

NON-PLASTICS: 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: black (10YR 2/1); organic residue on the rim and body

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, body; 7.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.2

BASE DIAMETER (IN CM): 6.2

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has two tool punctated rows, one below the lip and the other at the rim-body juncture. Between these punctated rows are a series of closely-spaced horizontal incised lines. The body has panels defined by four vertical rows of tool punctations. The panels are filled with vertical incised lines that extend to within 3.4 cm of the vessel base, and they also have four punctated-filled triangles pendant from the rim-body juncture (Figure 248). Finally, there is a single diagonal row of tool punctations that originate from the apex of the punctated-filled pendant triangles.

TYPE: Undetermined utility ware

Figure 248. Punctated-incised jar, Burial 35, Pot 2.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 3

NON-PLASTICS: grog

VESSEL FORM: Carinated 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: brown (7.5YR 5/3); fire clouding on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 7.1 mm, neck

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 17.5

ORIFICE DIAMETER (IN CM): 5.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.9; 16.0 cm maximum body diameter

BASE DIAMETER (IN CM): 8.0

ESTIMATED VOLUME (IN LITERS): 0.56 liters

DECORATION: There are three horizontal engraved lines on the upper vessel body. The vessel body below these lines has four sets of hooked arm scrolls that curve around each other and meet at a central circle. In this case, the central circles are large swastika-in-circle elements (Figure 249). The hooked arm scrolls have a widened cross-hatched area adjacent to the central circle. The upper and lower hooked arm scrolls begin at the apex of triangles that either have hatched corners (lower triangles) or cross-hatched corners (upper triangles); this cross-hatching has formed a negative oval within each triangle.

TYPE: Wilder Engraved, *var. unspecified*

Figure 249. Wilder Engraved, *var. unspecified* bottle, Burial 35, Pot 3.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, 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: black (10YR 2/1)

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

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

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A; rim panel is 4.9 cm in height

ORIFICE DIAMETER (IN CM): 29.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.6

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved pendant triangle motif repeated four times around the vessel. The central elements include two engraved diamonds and two engraved circles. The diamonds have a small excised circle with four rays within them, while the central circles have a single larger circle with four excised rays within them (Figure 250). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. McKinney*

Figure 250. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, Burial 35, Pot 4.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 5

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Bowl; small canoe-shaped form (14.4 x 8.4 cm in maximum length and width) (Figure 251)

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); 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): 4.9 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.8

ORIFICE DIAMETER (IN CM): 8.4-14.4

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

BASE DIAMETER (IN CM): 6.0-10.0

ESTIMATED VOLUME (IN LITERS): 0.23 liters

DECORATION: The vessel has four engraved panels (one on each side of the vessel, as well as at the prow and bow). The panels on the sides of the vessel have two opposed and connected cross-hatched hooked arm scrolls and single hooked engraved lines between them. The other panels consist of broad cross-hatched engraved brackets (Figure 251).

TYPE: cf. Taylor Engraved

Figure 251. cf. Taylor Engraved canoe-shaped bowl, Burial 35, Pot 5.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 6

NON-PLASTICS: grog and bone

VESSEL FORM: Bottle with a flaring neck, and a collar at the juncture of the neck and body (Figure 252)

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 4.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 5.6; 11.0 cm maximum body diameter

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 0.42 liters

DECORATION: There are two horizontal engraved lines at the top of the vessel body, and a third horizontal line just above the base. The vessel body has three repeating sets of upper and lower hooked arm scrolls that meet at a small open circle. The hooked arm scrolls originate at the apex of upper and lower body triangles (Figure 252).

TYPE: Wilder Engraved, *var. Wilder*

Figure 252. Wilder Engraved, *var. Wilder* bottle, Burial 35, Pot 6.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 7

NON-PLASTICS: grog

VESSEL FORM: Carinated bowl

HEIGHT (IN CM): 7.7

ORIFICE DIAMETER (IN CM): 16.0

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

BASE DIAMETER (IN CM): 5.5

ESTIMATED VOLUME (IN LITERS): 0.74 liters

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circles have a small inner excised circle with six excised rays. The outer engraved line of the upper and lower scroll fill zones have triangular tick marks; each scroll fill zone also contains a large excised triangle (Figure 253). A white kaolin clay pigment has also been rubbed in the engraved lines.

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

Figure 253. cf. Ripley Engraved, *var. Galt* carinated bowl, Burial 35, Pot 7.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 8

NON-PLASTICS: grog

VESSEL FORM: Jar; organic residue on the exterior base and lower body

RIM AND LIP FORM: Everted rim and a rounded lip

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 17.0

ORIFICE DIAMETER (IN CM): 13.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.6

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 2.1 liters

DECORATION: The rim has six rows of large linear tool punctations. The vessel body has 17 vertical applied fillets that extend to just above the vessel base. Between each vertical applied fillet is a vertical row of linear punctations (Figure 254).

TYPE: Undetermined utility ware

Figure 254. Punctated-appliqued jar, Burial 35, Pot 8.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 9

NON-PLASTICS: grog; sandy paste

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Everted rim and a rounded lip

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

HEIGHT (IN CM): 10.0

ORIFICE DIAMETER (IN CM): 19.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.0

BASE DIAMETER (IN CM): 8.1

ESTIMATED VOLUME (IN LITERS): 1.1 liters

DECORATION: The rim has an engraved horizontal scroll repeated four times around the vessel. The scrolls are divided by large hatched brackets. The upper and lower scroll fill zones have sets of vertical engraved lines, hatched brackets, and sets of small circles; these have either another small circle or a circle with crossed arms within them (Figure 255). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

Figure 255. Ripley Engraved, *var. unspecified* carinated bowl, Burial 35, Pot 9.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 10

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: light brownish-gray (10YR 6/2); fire clouding on the body and base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.0 mm, rim; 7.2 mm, body; 11.5 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): 29.2

BASE DIAMETER (IN CM): 7.9

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved scroll and circle motif repeated four times around the vessel. The central circles have within them a smaller open circle with nine triangular tick marks or excised rays. The upper and lower scroll fill zones have excised brackets and hatched triangles, as well as negative bisected ovals or negative ovals with a single spur line (Figure 256). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Galt*

Figure 256. Ripley Engraved, *var. Galt* carinated bowl rim sherds, Burial 35, Pot 10.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 11

NON-PLASTICS: grog-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: brown (10YR 5/3); fire clouding on the base

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 5.4 mm, rim; 6.6 mm, body; 9.8 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 17.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.8

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved continuous scroll motif that is repeated six times around the vessel. The upper and lower scroll fill zones have one or two narrow cross-hatched columns and/or a single vertical engraved line (Figure 257). A white kaolin clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Carpenter*

Figure 257. Ripley Engraved, *var. Carpenter* carinated bowl rim sherds, Burial 35, Pot 11.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: Burial 35, Pot 12

NON-PLASTICS: grog and bone

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

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.3 mm, rim

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 15.8

ORIFICE DIAMETER (IN CM): 15.0

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

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): 1.4 liters

DECORATION: The rim is plain, and there is a single row of tool punctations at the rim-body juncture. The vessel body has vertical brushing marks that extend to within 2.5 cm of the base (Figure 258).

TYPE: cf. Winfield Brushed

Figure 258. cf. Winfield Brushed jar, Burial 35, Pot 12.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

NON-PLASTICS: grog and bone

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: 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): 8.7 mm, rim

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 19.9

ORIFICE DIAMETER (IN CM): 13.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): 7.6

ESTIMATED VOLUME (IN LITERS): 2.4 liters

DECORATION: There are six rows of tool punctations on the vessel rim (Figure 259).

TYPE: Mockingbird Punctated

Figure 259. Mockingbird Punctated jar, Unknown Burial and Unknown Pot No.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

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: brown (10YR 5/3)

EXTERIOR SURFACE COLOR: yellowish-brown (10YR 5/4)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 8.3 mm, rim; 7.4 mm, body; 11.9 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 horizontal brushing marks, while the brushing on the body includes both horizontal and diagonal zones.

TYPE: cf. Winfield Brushed

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

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: 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): 5.7 mm, rim; 6.5 mm, body; 8.9 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the rim

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 14.0

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

BASE DIAMETER (IN CM): 7.5

ESTIMATED VOLUME (IN LITERS): 1.3 liters

DECORATION: There are three horizontal rows of tool punctations on the rim. The vessel body has diagonal brushing marks that extend to within 2.0 cm of the base (Figure 260).

TYPE: Undetermined utility ware

Figure 260. Punctated-brushed jar, Unknown Burial and Unknown Pot No.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

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)

WALL THICKNESS (RIM, BODY, AND BASE IN MM): 6.9 mm, rim; 7.2 mm, body; 9.4 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.9

BASE DIAMETER (IN CM): 7.0

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The rim has an engraved scroll motif (Thurmond 1990:Figure 6b) repeated four times around the vessel. The scroll dividers are large excised brackets that contain negative S-shaped elements. Within each of the negative S-shaped elements is a single S-shaped scroll line. The upper and lower scroll fill zones have negative ovals and rectangular elements. A white kaolin clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. Gandy*

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

NON-PLASTICS: grog and bone

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): 5.0 mm, rim; 7.6 mm, base

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.8

ORIFICE DIAMETER (IN CM): 9.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 7.9

BASE DIAMETER (IN CM): 5.8

ESTIMATED VOLUME (IN LITERS): 0.58 liters

DECORATION: The rim has three widely-spaced horizontal engraved lines. The vessel body has three tiers of engraved scrolls and circles that are repeated four times around the vessel. Each circle has a central excised dot. The upper and lower scroll and circle tier has vertical engraved zones on either side of the circles, and the lower tier of circles have a hatched triangle appended to the circles (Figure 261). A red clay pigment has also been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

Figure 261. Ripley Engraved, *var. unspecified* jar, Unknown Burial and Unknown Pot No.

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

NON-PLASTICS: grog and bone

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)

HEIGHT (IN CM): 10.0

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): 1.8 liters

DECORATION: The rim has an engraved circle and nested triangle motif repeated four times around the vessel. The central engraved circles have a smaller inner swastika-in-circle element. The outer two lines of the inner nested triangle has excised pendant triangles on them. A white kaolin clay pigment has been rubbed in the engraved lines.

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

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

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)

HEIGHT (IN CM): 3.0

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): 0.13 liters

DECORATION: Plain

TYPE: Undetermined plain ware

SITE NAME OR SITE NUMBER: Johns

VESSEL NO.: No #

NON-PLASTICS: grog

VESSEL FORM: Olla

RIM AND LIP FORM: Direct rim and a rounded lip

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

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM): N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION: The vessel body has an engraved scroll and circle motif repeated six times around the vessel (Figure 262a-b). The central circles have a smaller circle within them that have equal-arm engraved elements that meet at a very small circle. There are hatched and cross-hatched widened areas on both sides of the central circles where the scrolls intersect them. Alternating with the central circles, and either above or below the engraved scroll line, are 12 large pendant triangles with hatched corners. In the center of each of these triangles is a single small engraved circle. A red clay pigment has been rubbed in the engraved lines.

TYPE: Ripley Engraved, *var. unspecified*

Figure 262. Ripley Engraved, *var. unspecified* olla, unknown burial: a, neck and upper body section; b, main body section.

Pottery Vessel Comparisons and Ceramic Traditions

The Johns site pottery vessels from 35 burials comprise a distinctive Titus phase (ca. A.D. 1430-1680) mortuary assemblage in the Prairie Creek drainage within the Big Cypress Creek stream basin, in the eastern Titus phase ceramic tradition (see Perttula 2005:401-405). As with other Titus phase mortuary assemblages, it is dominated by engraved fine ware vessels of different size ranges, particularly a number of varieties of Ripley Engraved carinated bowls and compound bowls, and a number of Johns Engraved vessels (cf. Turner 1978), a diverse set of decorated utility ware cooking jars and bowls, many of them decorated with brushing, and a low proportion of plain wares. It is also a grog-tempered ceramic vessel assemblage, but with a significant use of crushed and burned bone temper, and the majority of vessels were fired in a low oxygen or reducing environment.

Vessel Forms

The 277 vessels documented from the Johns site are dominated by engraved fine wares (67.5%, Table 2). Utility wares comprise 26% of the ceramic vessel mortuary offerings, and plain wares another 6.5%.

Table 2. Vessels Forms at the Johns site.

Vessel Forms	Fine wares	Utility wares	Plain wares	N
Jar	4	69	3	76
Carinated bowl	101	-	5	106
Compound bowl	33	-	1	34
Bowl	13	2	8	23
Effigy bowl	1	-	-	1
Chalice	1	-	-	1
Bottle	30	-	1	31
Olla	3	-	-	3
Compound vessel*	1	1	-	2
Totals	187	72	18	277

Note: the fine ware compound or conjoined vessel is a bottle-compound bowl; the utility ware vessel is a bowl-jar combination.

Among the fine wares, the principal vessel form is the carinated bowl (54%), followed by compound bowls (17.7%) and bottles (16.%) (see Table 2). The fine wares also have the most diverse range of vessel forms, including chalices (known from only a few Titus phase sites; see Turner 1978) and ollas. Utility wares are almost exclusively

jars (95.8%). Plain wares occur in a variety of forms, particularly bowls (44.4%), carinated bowls (27.8%), and jars (16.7%).

Vessel Sizes

The ceramic vessels from the Johns site 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 (engraved bowls and plain bowls) to as large as 20.8 liters (an utility ware jar).

Among the different forms of engraved fine wares, the majority of each vessel form is less than 1.0 liter in volume (Table 3). This includes 75% of the engraved jars, 48% of the carinated bowls and compound bowls, 97% of the bottles, and 93% of the bowls. The one chalice falls in the 1.01-1.25 liter range. The large and very large fine ware vessels at the Johns site are almost exclusively carinated bowls and compound bowls.

Table 3. Vessel sizes (in liters) among the fine ware vessels.

Liters	Jar	Carinated Bowl	Compound Bowl	Bottle	Olla	Bowl	Chalice
0-0.1	-	-	-	-	-	2	-
0.11-0.25	-	3	1	3	-	4	-
0.26-0.50	1	8	-	10	-	3	-
0.51-0.75	2	18	3	13	1	3	-
0.76-1.0	-	14	9	3	-	1	-
1.01-1.25	1	2	2	1	-	-	1
1.26-1.50	-	4	5	-	-	1	-
1.51-1.75	-	3	-	-	-	-	-
1.76-2.0	-	6	3	-	-	-	-
2.01-2.25	-	4	-	-	-	-	-
2.26-2.5	-	-	1	-	-	-	-
2.51-2.75	-	2	-	-	-	-	-
2.76-3.0	-	3	1	-	1	-	-
3.01-3.25	-	2	-	-	-	-	-
3.26-3.5	-	3	-	-	-	-	-
3.51-3.75	-	3	-	-	-	-	-
3.76-4.0	-	6	-	-	-	-	-
4.01-4.25	-	1	-	-	-	-	-
4.26-4.5	-	2	-	-	-	-	-

Table 3. Vessel sizes (in liters) among the fine ware vessels, cont.

Liters	Jar	Carinated Bowl	Compound Bowl	Bottle	Olla	Bowl	Chalice
4.51-4.75	-	3	-	-	-	-	-
4.76-5.0	-	1	-	-	-	-	-
5.01-5.25	-	1	-	-	-	-	-
5.26-5.5	-	1	-	-	-	-	-
6.51-6.75	-	-	1	-	-	-	-
6.76-7.0	-	-	1	-	-	-	-
Totals	4	90	27	30	2	14	1

The different vessel forms among the fine wares fall into several size classes: (1) 0.26-0.75 liters (small) and 1.01-1.25 liters (medium-sized) for jars; (2) 0.11-0.50 liters (small) and 0.51-1.25 liters (large) for bottles; and (3) 0-0.25 liters (small), 0.26-1.0 liters (medium), and 1.26-1.50 liters (large). There are two sizes of ollas (see Table 3) and a medium-sized chalice in the assemblage.

Among the carinated bowls, there are five size ranges: small (0.11-0.50 liters, 12.2%, perhaps miniature offerings included with children and adolescents); medium-sized (0.51-1.25 liters, 38%); large (1.26-2.25 liters, 17.8%); very large (2.51-4.25 liters, 22%); and extra large (4.26-5.5 liters, 8.9%) (see Table 3). The medium to large sizes account for 55.8% of the engraved carinated bowls, and almost 31% of the carinated bowls are very large to extra large in size.

The engraved compound bowls also have five size ranges: small (0.11-0.25 liters, 1.1%, perhaps miniature offerings included with children and adolescents); medium-sized (0.51-1.25 liters, 51.9%); large (1.26-2.0 liters, 29.6%); very large (2.26-3.0 liters, 7.4%); and extra large (6.6-6.9 liters, 7.4%) (see Table 3). The medium to large sizes account for 81.5% of the engraved compound bowls, and only 14.8% of the compound bowls are very large to extra large in size.

The utility ware and plain ware vessels from the Johns site also were made in a variety of sizes and volumes (Table 4). This is particularly the case for the utility ware 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 (0.51-1.0 liters, 26%), medium (1.01-1.5 liters, 31.6%), large (1.76-3.75 liters, 21%), very large (4.26-5.25 liters, 5.3%), and extra large (5.76-20.8 liters, 8.8%). Plain ware vessels, regardless of

form, are almost exclusively small to medium-sized in volume (i.e., 0.1-1.25 liters), with the exception of a single large plain compound bowl and a large plain bowl (Table 4).

Table 4. Vessel sizes (in liters) among the utility wares and plain wares.

Liters	Utility Ware		Plain Ware				
	Jar	Bowl	Jar	Carinated Bowl	Compound Bowl	Bottle	Bowl
0-0.1	-	-	-	-	-	-	1
0.11-0.25	-	-	-	-	-	1	2
0.26-0.50	-	2	1	2	-	-	-
0.51-0.75	11	-	-	1	-	-	3
0.76-1.0	4	-	1	2	-	-	1
1.01-1.25	10	-	1	-	-	-	-
1.26-1.50	8	-	-	-	-	-	-
1.51-1.75	-	-	-	-	-	-	-
1.76-2.0	2	-	-	-	-	-	1
2.01-2.25	1	-	-	-	-	-	-
2.26-2.5	6	-	-	-	1	-	-
2.51-2.75	2	-	-	-	-	-	-
2.76-3.0	2	-	-	-	-	-	-
3.01-3.25	1	-	-	-	-	-	-
3.26-3.5	1	-	-	-	-	-	-
3.51-3.75	1	-	-	-	-	-	-
3.76-4.0	-	-	-	-	-	-	-
4.01-4.25	-	-	-	-	-	-	-
4.26-4.5	1	-	-	-	-	-	-
4.51-4.75	1	-	-	-	-	-	-
4.76-5.0	-	-	-	-	-	-	-
5.01-5.25	1	-	-	-	-	-	-
5.26-5.5	-	-	-	-	-	-	-
5.51-5.75	-	-	-	-	-	-	-
5.76-6.0	1	-	-	-	-	-	-
6.01-9.3	2	-	-	-	-	-	-
10.6-20.8	2	-	-	-	-	-	-

Table 4. Vessel sizes (in liters) among the utility wares and plain wares, cont.

Liters	Utility Ware		Plain Ware				
	Jar	Bowl	Jar	Carinated Bowl	Compound Bowl	Bottle	Bowl
Totals	57	2	3	5	1	1	8

Rim and Lip Form

Distinct rim and lip forms characterize each of the three ceramic wares at the Johns site (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 Johns site vessels.

Rim and Lip	Fine ware	Utility ware	Plain ware
Direct-rounded	19.9*	14.7	47.1
Direct-rounded, ext. folded	40.4	10.3	23.5
Direct-rounded, int. beveled, ext. folded	0.6	-	-
Direct-rounded, scalloped	0.6	-	-
Direct-flat	2.3	1.5	-
Direct-flat, ext. folded	1.7	-	-
Everted-rounded	21.6	54.4	17.6
Everted-rounded, ext. folded	9.1	14.7	11.8
Everted-flat	0.6	1.5	-
Inverted-rounded	1.7	2.9	-
Inverted-rounded, ext. folded	2.3	-	-
Inverted-interior beveled	0.6	-	-
Inverted-interior beveled, ext. folded	0.6	-	-

Table 5. Rim and Lip forms in the Johns site vessels, cont.

Rim and Lip	Fine ware	Utility ware	Plain ware
Summary rim-lip			
Direct rim	65.5	26.5	<u>70.6</u>
Everted rim	31.3	<u>70.6</u>	29.4
Inverted rim	<u>5.2</u>	2.9	-
Rounded lip	96.2	97.0	100.0
Rounded, ext. folded lip	<u>52.4</u>	25.0	35.3
Flat lip	4.6	3.0	-
Interior beveled lip	1.8	-	-
Totals	176	68	17

*percentage; bolded and underlined classes represent significant representation by vessel ware

Plain wares tend to have direct rims and rounded lips, but with a significant proportion (mainly plain jars) also having everted rims, with 35.3% of the lips (from carinated bowls, bowls, and a bottle) then being folded outwards from the vessel exterior (see Table 5). Utility wares, on the other hand, being almost exclusively jars, have primarily everted rims and rounded lips (see Table 5). Fine ware vessels have both direct and everted rims, a number of distinctive vessels with inverted rims, and rounded lips. More than 52% of the lips have been exterior folded (see Table 5).

Examining the rim and lip categories among the distinct fine ware forms, it is apparent that there are also distinct rim-lip form treatments among the major fine ware forms (Table 6). Carinated bowls have direct rims and rounded lips that are exterior folded (i.e., folded out away from the vessel surface); special lip treatments include interior beveling and scalloping. The rims (or upper rim panels) of compound bowls are almost always everted, but with simple rounded lips; exterior folded lips are not common lip attributes among the compound bowl fine wares. The other fine wares have a mixture of direct and everted rims, with rounded lips; exterior folded lips are found on other 22% of the engraved bowls and bottles (Table 6).

Table 6. Rim and Lip Forms among different fine ware vessel forms at the Johns site.

Rim and Lip	Carinated bowl	Compound bowl	Other forms (bottles and bowls)
Direct rim	<u>87.8%</u>	9.1%	51.1%
Everted rim	5.1%	<u>90.9%</u>	44.4%
Inverted rim	7.1%	-	4.4%
Rounded lip	96.9%	96.9%	97.7%
Flat lip	3.1%	3.1%	2.3%
Exterior folded lip	<u>75.5%</u>	33.3%	22.2%
Interior beveled lip	3.1%	-	4.4%
Scalloped lip	1.0%	-	-
Totals	98	33	45

A few of the utility ware and plain jars in the Johns site have distinctive rim attributes. This includes rim peaks (where the rim has been quadrated by four peaks), strap handles, and applied lug handles (Table 7).

Table 7. Other distinctive attributes of Utility ware jars and plain jars at the Johns site.

Distinctive attributes	Utility ware jars	Plain jars
Rim peaks	8.7%	33.3%
Strap handles	1.4%	-
Applied lug handles	4.3%	-
Totals	69	3

Temper and Paste

Almost all (between 88.9-96.8%) of the vessels from the Johns site are tempered with grog (or crushed pieces of fired clay), especially the fine ware vessels (Table 8). Other important temper inclusions include burned bone (especially among the plain

wares) and hematite (also most common among the plain 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 or grog-bone that still had visible charred organic remains in the paste (Table 8).

Table 8. Tempers and Paste in the Johns Site Vessels.

Temper/paste	Fine ware	Utility ware	Plain ware
Grog	51.9*	52.8	33.3
Grog-sandy paste	7.0	4.2	5.6
Grog-bone	24.6	30.6	33.3
Grog-bone-sandy paste	1.1	-	-
Grog-bone-hematite	2.7	1.4	-
Grog-bone-organics	0.5	-	-
Grog-hematite	8.0	5.6	16.7
Grog-hematite-sandy paste	0.5	-	-
Grog-organics	0.5	-	-
Bone	2.1	4.2	11.1
Bone-sandy paste	0.5	-	-
Bone-hematite	0.5	1.4	-
<u>Summary by ware</u>			
% grog	<u>96.8</u>	94.4	88.9
% bone	32.1	37.5	<u>44.4</u>
% hematite	11.8	8.3	<u>16.7</u>
% organics	1.1	-	-
% sandy paste	<u>9.1</u>	4.2	5.6
Totals	187	72	18

*percentage; bolded and underlined classes represent significant representation by vessel ware

Between 4.2-9.1% of the Johns site vessels have a sandy paste (see Table 8). This suggests 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 from time to time in vessel manufacture.

Firing Conditions

Regardless of the vessel ware, the ceramic vessels placed in the burials at the Johns site were fired almost exclusively in a reducing or low oxygen environment, probably smothered in the coals (Table 9). By ware, the percentage of vessels fired in a reducing environment ranges from 83.3-98.5%, with the highest proportions among the fine wares and utility wares.

Table 9. Firing conditions in the Johns site vessels.

Firing conditions	Fine ware	Utility ware	Plain ware
A (oxidizing)	4.0*	1.4	16.7
B (reducing)	21.0	11.6	16.7
C	-	-	-
D (incompletely oxidized)	-	-	-
E	0.6	-	-
F	40.9	30.4	44.4
G (fired in a reducing environment and cooled in the open air)	31.8	53.6	16.7
H	1.7	2.9	5.6
Summary			
% oxidizing	4.0	1.4	<u>16.7</u>
% incompletely oxidized	0.6	-	-
% reducing	<u>21.0</u>	11.6	16.7
% fired in a reducing environment, cooled in an oxidizing environment	74.4	<u>86.9</u>	66.7
Totals	176	69	18

*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 of the vessels were actually fired in a reducing environment, but then cooled in a high oxygen environment (see Table 9). This led to the oxidation of a thin band at the vessel surface of either one (22.3-56.5%, firing conditions G and H) or both (30.4-44.4%, firing condition F) surfaces (see Table 9), leaving a dark gray to black core and a lighter brown to yellowish-brown vessel surface.

Organic Residues

Organic residues, in some cases substantial areas with a visible build-up of charred organic remains, are relatively abundant in all three ceramic wares in the Johns site burial vessels (Table 10). The common occurrence of ceramic vessels placed in the graves at the site that have residues strongly suggests that many, if not most, of these vessels had been previously used (either in cooking and/or serving) before being interred as funerary offerings.

Table 10. Occurrence of organic residues on the Johns site ceramic vessels.

Ware Group	Exterior organic residue	Interior organic residue
Fine ware	14.4%	5.3%
Utility ware	50.0%	22.2%
Plain ware	22.2%	5.6%

The highest percentages of vessels with organic residues are found in the utility wares (see Table 10), probably because charred liquid-based food stuffs accumulated on one or both vessel surfaces through repeated cooking use of the vessels over a fire. Exterior organic residues are also notable in both the fine wares (including primarily on carinated bowls, but also present on single examples of jars, ollas, bottles, and compound bowls) and the plain vessels. If carinated bowls and bowls were employed as serving vessels, it seems likely that the organic residues built up through the repeated filling and spilling of liquid food stuffs (primarily coating the exterior vessel surface), and the reheating of those vessels, causing the food coatings to become charred on the vessels. In several cases, fine ware vessels had evidence of a lustrous organic residue, as if certain vessels had been rubbed with a pitch, and that pitch became adhered to the exterior vessel surface after they had been exposed to heat.

Decorative Methods

The fine ware vessels from the Johns site are decorated with engraved designs on the rim and/or body. Less than 4% of the engraved fine wares are either red-slipped, punctated under the lip, or have brushing marks on the vessel body (Table 11). The low occurrence of red-slipped engraved vessels at the Johns site—and the absence of any vessels decorated simply with red-slipping—indicate that the Johns site ceramic vessels represent 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).

Table 11. Decorative Methods represented in the Johns site fine ware and utility ware vessels.

Decorative Method	Fine ware	Utility ware
Engraved	96.3*	-
Engraved-red-slipped	2.1	-
Engraved-punctated	1.1	-
Engraved-brushed	0.5	-
Brushed-punctated	-	15.1
Brushed	-	13.7
Appliqued-punctated	-	11.0
Brushed-punctated-appliqued	-	6.9
Brushed-incised	-	5.5
Incised	-	5.5**
Punctated	-	5.5
Incised-punctated	-	5.5
Neck Banded-brushed	-	4.1
Incised-punctated-brushed-appliqued	-	4.1
Brushed-appliqued-incised	-	2.7
Appliqued	-	2.7
Neck Banded-appliqued	-	2.7
Incised-punctated-appliqued	-	2.7
Noded	-	2.7
Brushed-appliqued	-	1.4
Ridged-brushed	-	1.4
Punctated-incised-appliqued-pinched	-	1.4
Neck Banded	-	1.4
Neck Banded-punctated-brushed	-	1.4
Neck Banded-incised	-	1.4
Appliqued-incised-pinched	-	1.4
Total with Brushing	0.5	56.3
Total with Neck Banding	-	11.0
Total with Appliqued	-	37.0
Total with Punctuation	1.1	53.6
Total with Incision	-	30.2
Total with Pinched	-	2.8
Totals	187	72

*percentage

**includes one vessel with an incised Ripley Engraved, *var. Pilgrims* motif

Utility wares at the Johns site include 22 different combinations of decorative methods, including brushing, punctuation, appliqué, incision, neck banding, pinching, and nodding (a form of appliqué best kept separate in this analysis) (see Table 11). Rarely does a utility ware vessel only have one form of decoration, either on the rim and/or on the vessel body. Vessels with brushing (either as the sole decorative method or in combination with other decorations) are predominant in the Johns site utility wares (56.3%), along with vessels having punctated, appliqued, or incised decorations (see Table 11). The relative frequency of brushed ceramic vessels at the Johns site is another indication that the vessels placed in the burials are the product of an eastern Titus phase ceramic tradition (Perttula 2005:405).

Table 12 is a list of the different identified and currently recognized fine ware and utility ware ceramic types and varieties in the Johns site vessel assemblage. The fine wares are dominated by a number of varieties of Ripley Engraved—no one variety predominant—and this type comprises 71.4% of the engraved fine wares from the site. Other resident engraved types include two varieties of Turner Engraved (9.6%), a new type, Wilder Engraved (11.9%), and Johns Engraved (3.6%). Three other engraved fine ware types—Bailey Engraved, Simms Engraved, and Taylor Engraved (totaling 2.4%)—may be trade wares from Belcher phase Caddo groups that lived to the east along the Red River below the Great Bend, and 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 at the Johns site.

Table 12. Identified ceramic types and varieties in the Johns site vessel assemblage.

Type and variety	Fine ware	Utility ware
Ripley Engraved, <i>var. Galt</i>	13.7*	-
Ripley Engraved, <i>var. unspecified</i>	13.7	-
Ripley Engraved, <i>var. Gandy</i>	8.9	-
Ripley Engraved, <i>var. Carpenter</i>	8.3	-
Ripley Engraved, <i>var. Cash</i>	7.7	-
Ripley Engraved, <i>var. McKinney</i>	7.7	-
Ripley Engraved, <i>var. Williams</i>	4.8	-
Ripley Engraved, <i>var. Caldwell</i>	3.0	-
Ripley Engraved, <i>var. Reed</i>	1.2	-
Ripley Engraved, <i>var. Ripley</i>	1.2	-
Ripley Engraved, <i>var. Pilgrims/Reed</i>	0.6	-
Ripley Engraved, <i>var. Pilgrims</i>	0.6	-
Ripley/Wilder Engraved combo	0.6	-
Turner Engraved, <i>var. Turner</i>	5.4	-
Turner Engraved, <i>var. Horton</i>	4.2	-

Table 12. Identified ceramic types and varieties in the Johns site vessel assemblage, cont.

Type and variety	Fine ware	Utility ware
Wilder Engraved, <i>var. Wilder</i>	7.7	-
Wilder Engraved, <i>var. unspecified</i>	4.2	-
Johns Engraved	3.6	-
Bailey Engraved	0.6	-
Hood Engraved	0.6	-
Simms Engraved	1.2	-
Taylor Engraved	0.6	-
Winfield/Bullard Brushed	-	35.6
La Rue Neck Banded	-	17.8
Harleton Appliqued	-	15.6
Pease Brushed-Incised	-	8.9
Mockingbird Punctated	-	6.7
Karnack Brushed-Incised	-	4.4
Maydelle Incised	-	4.4
Moore Noded	-	4.4
Belcher Ridged	-	2.2
Totals	168**	45**

*percentage

** approximately 90% of the fine wares are identified to type and/or variety, compared to only 62.5% of the utility wares

Approximately 8% of the engraved fine wares, all carinated bowls, have an engraved line on the interior vessel surface, usually encircling the vessel along its carination point, or encircling the base. This includes one Turner Engraved, *var. Turner* vessel and 14 Ripley Engraved vessels of the following varieties: *var. McKinney* (n=4 vessels), *var. Galt* (n=4), *var. Williams* (n=3), *var. Reed* (n=1), *var. Caldwell* (n=1), and *var. Gandy* (n=1).

The principal utility ware types at the Johns site include Winfield/Bullard Brushed, La Rue Neck Banded, and Harleton Appliqued, with moderate amounts of Pease Brushed-Incised, Mockingbird Punctated, and Maydelle Incised (see Table 12). We suspect that these five types are resident utility wares for the Caddo communities living in the Prairie Creek valley. Karnack Brushed-Incised, Moore Noded, and Belcher Ridged, *var. Byram Ferry*, 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).

Lip Notching

None of the ceramic vessels from the Johns site have lip notching as a form of lip decorative treatment. Lip notching is also rare (0.4%) in other Titus phase vessel assemblages from this part of the Big Cypress Creek basin (Perttula et al. 2010).

Pigments

The ceramic fine ware vessels placed in the burials at the Johns site frequently had a clay pigment rubbed in the engraved designs. A total of 47.1% of the fine wares from the site have such pigments.

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 (Table 13). Overall, the white kaolin clay pigment is the dominant pigment among fine ware jars (Wilder Engraved), carinated bowls (all varieties of Ripley Engraved, particularly *var. McKinney*, *var. Galt*, and *var. Carpenter* styles), compound bowls (primarily Turner Engraved, *var. Turner* vessels), and the single chalice (Turner Engraved, *var. Horton*). Red clay pigments are proportionally more common on the fine ware bottles (including Wilder Engraved, Ripley Engraved, and Bailey Engraved vessels) and ollas (Ripley Engraved), while white or red clay pigments are equally represented among the engraved bowls (primarily Johns Engraved vessels).

Table 13. Use of Pigments in the Johns Site Fine wares.

Vessel Form	White pigment	Red pigment	Percent with pigment
Jar	75.0*	25.0	100.0
Carinated bowl	53.5	4.0	57.5
Compound bowl	45.5	0.0	45.5
Bottle	0.0	16.7	16.7
Olla	0.0	33.3	33.3
Bowl	15.4	15.4	30.8
Chalice	100.0	0.0	100.0
Percent Summary	40.1	7.0	47.1

*percentage

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 after ca. A.D. 1480 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 Johns site vessels, the preferred use of white clay pigment on vessels seems to have been in place by the 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 four different varieties of elbow pipes in the nine ceramic pipes placed with six of the Johns site burials (Burials 13, 20, 28-29, 33, and 35). Variety A (n=6, 67% of the pipes) has a distinctive attachment at the back end of the bowl, as if one end of a longer pipe stem has been folded back onto the bowl itself. In most cases, the stem is set at a slight angle to the bowl, or at a right angle to the bowl. These pipes tend to overall be shorter than the other pipe varieties, with rounded stems under the bowl, but with a taller and broader bowl that would have held more smoking materials (Table 14 and Figure 263a-f). Variety B pipes (n=1) are short in length and height, with relatively small bowl diameters, and the stem is not as rounded under the bowl as the Variety A pipes. The angle of the stem and bowl approaches a right angle (Figure 264a). Variety C pipes (n=1) are the tallest and longest of the elbow pipe forms at the Johns site, and they have a well-rounded stem that lies at an acute angle to the short bowl, almost touching the bowl itself (Figure 264b). The one Variety D pipe has a broad and tall bowl, with the bowl and stem meeting at near a right angle. The distinctive feature of this pipe variety is that there is a knob on the back end of the stem that protrudes out from the juncture of the lower bowl and stem.

Table 14. Ceramic Pipes from the Johns site burials.

Burial	PH* (mm)	PL (mm)	SED (mm)	SID (mm)	ST (mm)	BOD (mm)	BHT (mm)	BT (mm)	Temper
Variety A									
Burial 5*	31.0	46.9	22.0	12.0	3.9	36.0	15.2	5.4	grog
Burial 13	42.5	54.0	26.8	11.6	7.6	36.3	27.0	4.6	grog
Burial 20	38.0	53.0	25.0	13.0	6.0	42.5	22.0	4.1	grog
Burial 28, #1	39.2	54.0	24.9	11.3	6.8	37.4	27.0	4.2	grog
Burial 29**	39.0	51.0	25.0	12.6	6.2	34.9	23.0	2.8	grog; sandy paste
Burial 33	39.0	49.0	22.9	9.9	6.5	34.3	23.0	3.2	grog; sandy paste

Table 14. Ceramic Pipes from the Johns site burials, cont.

Burial	PH* (mm)	PL (mm)	SED (mm)	SID (mm)	ST (mm)	BOD (mm)	BHT (mm)	BT (mm)	Temper
Variety B Burial 28, #2	41.8	49.0	23.5	10.1	6.7	34.9	24.8	3.5	grog
Variety C Burial 35	50.9	65.1	27.0	15.6	5.7	35.8	16.0	5.2	grog; sandy paste
Variety D Burial 13	46.0	54.0	26.8	13.4	6.6	43.0	27.5	6.0	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

**This pipe has a single vertical engraved line on the stem near its juncture with the lower bowl

Figure 263. Pipes from the Johns site, Variety A: a, Burial 5; b, Burial 13; c, Burial 20; d, Burial 28, Pipe #1; e, Burial 29; f, Burial 33.

Figure 264. Other pipe varieties from the Johns site: a, Variety B, Burial 28, Pipe #2; b, Variety C, Burial 35.

All of the elbow pipes are grog-tempered, with flat bowl and stem lips; three also have a sandy paste, suggesting they were manufactured from a local sandy clay. Variety C and D pipes have noticeably thicker bowls than do the other two varieties (see Table 14). Only two of the pipes are decorated (Variety A pipes from Burials 5 and 29). Another pipe (Variety A from Burial 13) has two carved vertical lines on the stem. The other pipes are plain. The exterior pipe stem and bowl of the Johns site elbow pipes is typically burnished (50%) or smoothed (38%).

Ear Spools of Clay and Stone

Plain clay and stone ear spools are present in Burial 5 and 31, as well as from a burial of uncertain provenience. These ear spools are of two forms: (a) an ear spool (n=2) with two equal sides and a central groove, and (b) ear spools (n=2) with unequal sides and a central groove (Table 15 and Figure 265). Turner (1978:Figure 21c-d) illustrates examples of both forms in contemporaneous burials from the Tuck Carpenter site (41CP5).

Table 15. Ear Spools from the Johns site.

Burial No.	Material	Form	Diameter (mm)	Thickness (mm)
5	clay	equal-sided	23.0 (both sides)	8.6
31	limestone	equal-sided	31.2 (both sides)	12.0
31	UID stone	unequal-sided	22.0-26.0	13.2
Unknown	clay	unequal-sided	25.0-26.0	13.2

Figure 265. Ear spools: a, limestone ear spools, Burial 31; b, unequal-sided clay ear spool, Unknown burial.

Arrow points

A total of 121 arrow points of the Perdiz (n=48, 39.7%), Bassett (n=46, 38%), Maud (n=9, 7.5%), Talco (n=2, 1.7%), and Maud/Talco (n=10, 8.3%) types were found in the graves of 21 burials at the Johns site (Table 16) (Figures 266-279). There are also six unidentified stemmed arrow points in the burial assemblage.

Table 16. Arrow points from the Johns site burials.*

Burial No.	Perdiz	Bassett	Maud	Talco	Maud/Talco	UID stemmed
3	2	-	-	-	-	-
4	1	-	-	-	-	-
5	1	-	-	-	-	-
6	-	2	-	-	-	-
14	3	3	1	-	-	-
15	-	2	1	-	-	1
16	3	-	-	-	-	1
18	1	-	-	-	-	-
20	6	-	2	-	-	-
22	3	-	-	-	-	-
24	1	-	-	-	-	-
25	2	-	-	-	-	-
27	-	1	1	-	-	-
28	3	-	-	-	-	-
29	-	20	-	-	10	-
30	5	8	3	1	-	-
31	2	2	-	-	-	-

Table 16. Arrow points from the Johns site burials, cont.*

Burial No.	Perdiz	Bassett	Maud	Talco	Maud/Talco	UID stemmed
32	1	-	-	1	-	2
33	6	-	-	-	-	-
34	-	4	-	-	-	2
35, Group 1	5	4	-	-	-	-
35, Group 2	3	-	1	-	-	-
Totals	48	46	9	2	10	6

*according to the available notes, Burials 7 (two points), Burial 19 (two Perdiz points), Burial 23 (one point) also had arrow point funerary offerings, but these were not documented during our work; UID=unidentified

Figure 266. Arrow points from Burial 14: top row, left to right, Perdiz, Maud, and Perdiz; bottom row, left to right: Perdiz, Bassett, Perdiz, and Bassett.

Figure 267. Arrow points from Burial 15: left to right, Bassett, Bassett, unidentified stem, and Maud.

Figure 268. Arrow points from Burial 16: left to right, Perdiz, unidentified stem, Perdiz, and Perdiz.

Figure 269. Arrow points from Burial 20: top row, left to right, Perdiz, Perdiz, Perdiz, and Maud; bottom row, left to right: Perdiz, Perdiz, Perdiz, and Maud.

Figure 270. Perdiz points from Burial 22.

Figure 271. Maud and Perdiz points from Burial 27.

Figure 272. Arrow points and drill from Burial 28: top row, Perdiz; bottom row: drill.

Figure 273. Bassett arrow points from Burial 29.

Figure 274. Maud and Talco arrow points from Burial 30: left to right, Talco, Maud, Maud, and Maud.

Figure 275. Perdiz and Bassett arrow points from Burial 30: top row, left to right: Bassett, Bassett, Perdiz, Perdiz, Bassett, Bassett, Perdiz; bottom row, left to right: Perdiz, Bassett, Bassett, Bassett, Bassett, and Perdiz.

Figure 276. Perdiz and Bassett arrow points from Burial 31: left to right, Bassett, Perdiz, Perdiz, and Bassett.

Figure 277. Arrow points from Burial 32: left to right: Talco, unidentified stem, Perdiz, and unidentified stem.

Figure 278. Arrow points from Burial 35, Group 1: top row, left to right: Bassett, Perdiz, Perdiz, and Perdiz; bottom row, left to right: Perdiz, Bassett, Perdiz, Bassett, and Bassett.

Figure 279. Arrow points from Burial 35, Group 2: left to right, Maud, Perdiz, Perdiz, and Perdiz.

The frequency of arrow points by burial ranges from 1-30, but only three of the burials—Burial 29 (n=30), Burial 30 (n=17), and Burial 35 (n=12)—at the Johns site have more than eight arrow points. Of the burials that have arrow points, the mean frequency of these offerings fall into two groups: 19.7 per burial (Burials 29, 30, and 35) and 3.4 arrow points per burial for the other 18 burials (see Table 16).

Local gravel sources of quartzite, earth-toned (i.e., red, brown, and yellow) chert pebbles, and petrified wood pieces were the raw materials of choice in the manufacture of the arrow points that were placed with the burials at the Johns site. By arrow point type, 87-100% of the Perdiz, Bassett, Maud, and Talco points are made from local gravel sources. Local cherts were especially common among the Perdiz points, with heat-treated quartzite raw materials preferred for the other three point types (Table 17).

Table 17. Raw material use in the Johns site arrow points.

Raw material	Perdiz	Bassett	Maud	Talco	Maud/Talco
<u>Local gravel sources</u>					
chert	<u>28.3*</u>	-	11.1	-	-
quartzite	52.2	<u>91.5</u>	77.8	100.0	100.0
petrified wood	6.5	2.1	-	-	-
<u>Non-local sources</u>					
claystone/siltstone	2.2	-	-	-	-
Ouachita Mtns. chert	4.3	2.1	<u>11.1</u>	-	-
novaculite	4.3	-	-	-	-

Table 17. Raw material use in the Johns site arrow points, cont.

Raw material	Perdiz	Bassett	Maud	Talco	Maud/Talco
<u>Uncertain source</u>					
chalcedony	2.2	4.3	-	-	-
Totals	48	46	9	2	10

local chert: earth-toned; non-local chert: gray, dark brown to gray, dark gray; black bolded and underlined classes represent significant representation by vessel ware

Non-local lithic raw materials comprise 2.1% of the Bassett points, 10.8% of the Perdiz points, and 11.1% of the Maud points. None of the Talco or Maud/Talco points from the Johns site are made from non-local lithic raw material sources (see Table 17). The sources represented originated in the Ouachita Mountains of southeastern Oklahoma, and are also available in Red River gravels in northeastern Texas below the mouth of the Kiamichi River.

The ultimate source of chalcedony—used for the manufacture of 3.2% of the Perdiz and Bassett points at the Johns site (see Table 17)—is not known. It is suspected that it is present in the local pebble gravels.

Drill

A single bifacially chipped drill of Big Fork chert was among the funerary offerings from Burial 28 at the Johns site (see Figure 272, bottom row). Big Fork chert is a Ouachita Mountains lithic raw material that is also available in the Red River gravels.

Celts

There are seven petaloid-shaped ground stone celts among the funerary offerings from six different burials at the Johns site (Table 18). These have pecked surfaces, shallow (13-30.5 mm) bifacial bits, and generally narrow flat to rounded poll ends.

Table 18. Celts from the Johns site.

Burial No.	Raw Material	L (mm)	W (mm)	Th (mm)	BH (mm)	Poll end
1	QTZ-SS*	71.0	42.9	32.0	30.5	flat
17	QTZ-SS	57.0	37.0	16.0	13.0	flat
22	QTZ-SS	86.0	38.9	22.0	25.0	rounded
28	QTZ-SS	76.3	33.9	28.9	20.0	flat
28	UID dark gray	76.0	46.2	27.0	16.0	rounded
29	Diorite	81.2	40.3	34.0	25.5	rounded
35	Tuff	89.0	41.9	35.9	23.0	flat

*QTZ-SS=quartzitic sandstone; UID=unidentified; L=length; W=width; Th=thickness; BH=bit height

The celts are made from Ouachita Mountains raw materials, including quartzitic sandstone, diorite, and tuff. One of the celts from Burial 28 is made from an unidentified hard but relatively light weight dark gray lithic raw material (described as a black ore rock in the burial field notes). It is likely that these celts were made by a Red River Caddo group and traded/exchanged to the Titus phase Caddo group that was using the Johns site for burial interments.

Other Lithic Artifacts

Other lithic artifacts recovered from the Johns site are two funerary offerings from Burial 20. The first of these is an unmodified quartz crystal (36.0 x 16.9 x 13.0 mm in length, width, and thickness), and the other is a polished pigment stone of red hematite. One flaked surface of the hematite stone is smoothed, with three visible flake scars, and there are visible striations and scraping marks on two facets from the removal of small pieces of the stone to manufacture pigments. The stone is 62.9 x 47.1 x 40.9 mm in length, width, and thickness.

Conclusions

The Johns site (41CP12) on Prairie Creek in the Big Cypress Creek basin in northeastern Texas is a Late Caddo period Titus phase cemetery with 35 separate burial interments. The size of the cemetery suggests it is a family cemetery (Perttula 2005:383).

The cemetery was excavated primarily by Tommy Johns, a resident of Camp County, Texas, with the assistance of Robert L. Turner, Jr. in the excavation Burials 1-19, between May 1966 and December 1984. In the summer of 2009, we had the opportunity to fully document the funerary offerings from the cemetery, and this report presents our analysis of the different kinds of funerary offerings placed with the different burials. All in all, this has included the documentation of 277 ceramic vessels; nine ceramic pipes; two ceramic ear spools; two stone ear spools; 121 arrow points; one chipped stone drill; seven ground stone celts; one quartz crystal; and one hematite pigment stone.

The number and variety of funerary offerings in the Johns site cemetery is quite comparable to that recorded at a number of Titus phase cemeteries in both the Big Cypress and upper Sabine River basins (Perttula 2005:Table 11-6), suggesting that similar mortuary practices were employed during the interment of the Caddo deceased at the Johns site as was the case at most of the family cemeteries in the Titus phase area of northeastern Texas. In these cemeteries, ceramic vessels “comprise 60-90% of the funerary offerings, and the absolute quantity of funerary offerings is as much as four times lower than has been noted at the four cemeteries [R. L. Cason, 41MX1, W. A. Ford, 41TT2, Thomas P. Caldwell, 41TT6, and Alex Justiss, 41TT13] dominated by offerings of arrow point caches/quivers” (Perttula 2005:379, brackets added). At the Johns site, ceramic vessels account for approximately 66% of the funerary offerings, and the mean number of arrow points per burial is only 3.4; at the aforementioned Titus phase sites, the mean number of arrow points per burial has a much higher range of 8.7-12.8. The mean number of funerary offerings per burial in these same four cemeteries ranges from 16.8-24.5. At the Johns site, the mean number of funerary offerings per burial is 12.0.

The age of the Johns site Titus phase cemetery is not known with any precision, primarily because there are no absolute dates from any of the burial features. The recent radiocarbon and OCR dating of samples from a number of different Titus phase sites in the Big Cypress Creek basin (see Perttula 2005), however, have shown with some confidence that the Titus phase as a cultural-taxonomic entity dates from cal. AD 1430-1680. Within that span of time, however, it is known that there have likely been changes in the popularity of particular rim motifs (or varieties of Ripley Engraved) of certain engraved fine ware vessels (most notably among the Ripley Engraved vessels), as well as in the kinds of arrow points that have been placed as funerary offerings in Titus phase graves (cf. Turner 1978; Perttula 1992), and these changes may be helpful in bracketing the estimated age of the Johns site cemetery and the length of time it may have been used as a family cemetery. Specifically, it is thought that the triangular arrow point styles—the Maud and Talco types—are a later (after ca. A.D. 1450/1500 for Maud points, and possibly after ca. A.D. 1550/1600 for Talco points) characteristic funerary offering in

Titus phase burials compared to the stemmed Perdiz and Bassett types, and that the different varieties of Ripley Engraved are also chronologically specific, even though a precise temporal seriation of these varieties has not been attempted. Along the same lines, Ripley Engraved, *var. McKinney*—the pendant triangle motif (cf. Thurmond 1990:Figure 6a)—is typically considered to be the youngest variety of Ripley Engraved, and a variety of fine ware often found in association with Talco arrow points.

Building on these considerations, we can examine the distribution and co-association of the engraved fine wares at the Johns site, as well as the occurrence and frequency of arrow point styles for temporal clues in the age and clustering of burial features by time and geographic space. Table 19 provides a listing of the number of engraved fine ware vessels by type and variety by individual burials. The most common varieties of Ripley Engraved in the burials are *var. Galt*, *var. Carpenter*, and *var. Gandy*, all varieties known to be co-associated with quivers of Perdiz, Bassett, and Maud arrow points (see Perttula 1992:Table A-2). Ripley Engraved, *var. McKinney* vessels are also well represented (with both classic and non-classic motifs),² but in only one of the Johns site burials (Burial 7) is it the only Ripley Engraved variety (Table 19), suggesting that its dominance as a carinated bowl motif—apparently established by ca. A.D. 1600—had not occurred while the Johns site was being used as a cemetery.

Table 19. Distribution of engraved fine ware types and varieties by burial feature at the Johns site.

See Table 19.pdf on CD

Other common engraved fine wares at the site include Wilder Engraved, *var. Wilder*, Turner Engraved, *var. Turner*, Johns Engraved, and Turner Engraved, *var. Horton* (see Table 19). Less common engraved wares include several varieties of Ripley Engraved, among them *var. Pilgrims*, *var. Williams*, *var. Reed*, and the horizontal diamond motif, as well as Simms Engraved, Bailey Engraved, and Hood Engraved (see Table 19).

These disparate strands of information available from the 35 burials at the Johns site cemetery concerning arrow point quivers, varieties of Ripley Engraved pottery vessel offerings (including varieties with or without tick marks as well as classic versus non-classic versions of *var. McKinney*), as well as the offerings of other distinctive fine ware vessels (i.e., Johns Engraved, Turner Engraved, and Simms Engraved), lead to our positing that there were a minimum of four episodes of cemetery use, beginning with Episode A (the earliest) and ending with Episode D (the latest) (Figure 280 and Table 20). Episode C

Figure 280. Episodes of use (A-D) of the Johns site cemetery, Camp County, Texas.

Table 20. Suggested episodes of burial use at the Johns site.

Episodes	Burial Nos.	Key Ceramic Vessel Types and Varieties
A (Earliest)	11, 13, 16, 26, 28, 32 (?)	Johns Engraved; Turner Engraved, <i>var. Turner</i> ; Ripley Engraved, <i>var. Cash</i> ; Ripley Engraved, <i>var. Caldwell</i>
B	2, 3, 9, 14, 17, 19, 20	Ripley Engraved, <i>var. Carpenter</i> , <i>var. Reed</i> , and <i>var. Williams</i>
C*	1, 4, 5, 6, 8, 12, 18, 22, 23, 24, 25, 27, 29, 30, 31, 33, 34, 35	Ripley Engraved, <i>var. Cash</i> , <i>var. Carpenter</i> , <i>var. Galt</i> ; Johns Engraved; Turner Engraved, <i>var. Horton</i> ; Ripley Engraved, <i>var. Galt</i> and <i>var. Gandy</i> (with tick marks); Ripley Engraved, <i>var. McKinney</i> ; Simms Engraved
D (Latest)	7, 15	Ripley Engraved, <i>var. McKinney</i>

Note: Burials 10 and 21 could not be placed in one of the four episodes of cemetery use.

*Based on the occurrence of classic and non-classic *var. McKinney* motifs, Burials 6, 24, 30, and 31 may be the latest of the Episode C burials.

The Episode A burials are clustered at the northern end of the cemetery (Burials 11, 13, 16, 26, and 28), with the exception of Burial 32. This particular burial may actually date later than the others because of the occurrence of Maud arrow points as burial offerings in the grave, as well as its spatial alignment with a row of Episode B and C burials (Burials 20, 22, 34, and 35, see Figure 280). Episode B burials are dispersed both east, south, and especially west of the Episode A cluster of burials, demonstrating the outward spatial expansion of the cemetery with continued use by local Caddo families. The full extent of the cemetery in all directions occurred in Episode C, particularly to the south of the Episode A founding cemetery population (see Figure 280). The southern Episode C burials, in several short rows, constitute the primary burial features within the cemetery where several varieties of Ripley Engraved vessels were placed as funerary offerings (in Burials 5, 6, 8, 23, and 30-31) that have distinctive tick marks (not a common decorative attribute of Ripley Engraved carinated bowls, see Suhm and Jelks 1962; Thurmond 1990) on rim panel motifs. This same southern area is also the primary area where both classic (in Burials 6-7, 15, 30-31) and non-classic (in Burials 6, 29, and 30) Ripley Engraved, *var. McKinney* vessels have been identified as funerary offerings in several graves. The two latest burials, in Episode D (see Table 20), occur along the western and southern edges of the Johns site cemetery.

In conclusion, then, the Johns site (41CP12) appears to have been used by Caddo peoples as a place of burial interments for kin-related families or lineages for perhaps as long as ca. 170 years (but probably for a shorter time than that), from the beginning of the Titus phase at ca. A.D. 1430 to the start of the 17th century A.D. We base this conclusion

on (1) the rarity of Talco arrow points in any of the burials (1.7% of the arrow points from only two burials, see Table 16); (2) the dominance of both Perdiz and Bassett arrow points (77% of the arrow points from 21 of the 35 burials), but as well the regular occurrence of Maud arrow points (accounting for 7.5% of the burial arrow points in seven of the 35 burials); (3) the rarity of classic Ripley Engraved, *var. McKinney* vessels; and (4) the common occurrence of earlier Ripley Engraved varieties, Johns Engraved, Wilder Engraved, *var. Wilder*, and both varieties of Turner Engraved. From the available evidence, the main use of the site (during episodes B and C) took place during much of the 15th century A.D. and some portion of the 16th century A.D. During that time, the Johns site cemetery grew from an early and relatively centrally-placed cluster of burials (Episode A) covering a ca. 10.7 x 7.3 m area (see Figure 280) to an expanded cemetery with added rows of later burials (Episodes B and C) and single interments (Episode D) in all directions from the Episode A burials. At the abandonment of the Johns site cemetery by a local Titus phase Caddo group, the overall size of the cemetery was ca. 38 m north-south and 22 m east-west.

End Notes

1. Five vessels were inadvertently not photographed or documented from the Johns site during our documentation effort. These vessels were in a single box at the Johns residence. They include: Burial 3, Pot 7 (a large, 30 cm diameter, Ripley Engraved carinated bowl; Burial 11, Pot 8 (small plain bowl ca. 10-13 cm in orifice diameter); Burial 16, Pot 5 (a small Ripley Engraved bowl with four rim peaks); Burial 21, Pot 3 (a tall jar with diagonal parallel incised lines and small punctations between the incised lines); and Burial 28, Pot 9 (a plain red-slipped jar with inverted rim, 25 cm in height).

2. The classic Ripley Engraved, *var. McKinney* motif includes the upper and lower rows of pendant triangles, four repeating sets of central circles and diamonds, and central horizontal engraved line and upper and lower brackets that connect with the upper and lower rows of pendant triangles (Thurmond 1990:Figure 6a). Non-classic *var. McKinney* examples from the site (seven vessels from Burials 6, 27, 29, 30, and 34) have the following: (a) only central circle elements or central diamond elements, not both; (b) double sets of upper and lower pendant triangles; (c) upper and lower scroll fill zones interspersed with the pendant triangles, and some areas at the rim and carination lack pendant triangles; (d) central element motif divided by vertical excised brackets that extend from the rim to the carination; and (e) extra large pendant triangles alternating with scroll fill elements and zones.

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Table 19. Distribution of engraved fine ware types and varieties by burial feature at the Johns site.

Burial No.	Ripley Engraved, varieties									
	McKinney	Gandy	Galt	Caldwell	Cash	Carpenter	Pilgrims	Williams	Reed	Hor. Diamond
1	-	1	-	-	-	1	-	-	-	-
2	-	-	1	-	-	2	-	-	-	1
3	-	-	1	-	-	-	-	2	-	1
4	-	-	-	-	-	-	-	-	-	-
5	-	1	1	-	2	-	-	-	-	-
6	1	-	-	-	1	-	-	-	-	-
7	1	-	-	-	-	-	-	-	-	-
8	-	1	-	-	-	-	-	-	-	-
9	-	-	1	-	-	1	-	-	1	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	1	1	-	-	1	-	-
12	-	1	1	-	-	-	-	-	-	-
13	-	-	1	-	-	1	-	-	-	-
14	-	1	-	-	1	-	-	1	-	-
15	1	-	1	-	-	-	-	-	-	-
16	-	1	3	-	1	1	-	-	-	-
17	-	-	-	-	-	-	-	1	-	-
18	-	1	-	-	1	-	-	-	-	-
19	-	1	-	-	-	-	1	2	2	-
20	-	-	-	-	-	2	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	1	-	1	-	-	-	-	-
23	-	-	2	-	-	1	-	-	-	-
24	1	-	1	-	-	1	-	-	-	-
25	-	1	-	-	1	-	-	-	-	-
26	-	-	-	-	1	-	-	-	-	-
27	2	-	1	-	-	-	-	-	-	-
28	-	-	2	-	1	1	-	-	-	-
29	1	3	1	-	-	-	-	-	-	-

Table 19. Distribution of engraved fine ware types and varieties by burial feature at the Johns site, cont.

Burial No.	Ripley Engraved, varieties									
	McKinney	Gandy	Galt	Caldwell	Cash	Carpenter	Pilgrims	Williams	Reed	Hor. Diamond
30	2	2	-	-	-	-	-	-	-	-
31	1	-	1	1	-	1	-	-	-	-
32	-	-	-	1	-	-	-	-	-	-
33	-	-	2	1	-	1	-	-	-	-
34	2	-	-	1	-	-	-	1	-	-
35	1	-	2	-	1	1	-	-	-	-
No. of burials with these varieties	10	11	17	5	11	12	1	6	2	2

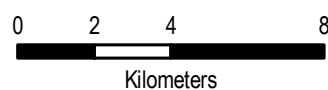
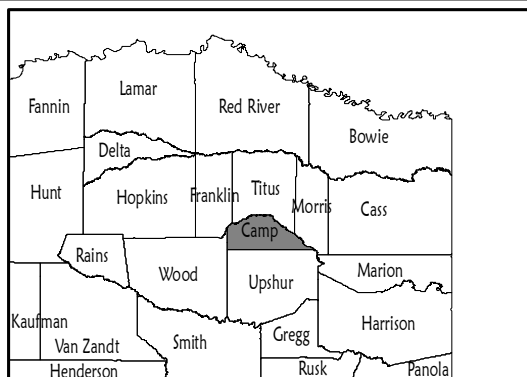
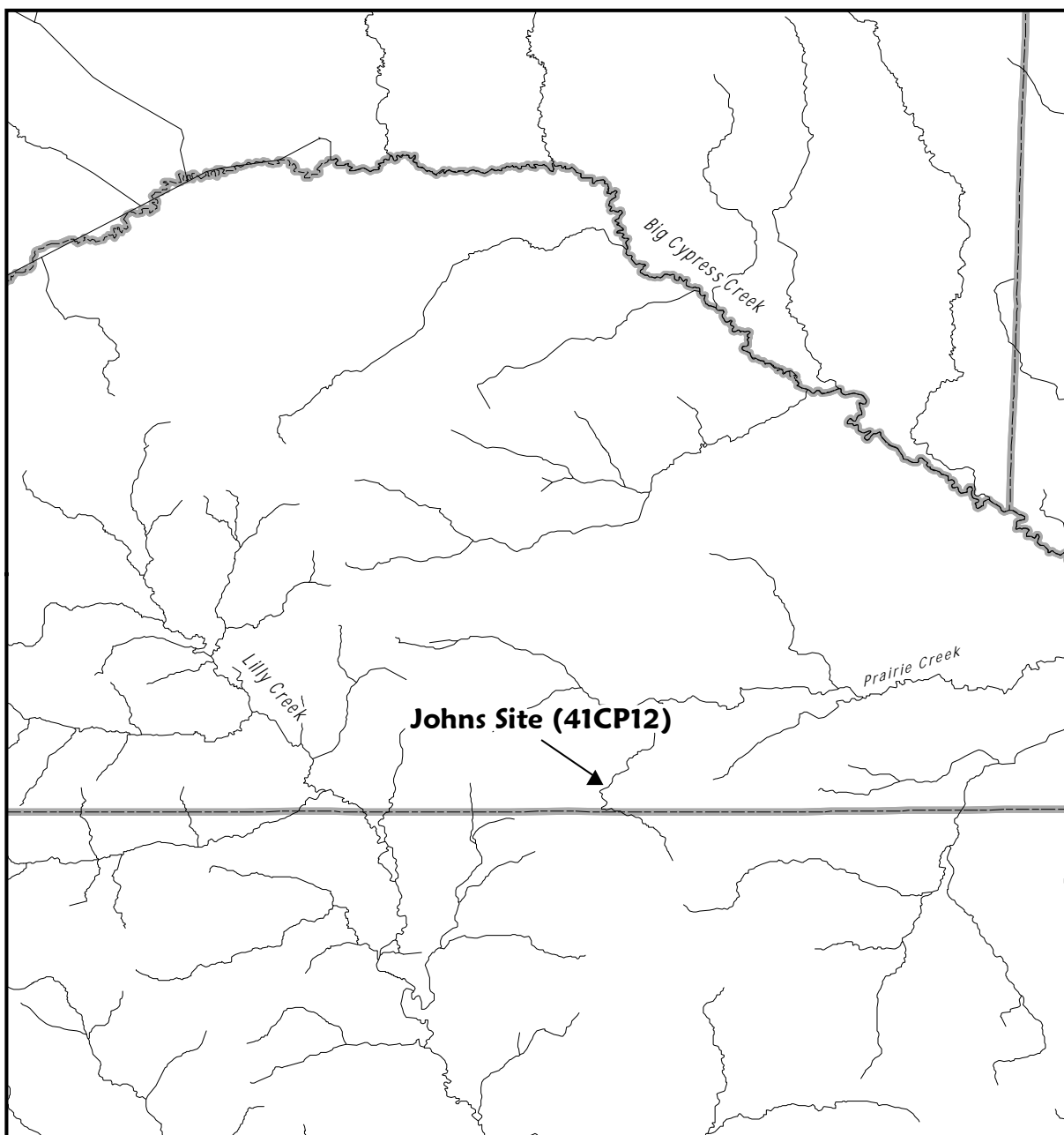
Burial No.	Other Engraved types						
	Johns Engraved	Wilder Engraved, <i>var. Wilder</i>	Turner Engraved, <i>var. Turner</i>	Turner Engraved, <i>var. Horton</i>	Simms Engraved	Bailey Engraved	Hood Engraved
1	-	-	-	-	-	-	-
2	-	1	1	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	1	-	-	-
5	-	1	1	-	-	-	-
6	-	1	-	-	1	-	-
7	-	-	-	-	-	-	-
8	-	1	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-

Table 19. Distribution of engraved fine ware types and varieties by burial feature at the Johns site, cont.

Burial No.	Other Engraved types						
	Johns Engraved	Wilder Engraved <i>var. Wilder</i>	Turner Engraved, <i>var. Turner</i>	Turner Engraved, <i>var. Horton</i>	Simms Engraved	Bailey Engraved	Hood Engraved
11	1	-	1	-	-	-	-
12	-	1	-	-	-	-	-
13	1	-	-	-	-	-	-
14	-	1	1	-	-	-	-
15	-	-	-	-	-	-	-
16	1	-	-	-	-	-	-
17	-	1	-	-	-	-	-
18	-	1	2	2	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	2	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	1	-
25	-	2	-	-	-	-	-
26	1	-	-	1	-	-	-
27	1	-	1	-	-	-	-
28	1	-	-	-	-	-	-
29	-	1	-	-	-	-	-
30	-	1	-	-	1	-	-
31	-	-	-	-	-	-	-
32	-	-	1	1	-	-	1
33	-	-	1	-	-	-	-
34	-	1	-	-	-	-	-

Table 19. Distribution of engraved fine ware types and varieties by burial feature at the Johns site, cont.

Burial No.	Other Engraved types						
	Johns Engraved	Wilder Engraved <i>var. Wilder</i>	Turner Engraved, <i>var. Turner</i>	Turner Engraved, <i>var. Horton</i>	Simms Engraved	Bailey Engraved	Hood Engraved
35	-	1	-	-	-	-	-
No. of burials with these types and varieties	6	13	8	5	2	1	1



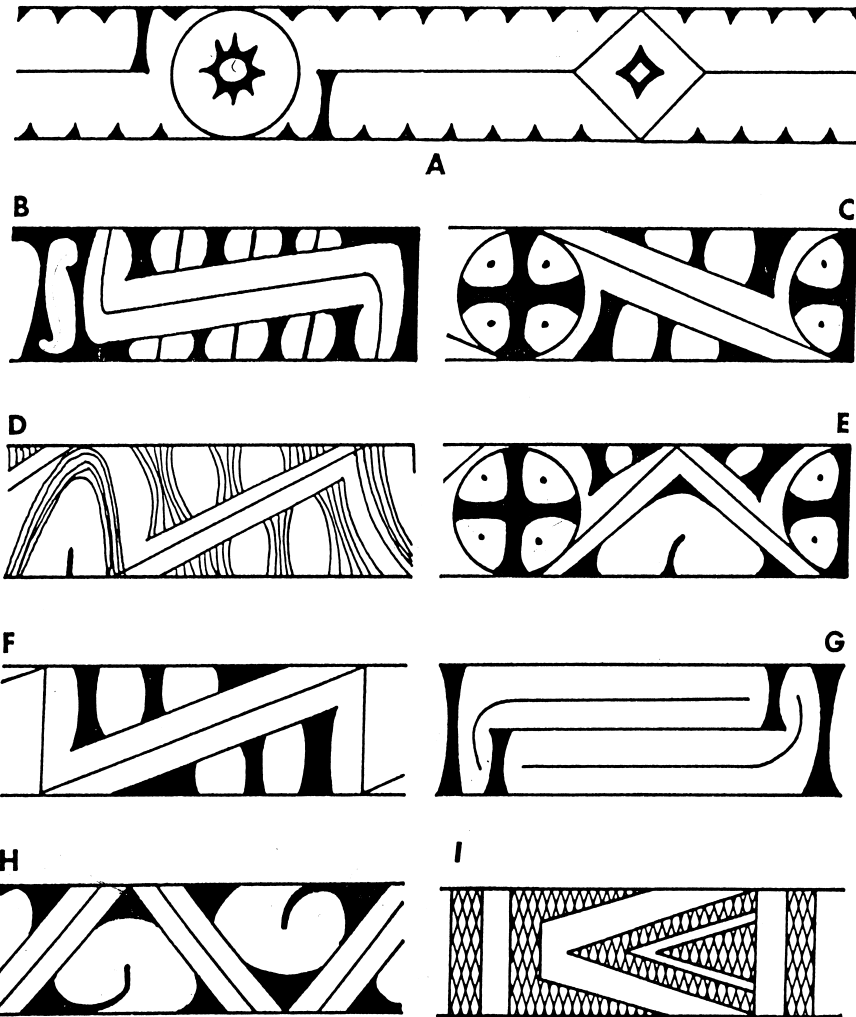


Figure 2a-i

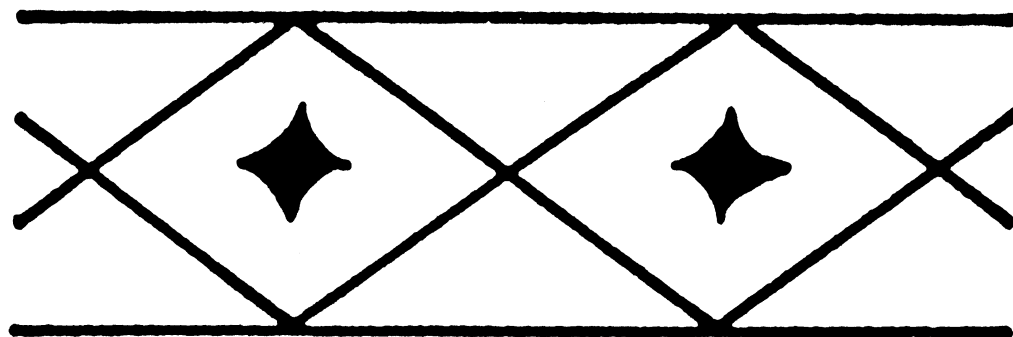
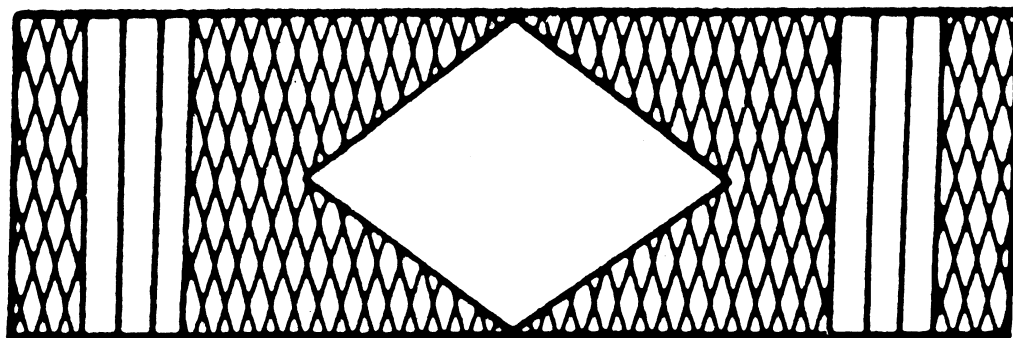


Figure 2j-k

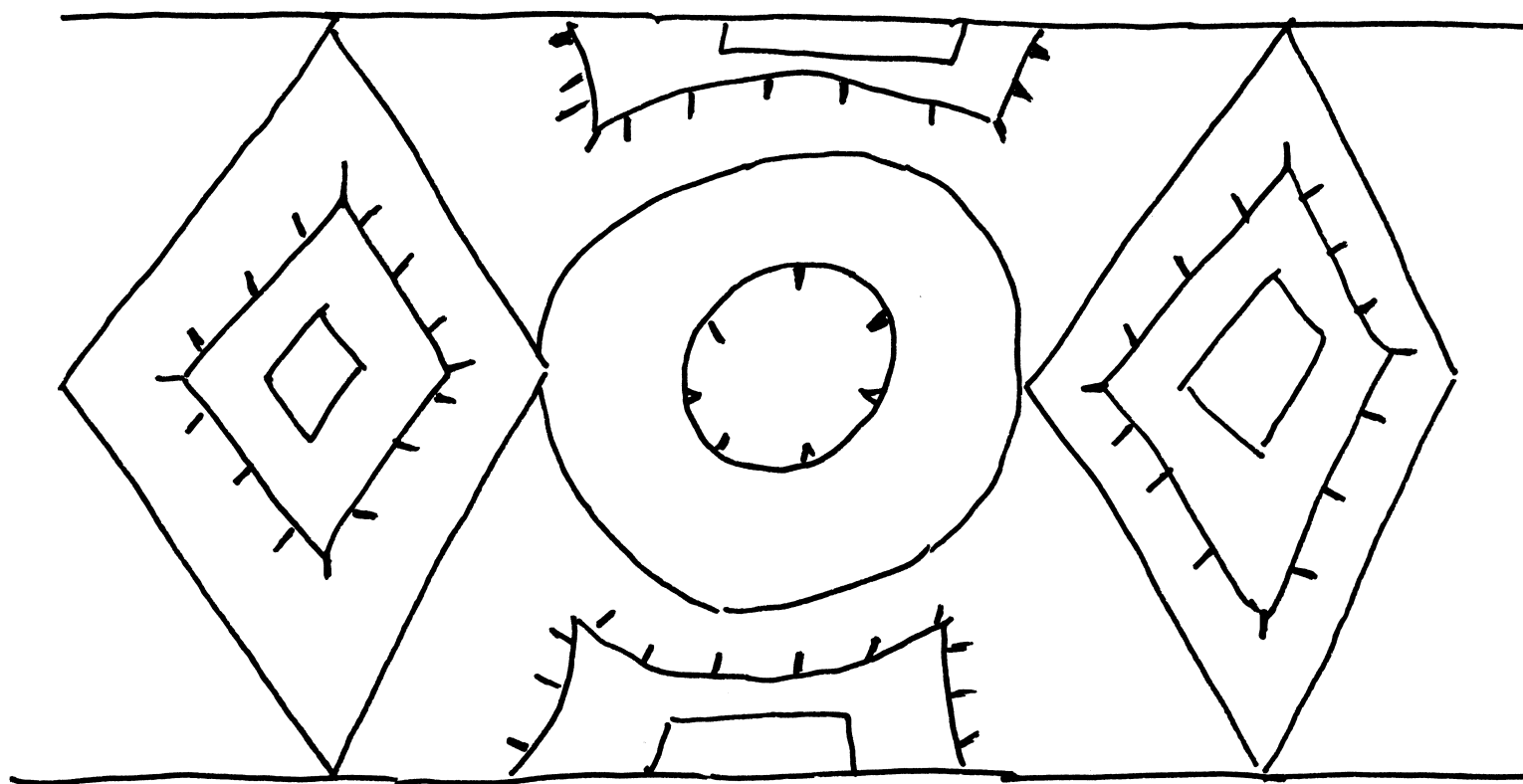


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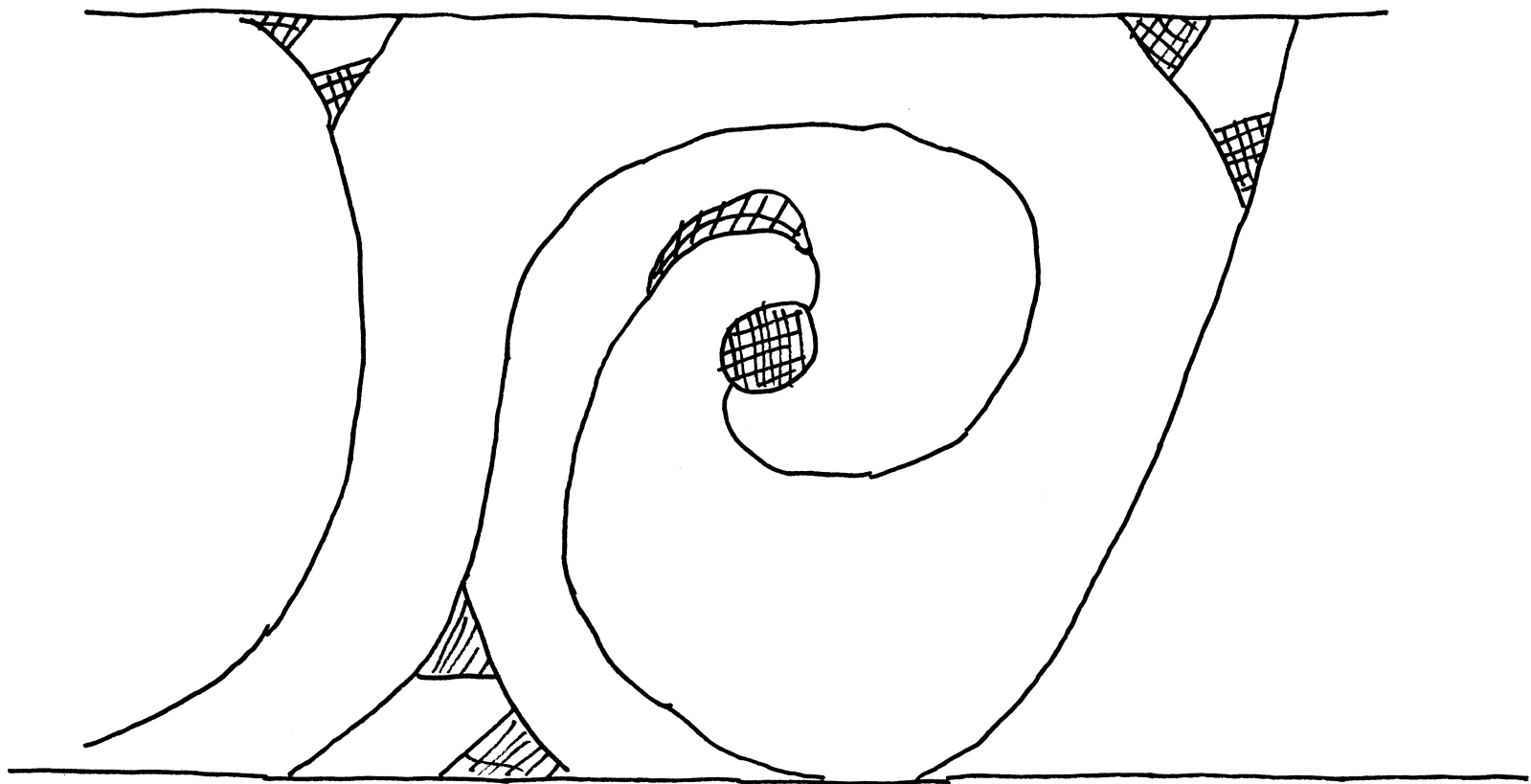


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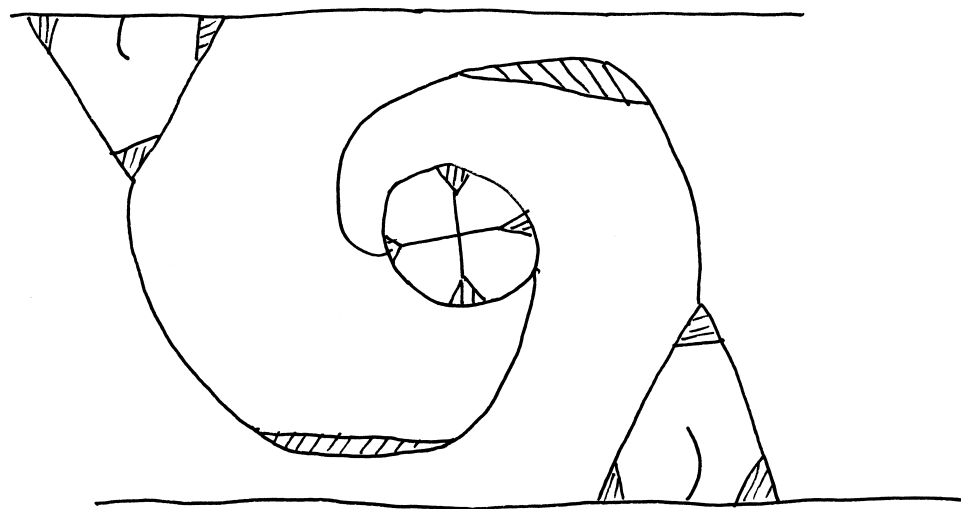
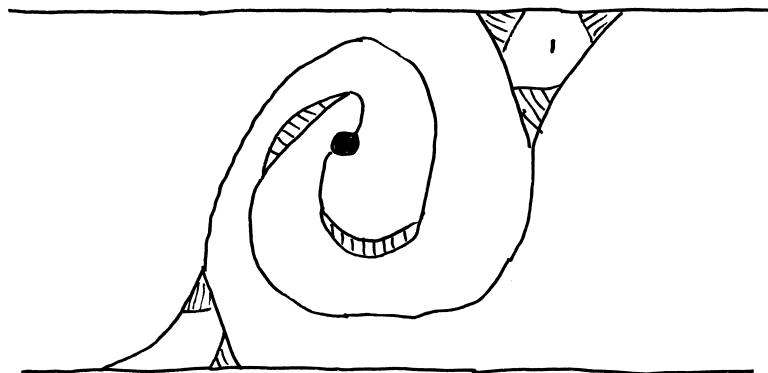


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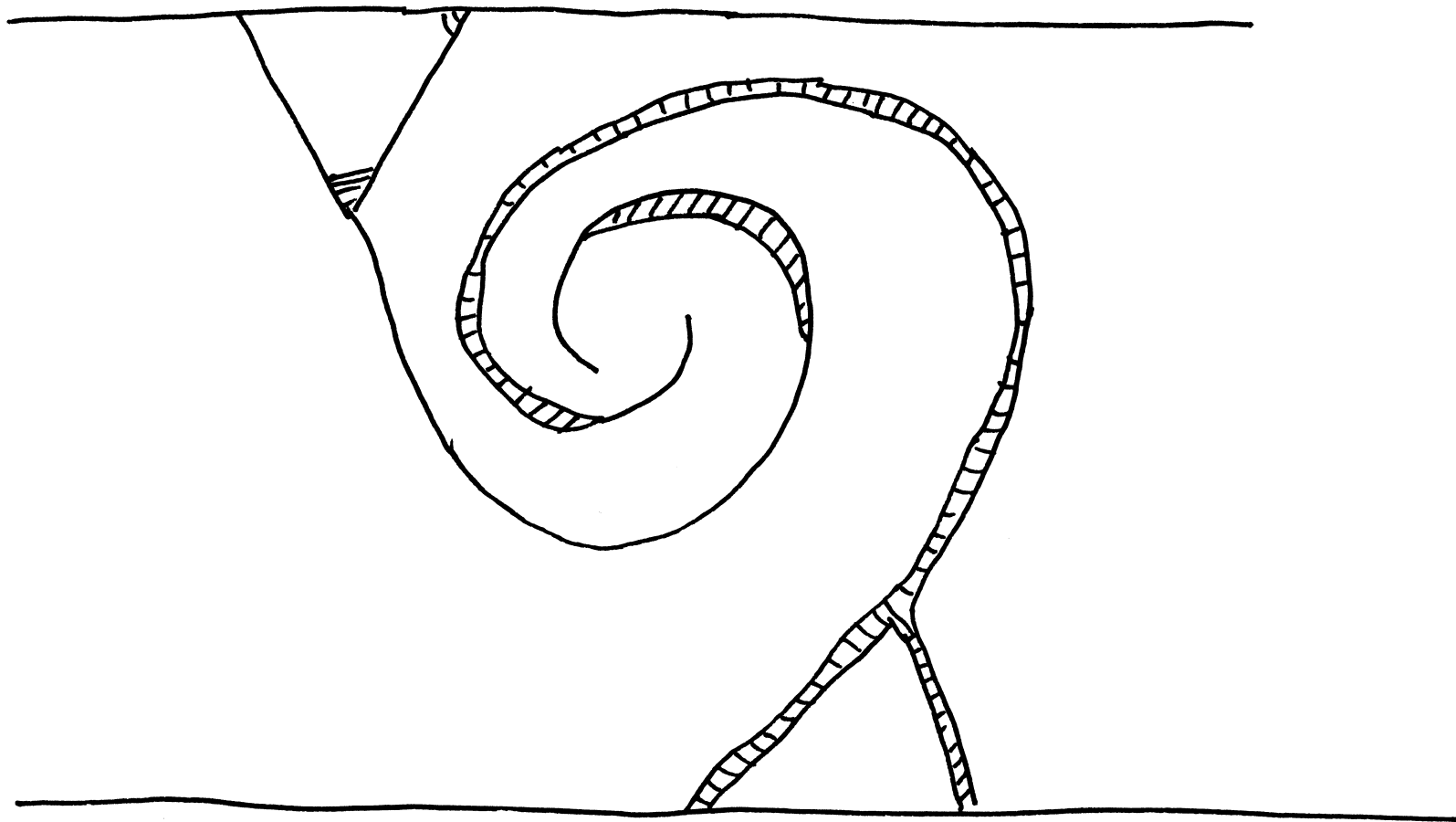


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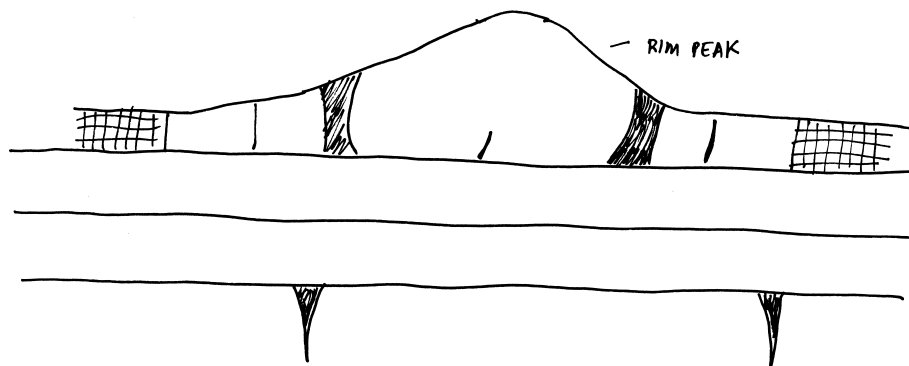
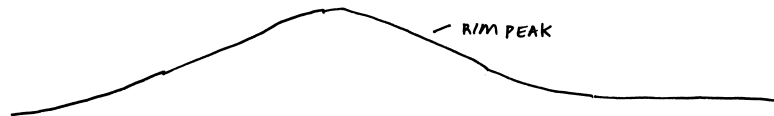
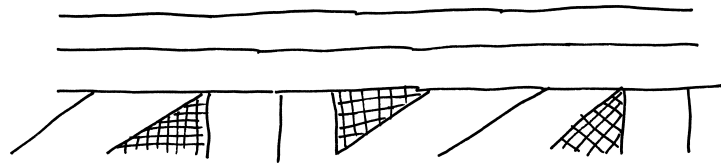


Figure 5a-d

Figure John's Project Cemetery Plan

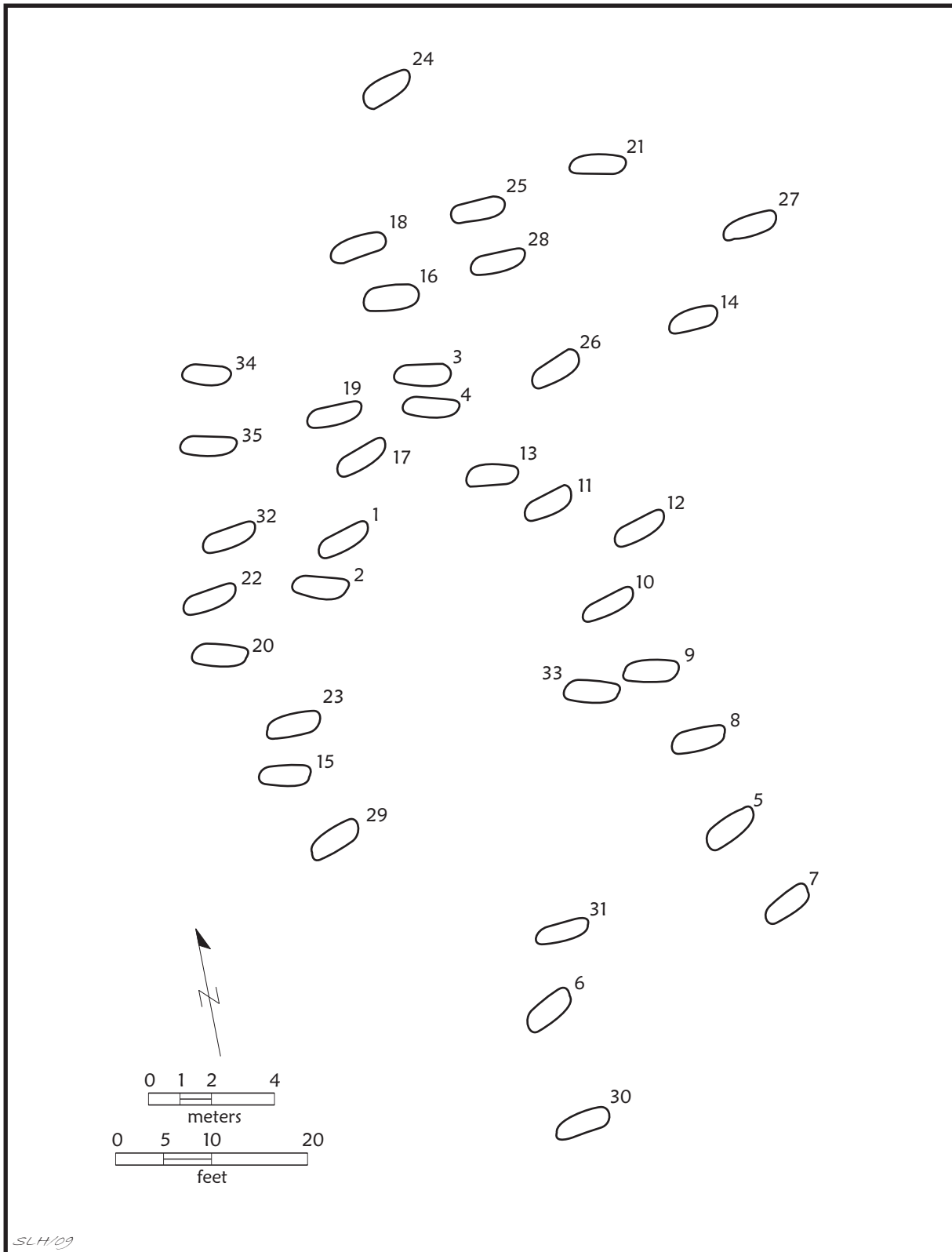


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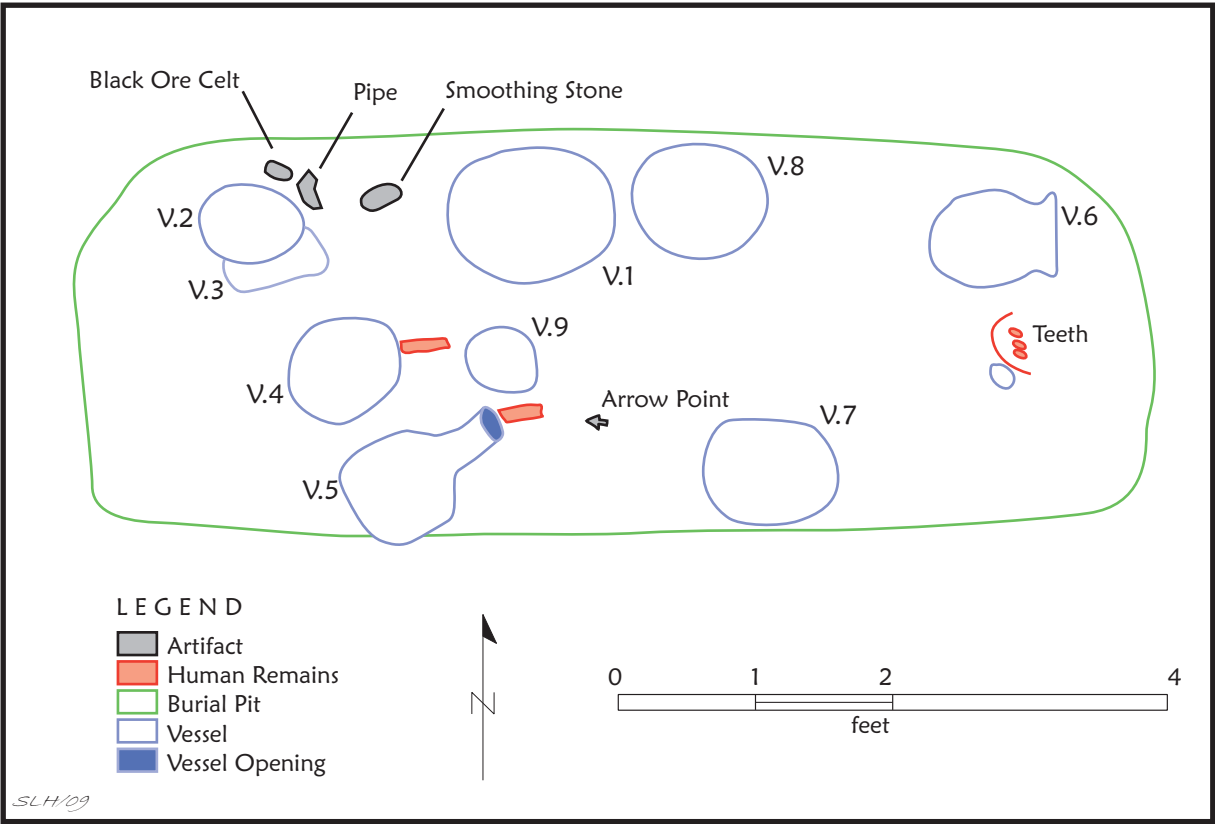


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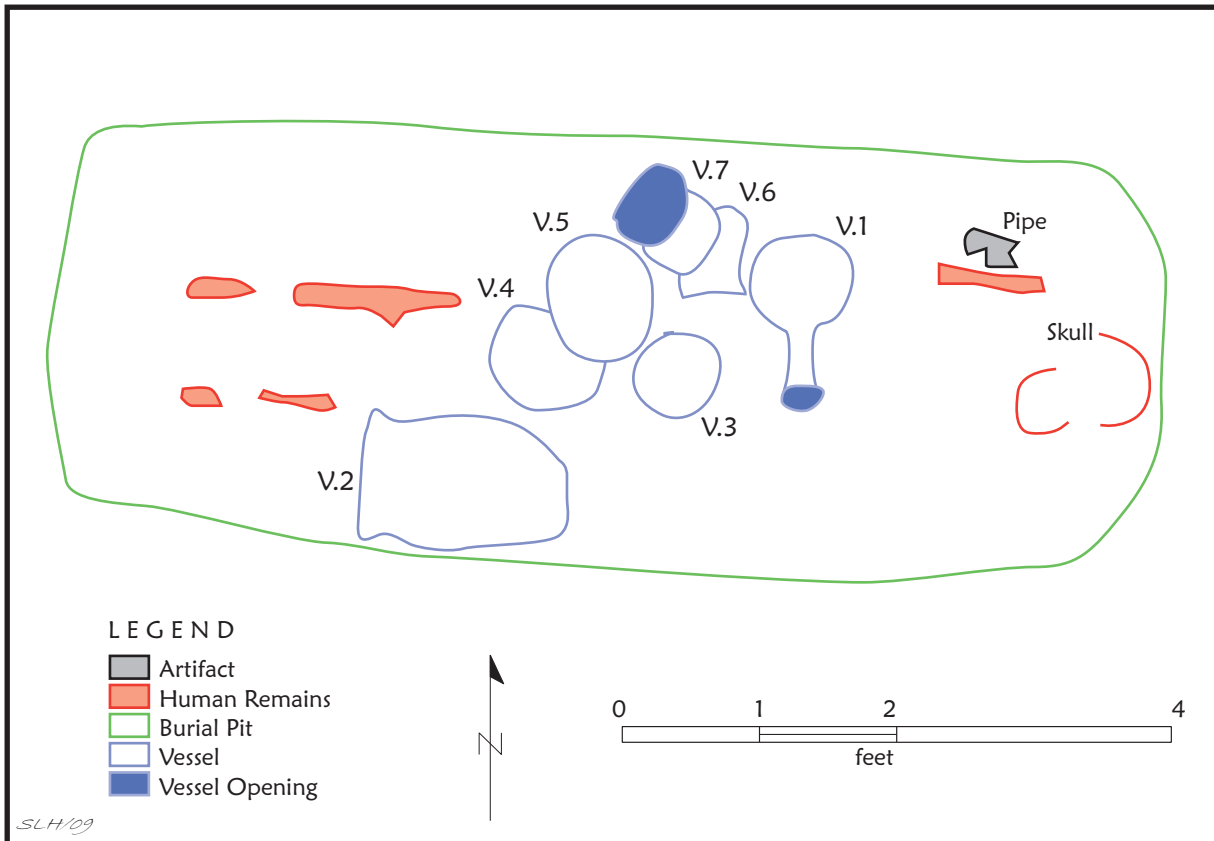


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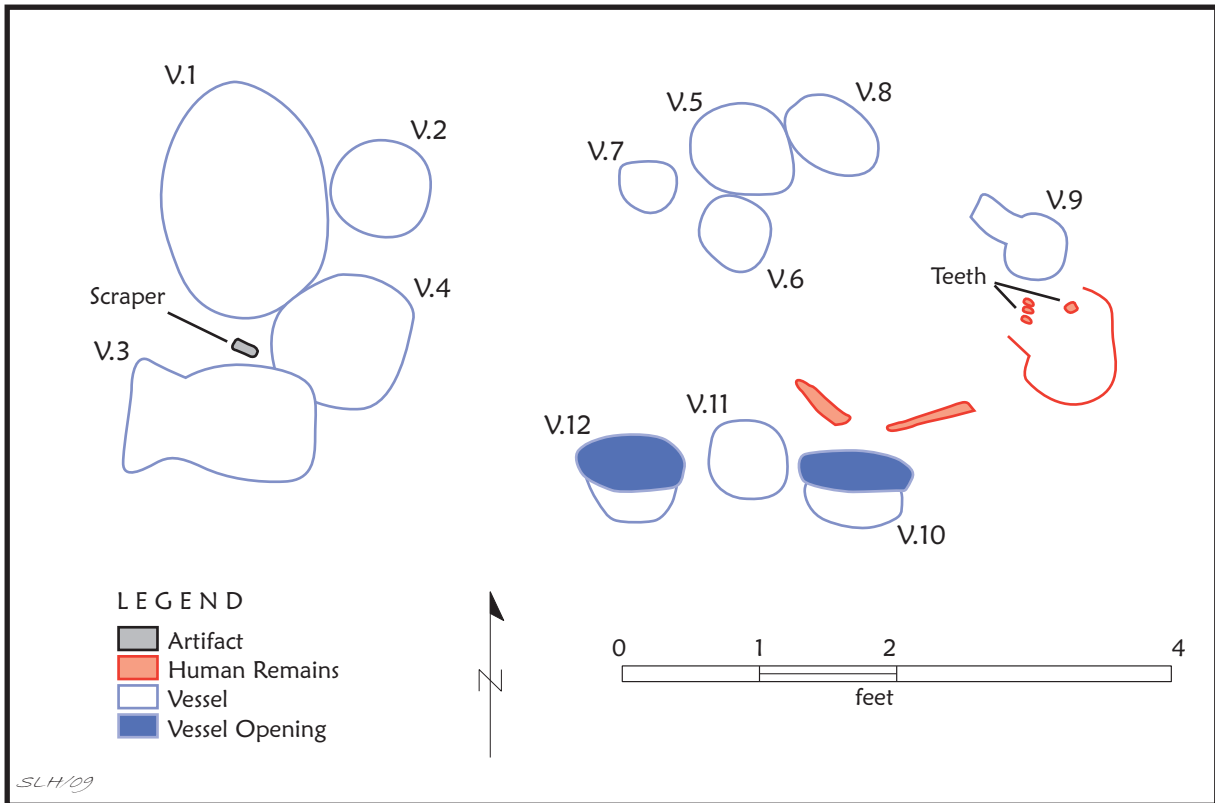


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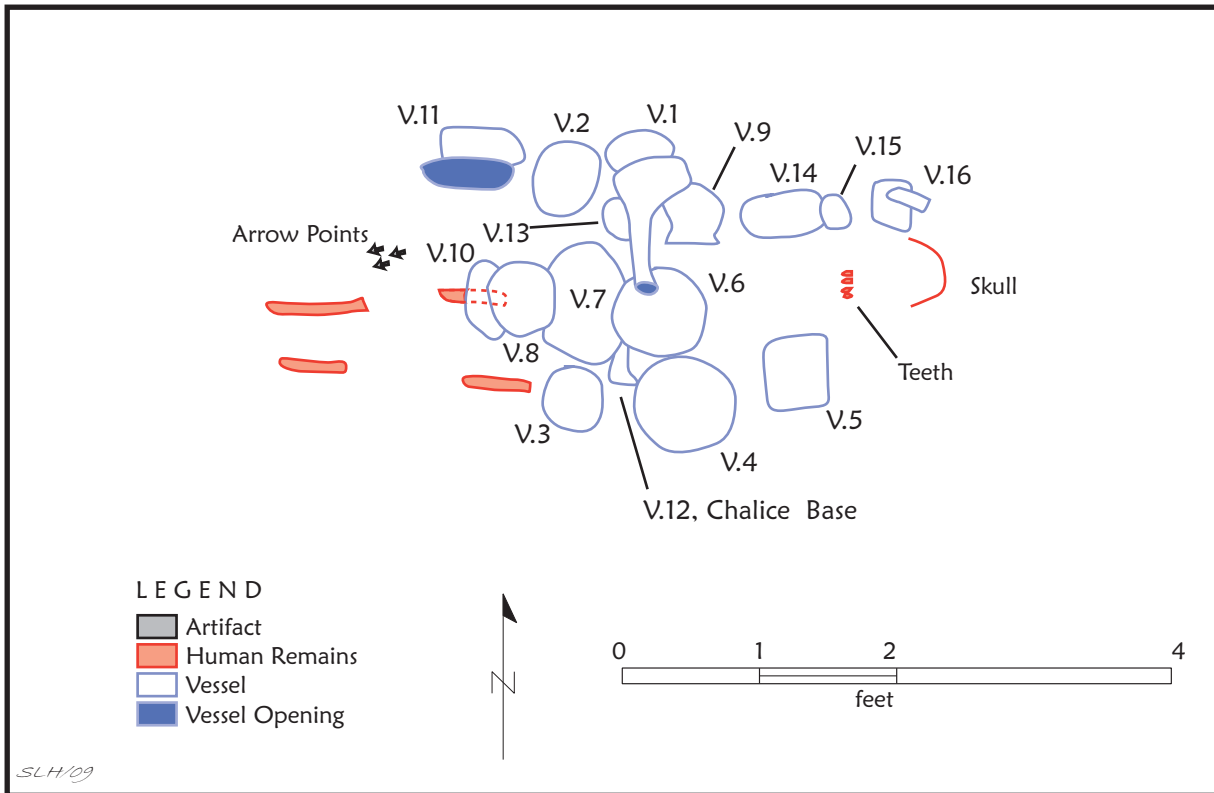


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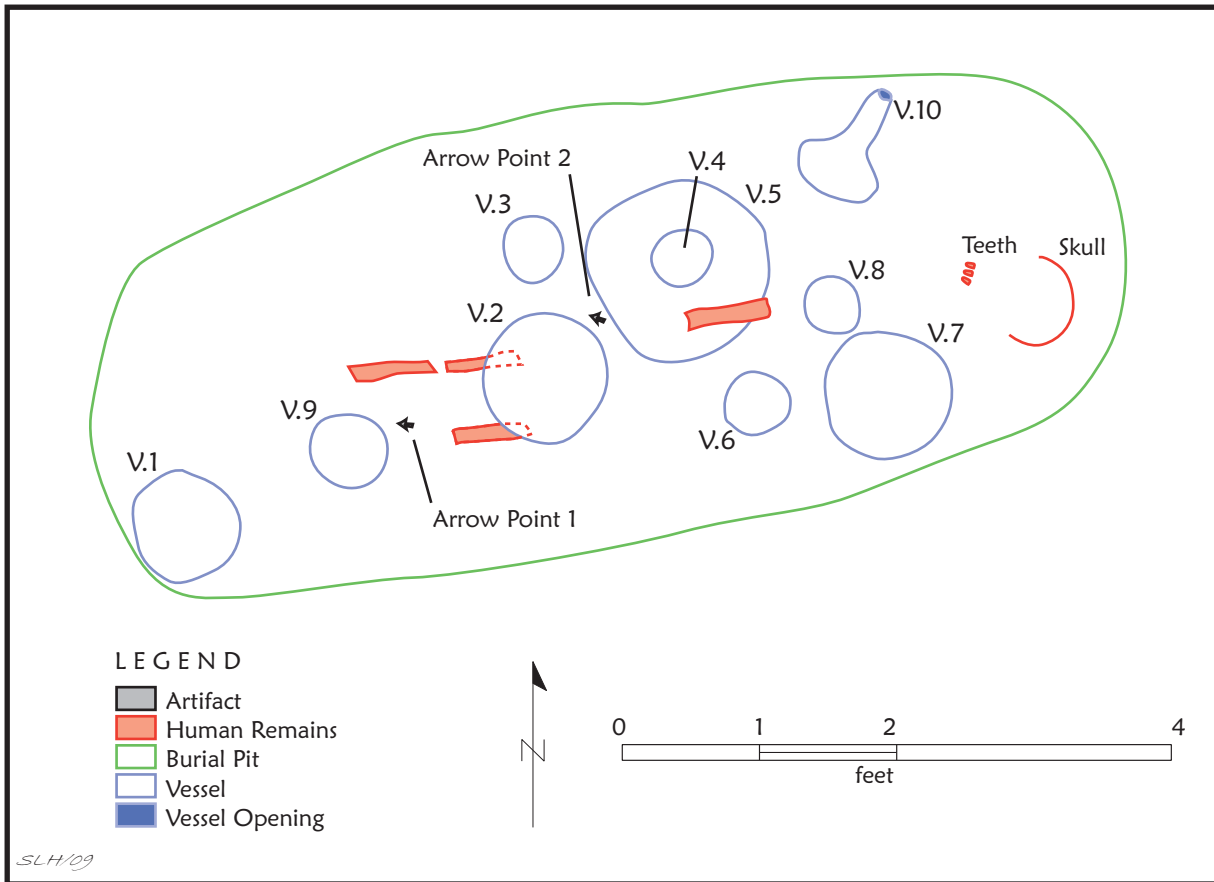


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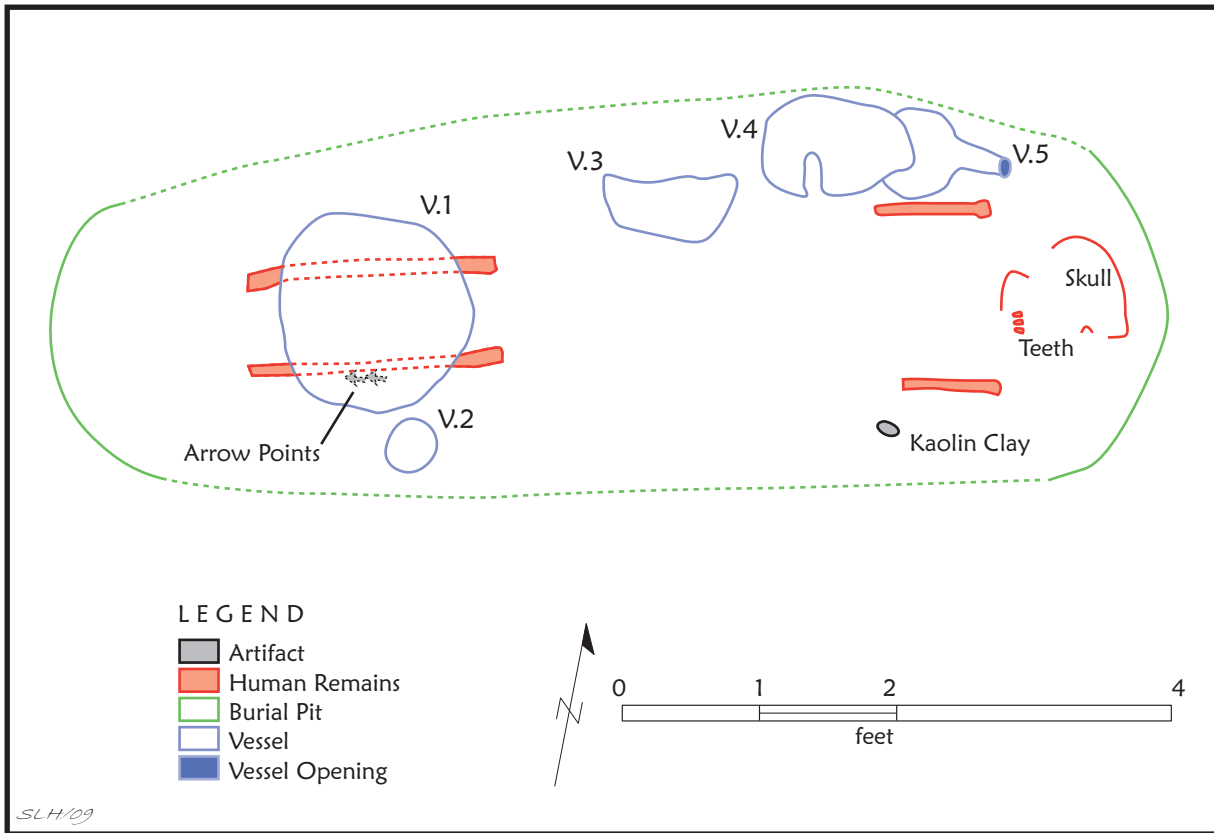


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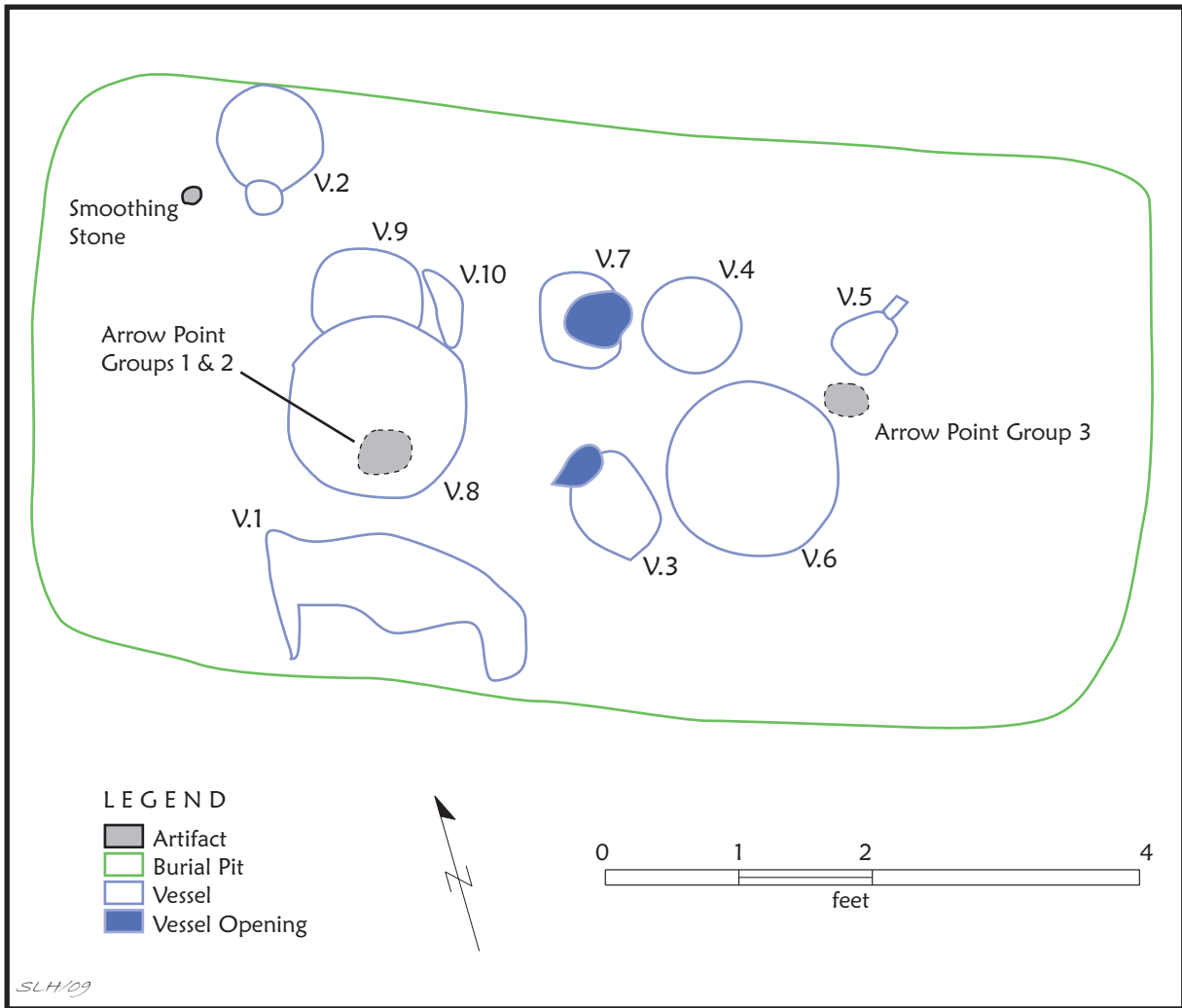


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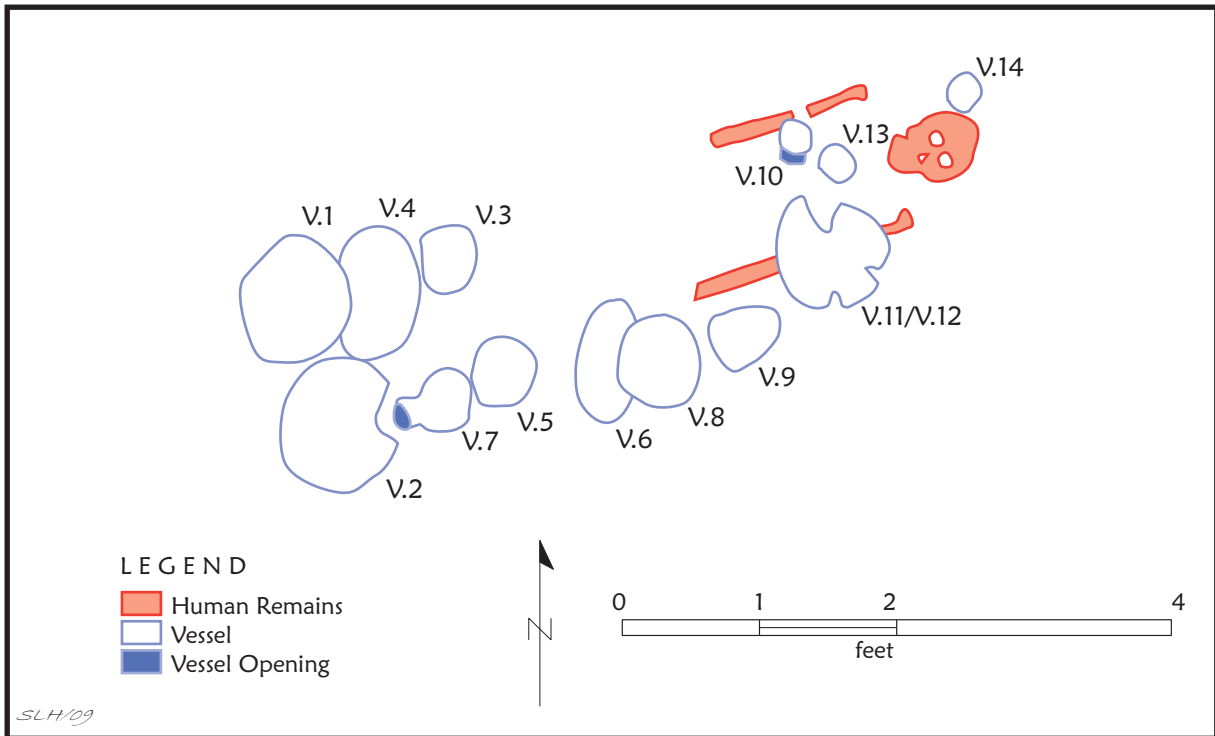




Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13



Figure 14



Figure 15



Figure 16



Figure 17



Figure 18



Figure 19



Figure 20



Figure 20



Figure 21



Figure 22



Figure 23



Figure 24



Figure 25



Figure 26



Figure 27



Figure 28



Figure 29



Figure 30



Figure 31



Figure 32



Figure 33



Figure 34



Figure 35



Figure 36



Figure 37



Figure 38



Figure 39



Figure 40



Figure 41



Figure 42



Figure 43



Figure 44



Figure 45



Figure 46



Figure 47



Figure 48



Figure 49



Figure 50



Figure 51



Figure 52



Figure 53



Figure 54



Figure 55



Figure 56



Figure 57



Figure 58



Figure 59



Figure 60



Figure 61



Figure 62



Figure 63



Figure 64



Figure 65



Figure 66



Figure 67



Figure 68



Figure 69



Figure 70



Figure 71



Figure 72



Figure 73



Figure 74



Figure 75



Figure 76



Figure 77



Figure 78



Figure 79



Figure 80



Figure 81



Figure 82



Figure 83



Figure 84



Figure 85



Figure 86



Figure 87



Figure 88



Figure 89



Figure 90



Figure 91



Figure 92



Figure 93



Figure 94



Figure 95



Figure 96



Figure 97



Figure 98



Figure 99



Figure 100



Figure 101



Figure 102



Figure 103



Figure 104



Figure 105



Figure 106



Figure 107



Figure 108



Figure 109



Figure 110



Figure 111



Figure 112



Figure 113



Figure 114



Figure 115



Figure 116



Figure 117



Figure 118



Figure 119



Figure 120



Figure 121



Figure 122



Figure 123



Figure 124



Figure 125



Figure 126



Figure 127



Figure 128



Figure 129



Figure 130



Figure 131



Figure 132



Figure 133



Figure 134



Figure 135



Figure 136



Figure 137



Figure 138



Figure 139



Figure 140



Figure 141



Figure 142

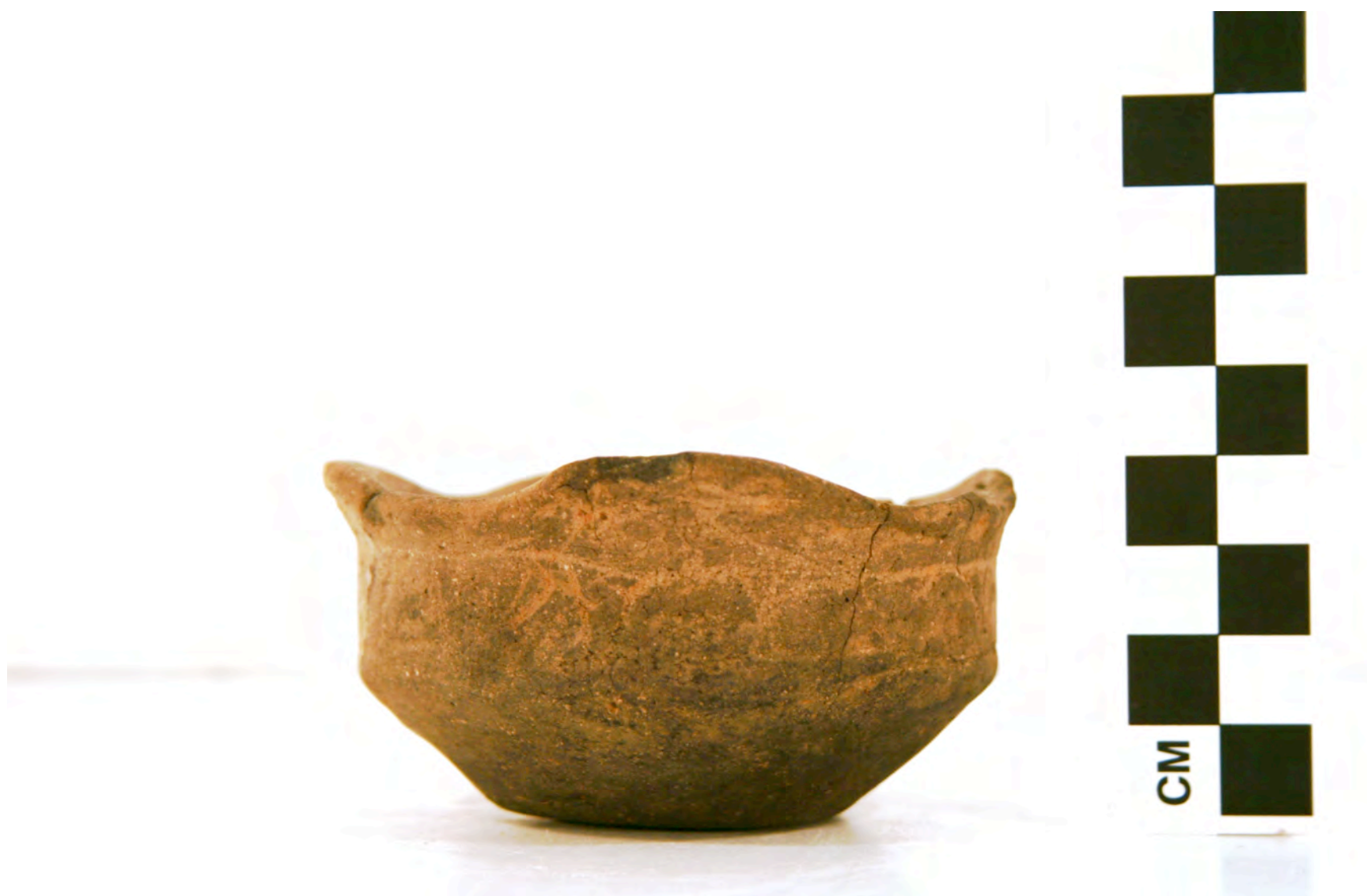


Figure 143



Figure 144



Figure 145



Figure 146



Figure 147



Figure 148



Figure 149



Figure 150



Figure 151



Figure 152



Figure 153



Figure 154



Figure 155



Figure 156



Figure 157



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



Figure 175



Figure 176



Figure 177



Figure 178



Figure 179



Figure 180



Figure 181



Figure 182



Figure 183



Figure 184



Figure 185



Figure 186



Figure 187



Figure 188



Figure 189



Figure 190



Figure 191



Figure 192



Figure 193



Figure 194



Figure 195



Figure 196a



Figure 196b



Figure 197



Figure 198



Figure 199



Figure 200

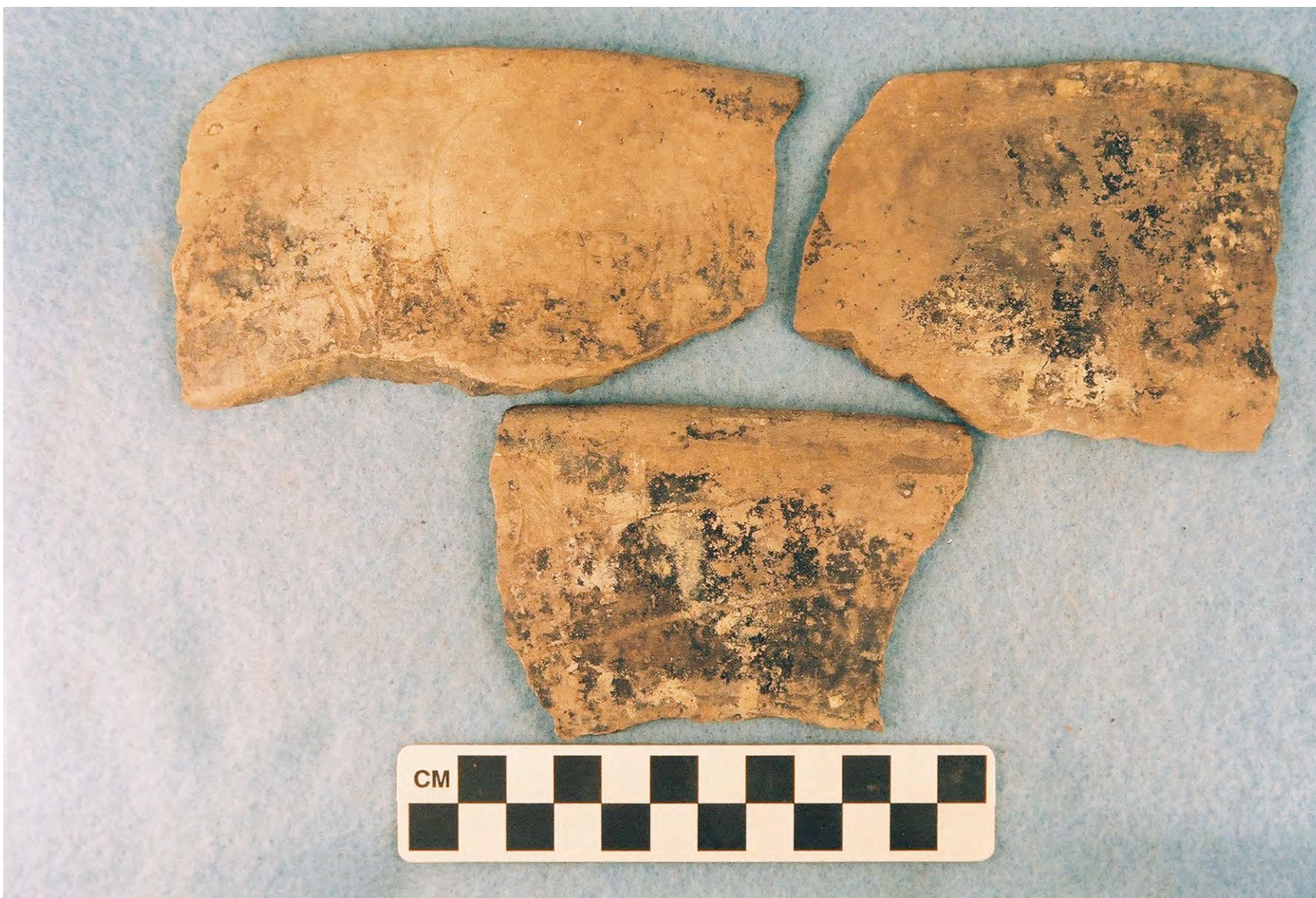


Figure 201



Figure 202



Figure 203



Figure 204



Figure 205



Figure 206



Figure 207



Figure 208



Figure 209



Figure 210



Figure 211



Figure 212



Figure 213



Figure 214



Figure 215



Figure 216



Figure 217

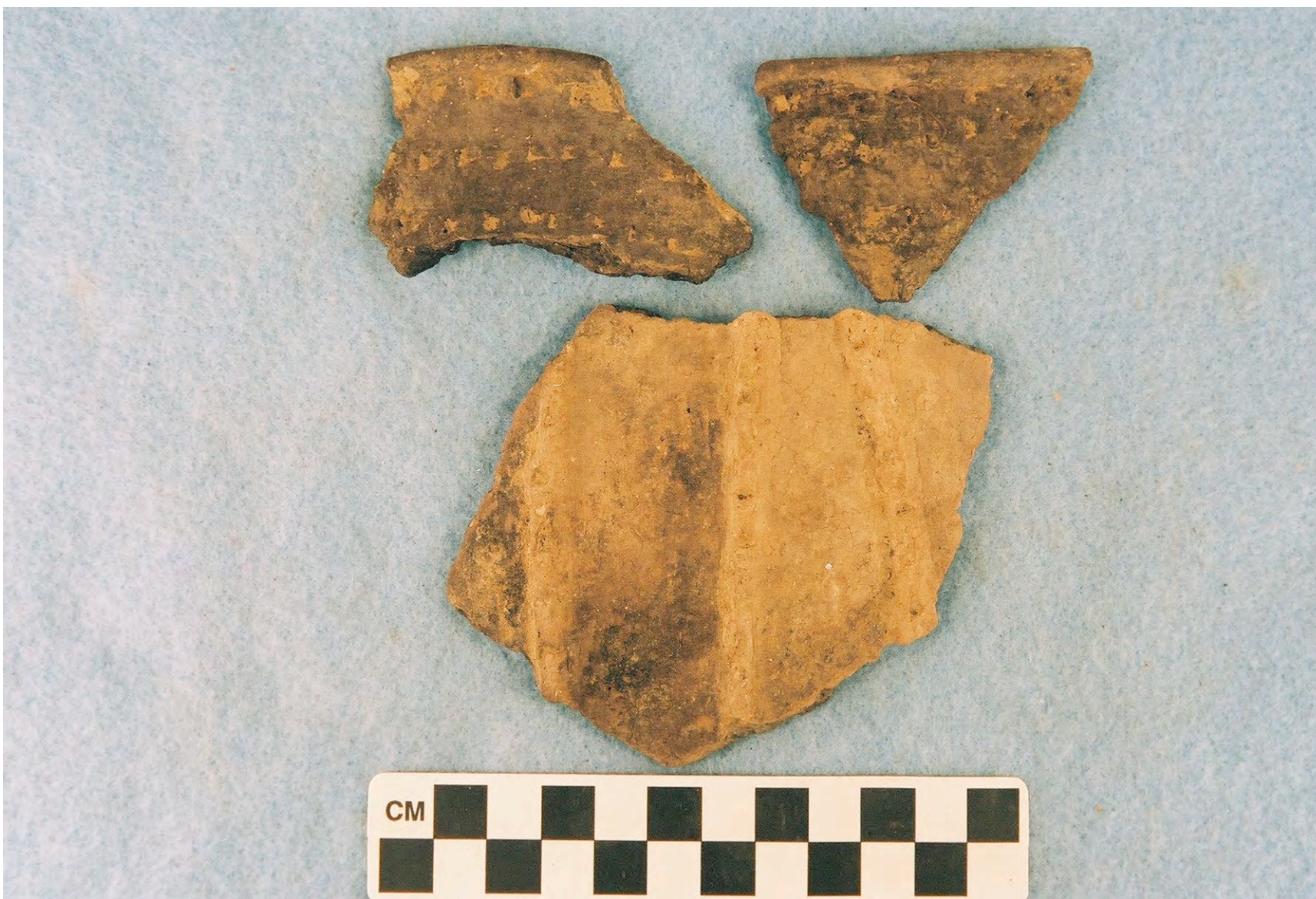


Figure 218



Figure 219



Figure 220



Figure 221



Figure 223



Figure 224



Figure 225



Figure 226



Figure 227



Figure 228



Figure 229



Figure 230



Figure 231



Figure 232



Figure 233



Figure 234



Figure 235



Figure 236



Figure 237



Figure 238



Figure 239



Figure 240



Figure 241



Figure 242



Figure 243



Figure 244



Figure 245



Figure 246



Figure 247



Figure 248



Figure 249



Figure 250



Figure 251



Figure 252



Figure 253



Figure 254



Figure 255



Figure 256



Figure 257



Figure 258



Figure 259



Figure 260



Figure 261



Figure 262a



Figure 262b



Figure 263a

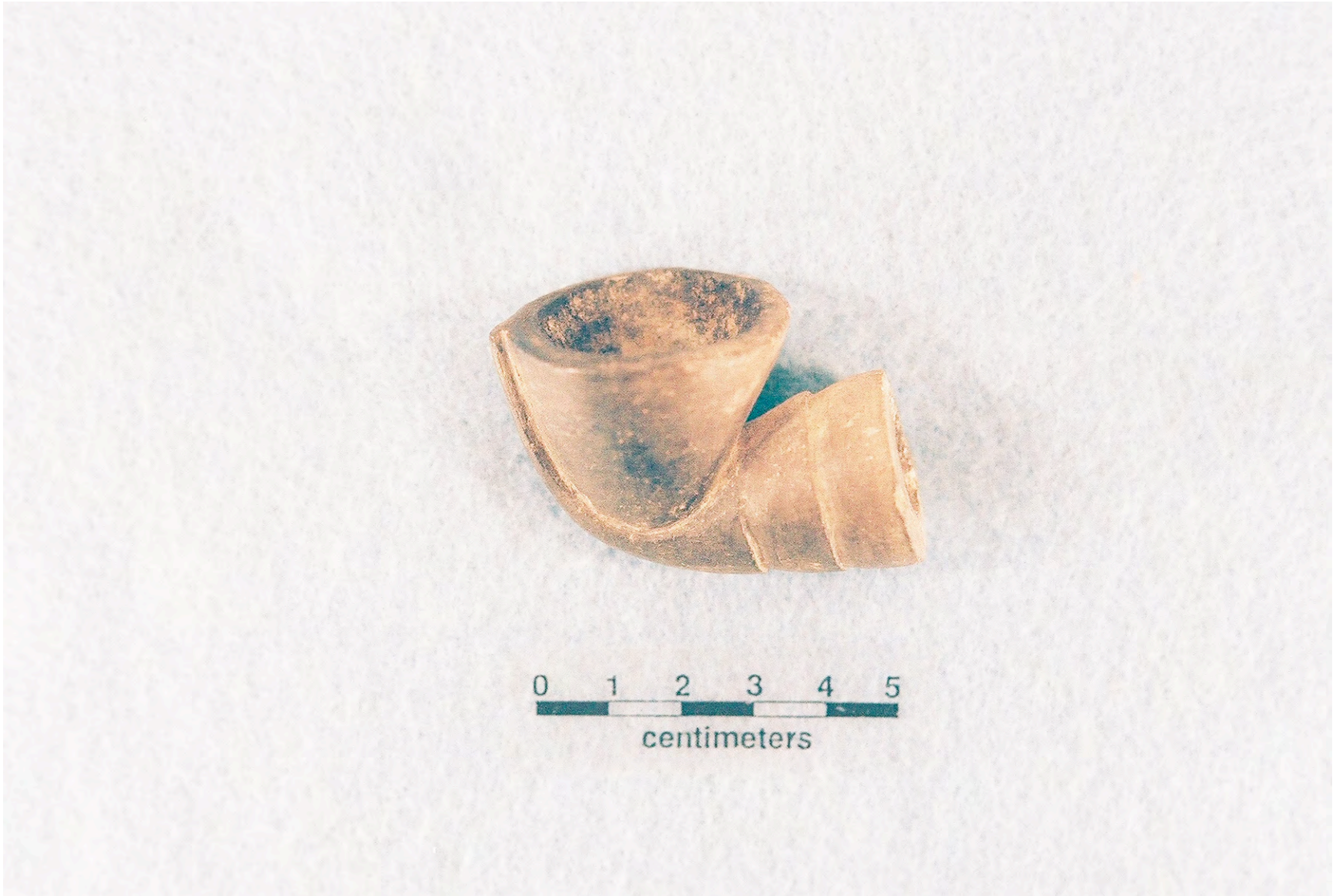


Figure 263b

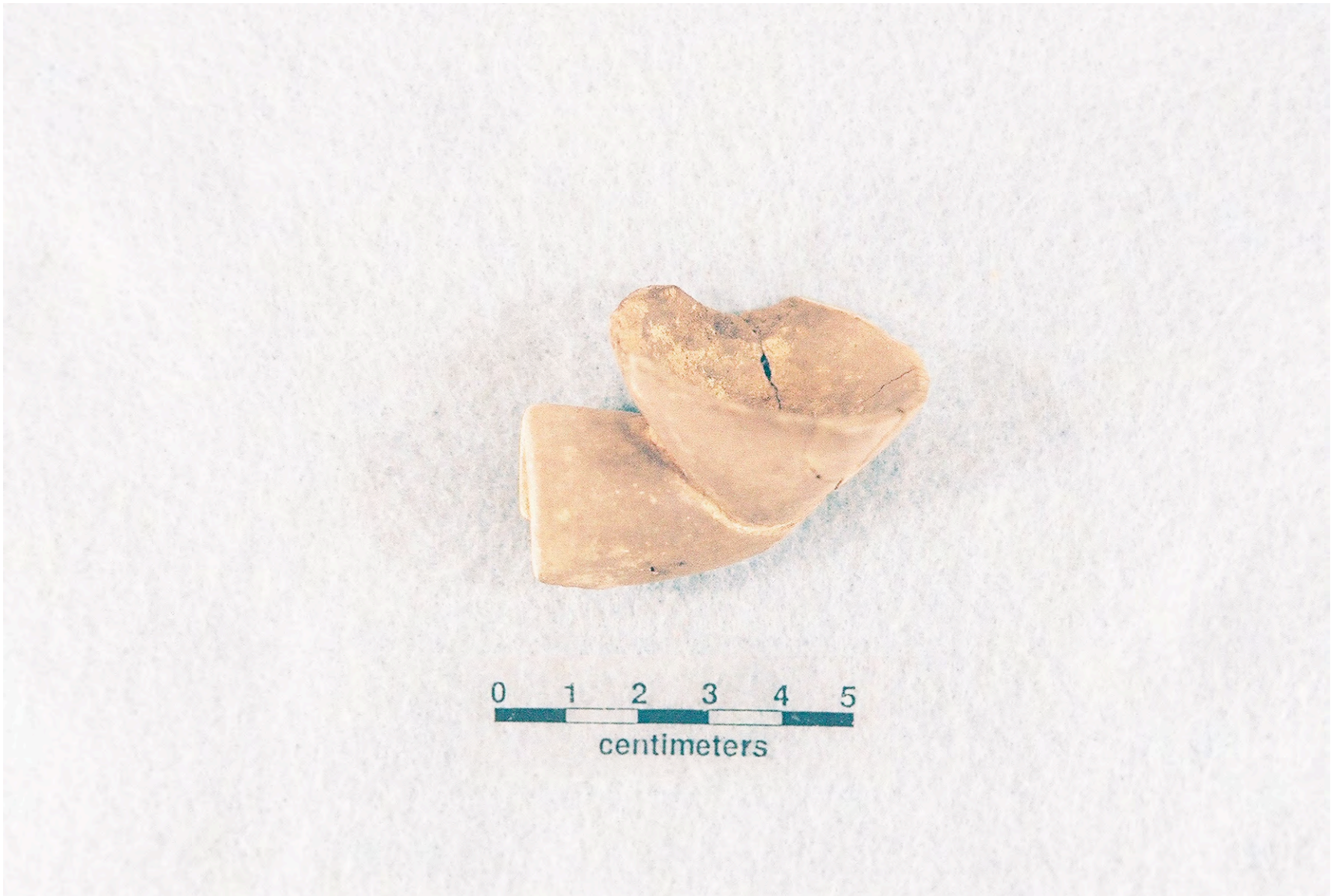


Figure 263c



Figure 263d

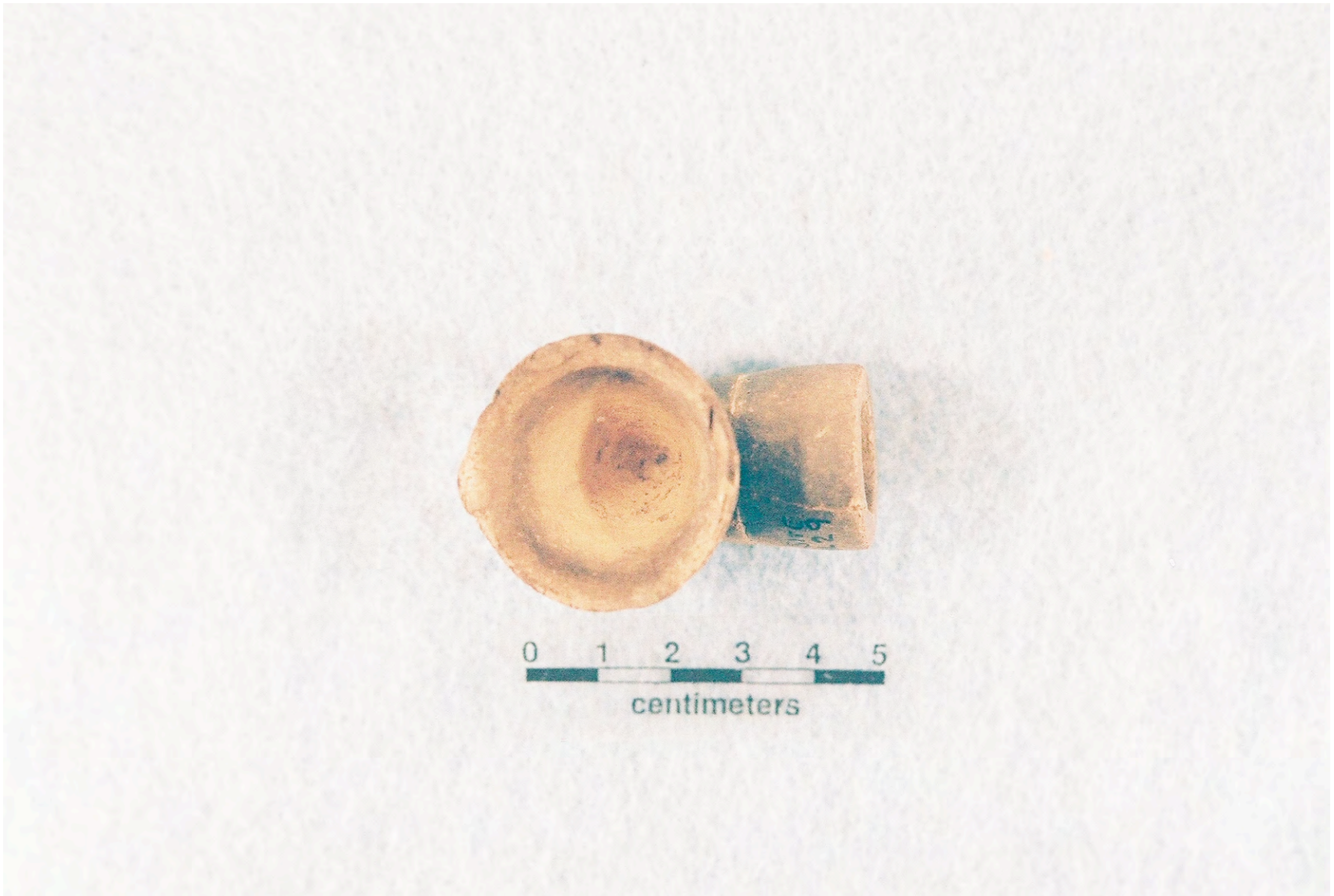


Figure 263e

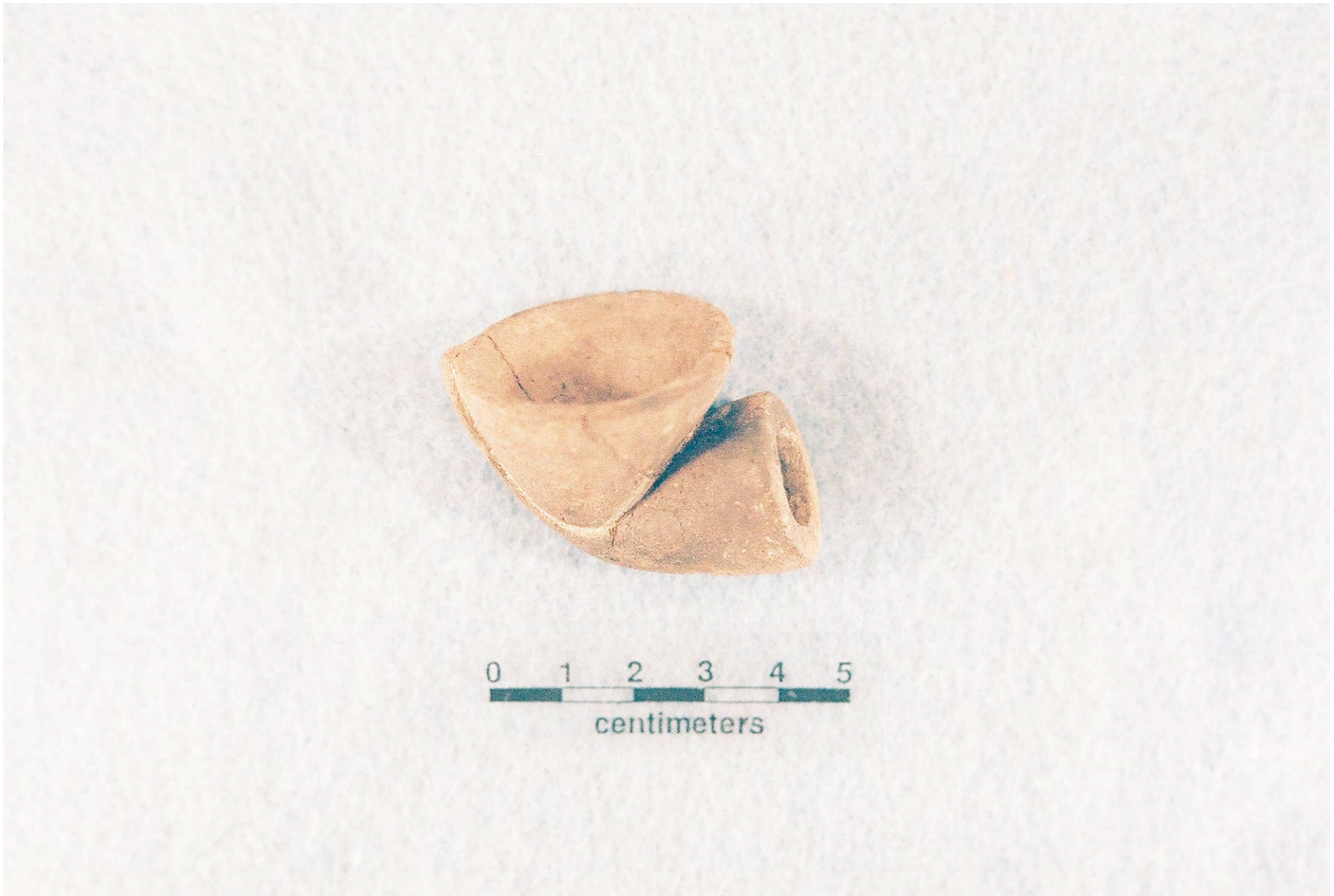


Figure 263f



Figure 264a

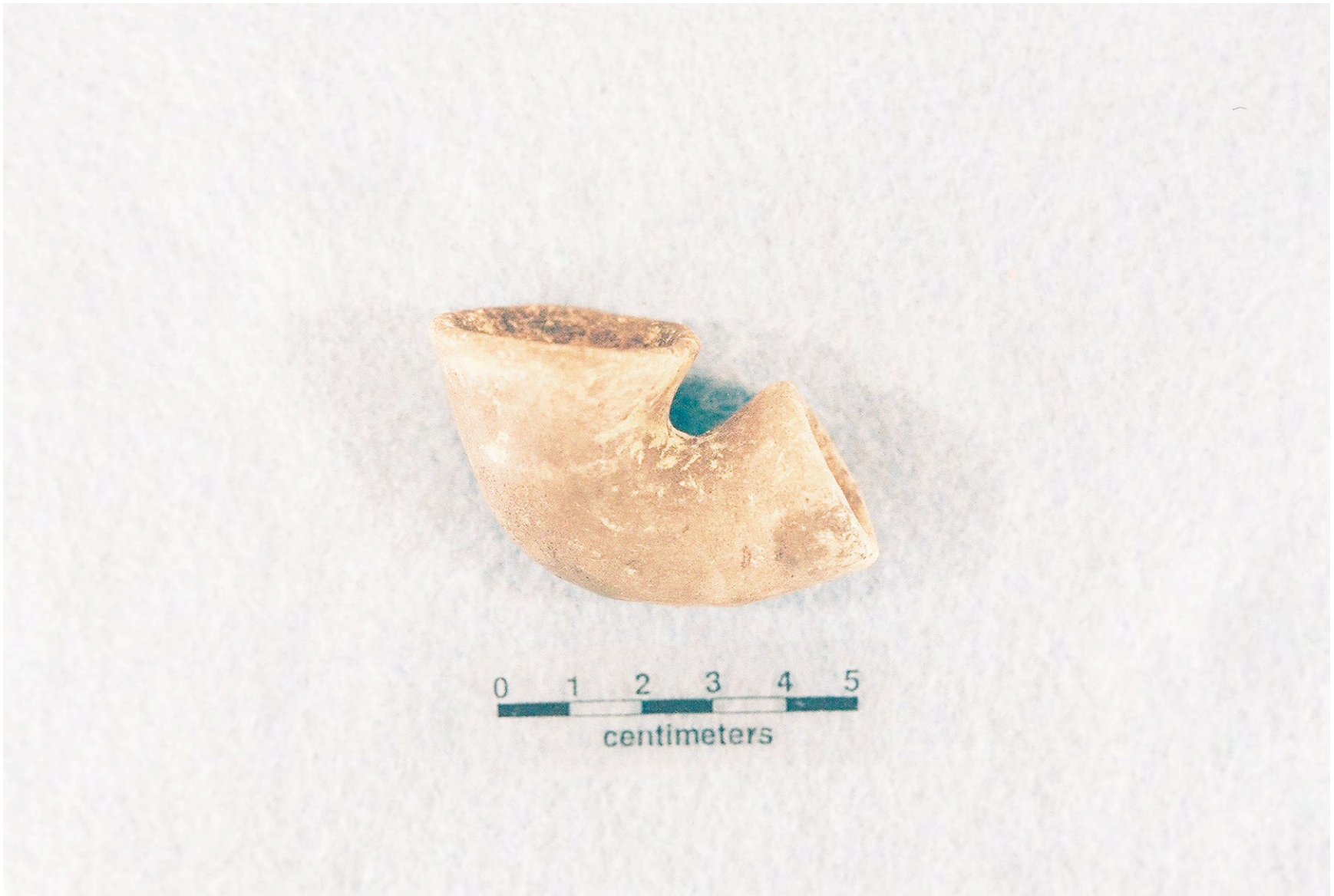


Figure 264b



Figure 265a

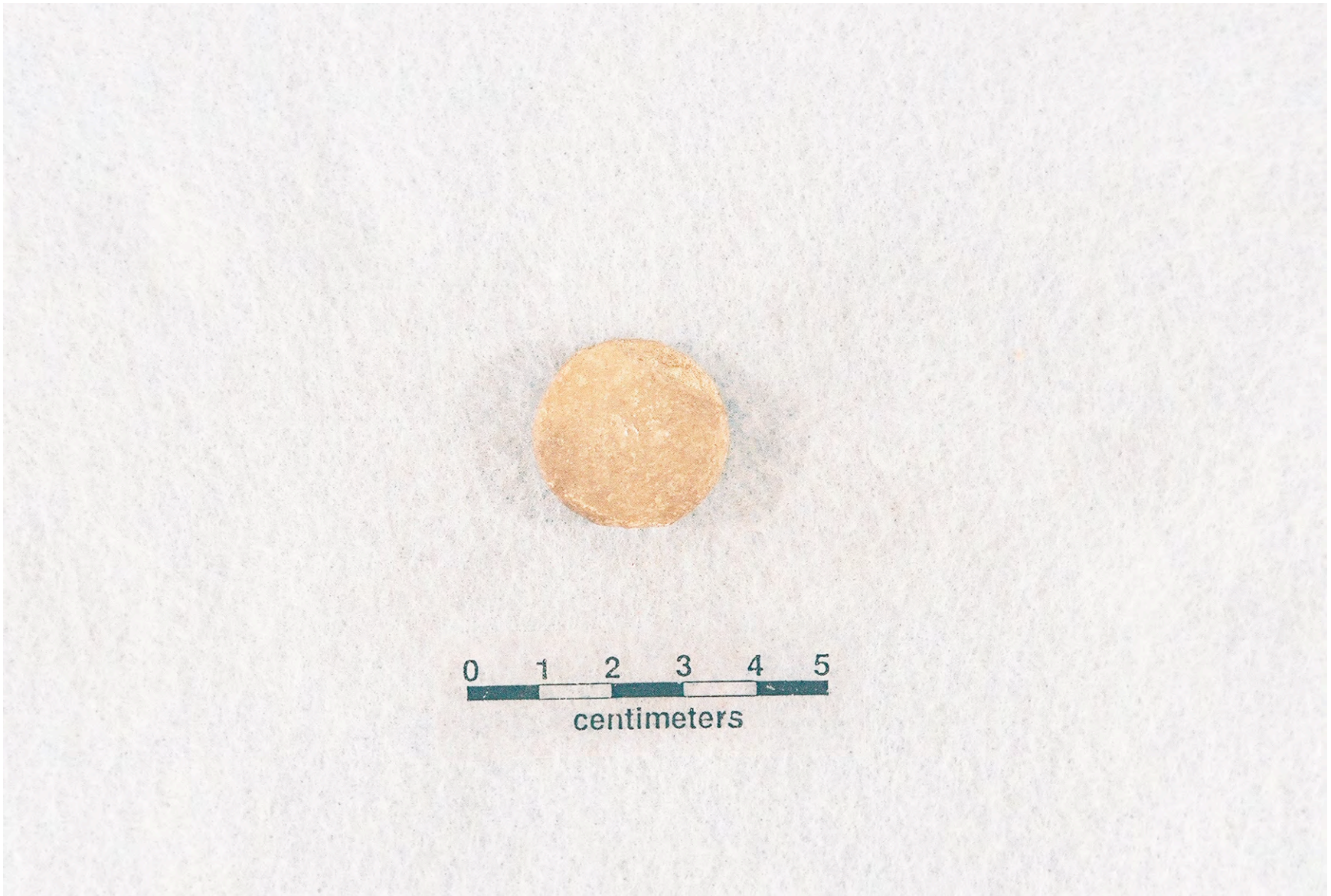


Figure 265b



Figure 266



Figure 267



Figure 268



Figure 269



Figure 270



Figure 271



Figure 272



Figure 273



Figure 274



Figure 275



Figure 276



Figure 277



Figure 278



Figure 279

Figure John's Project Cemetery Plan 2

